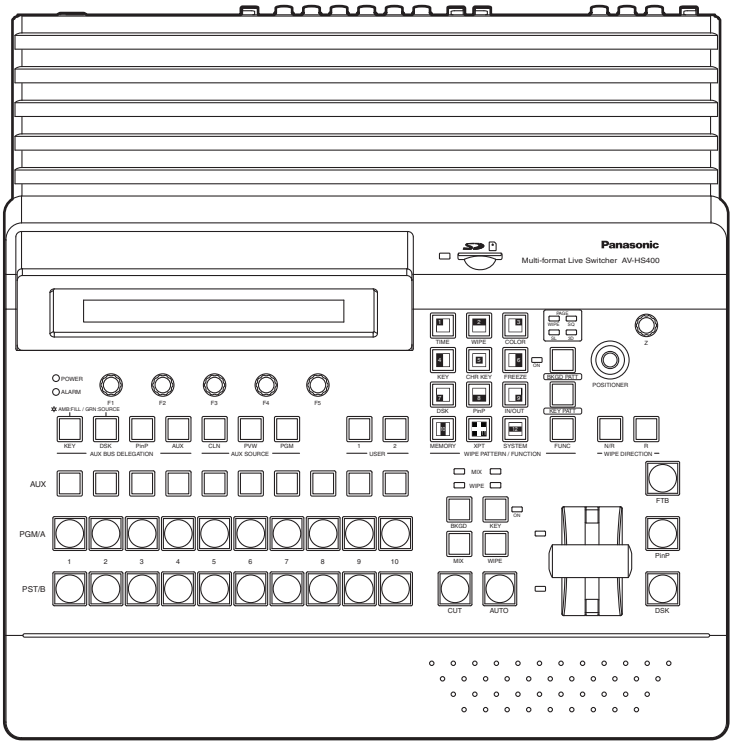
ORDER NO. CBMD0902001C1
Version2

Service Manual

Sec. 1 *Service Information*
Sec. 2 *Electrical Adjustment*
Sec. 3 *Block Diagrams*
Sec. 4 *Schematic Diagrams*
Sec. 5 *Exploded Views & Replacement Parts List*

Multi-format Live Switcher

Model No. **AV-HS400A N/E/MC**



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⚠WARNING

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Model No. AV-HS400AN
Specifications and Standard accessories

■Specifications

Inputs	8 video input lines (maximum) 4 standard video input lines: SDI inputs ×4 Maximum of an additional 4 video input lines as options: SDI inputs ×2, analog component (HD/SD) inputs ×2, DVI inputs ×2, analog composite inputs ×2 Up to two optional boards from among the various optional input boards (incorporating two up-converter lines) can be additionally connected. Reference ×1
Outputs	7 video signal lines (maximum) 3 standard video output lines (SDI): PGM outputs ×2, OUTPUT1 output ×1, OUTPUT2 output ×1 Maximum of an additional 4 video output lines as options: OUTPUT3 to 6 ×1 output Up to two optional boards from among the analog component (HD/SD) ×2, DVI ×1/analog component ×1, and SDI ×2 (incorporating two down-converter lines) output boards can be additionally connected. ✻ PGM, PVW, AUX, MULTI and KEYOUT can be assigned to OUTPUT1 to 6. Reference ×1
Signal formats	HD: 1080/59.94i, 1080/50i, 720/59.94p, 720/50p SD: 480/59.94i, 576/50i
Signal processing	Y:Cb:Cr 4: 2: 2, 10 bit RGB 4:4:4, 8 bit
ME number	1ME
SDI inputs	HD: Serial digital (SMPTE 292M) SD: Component digital (SMPTE 259M)
	BNC connector, IN1 to 8 (with active through), up to 8 lines ✻ IN5 to 8 are optional inputs.
	HD [SMPTE 292M (BTA S-004B) standard complied with] • 0.8 Vp-p ±10 % (75 Ω) • Input return loss More than 15 dB (5 MHz to 750 MHz) More than 10 dB (750 MHz to 1.5 GHz) • Automatic equalizer 328 ft. (100 m) (when 5C-FB cable is used)
	SD [SMPTE 259M standard complied with] • 0.8 Vp-p ±10 % (75 Ω) • Input return loss More than 15 dB (5 MHz to 270 MHz) • Automatic equalizer 656 ft. (200 m) (when 5C-2V cable is used)

SDI outputs	HD: Serial digital (SMPTE 292M) SD: Component digital (SMPTE 259M)	
	BNC connector, PGM ×1 (2 outputs), OUTPUT 1 to 6, up to 6 lines ✻ OUTPUT 3 to 6 are optional outputs.	
	HD [SMPTE 292M (BTA S-004B) standard complied with] • Output return loss More than 15 dB (5 MHz to 750 MHz) More than 10 dB (750 MHz to 1.5 GHz) • Output level 0.8 Vp-p ±10 % (75 Ω) • Rise time Less than 270 ps • Fall time Less than 270 ps • Difference between rise time and fall time Less than 100 ps • Alignment jitter Less than 0.2 UI (130 ps) • Timing jitter Less than 1.0 UI • Eye aperture ratio More than 90 % • DC offset 0 ±0.5 V	
	SD [SMPTE 259M standard complied with] • Output return loss More than 15 dB (5 MHz to 270 MHz) • Output level 0.8 Vp-p ±10 % (75 Ω) • Rise time Less than 1.5 ns • Fall time Less than 1.5 ns • Difference between rise time and fall time Less than 0.5 ns • Jitter Less than 0.2 UI	
Analog composite input (option)	Analog composite (1.0 Vp-p, 75 Ω)	
	BNC connector, IN5 to 8 (with loop-through), up to 4 lines	
Analog input (option)	SD/HD analog component Y/Pb/Pr (1.0 Vp-p, 75 Ω)	
	BNC connector, IN5 to 8, up to 4 lines	
Analog output (option)	SD/HD analog component Y/Pb/Pr (1.0 Vp-p, 75 Ω)	
	BNC connector, OUTPUT3 to 6, up to 4 lines (which can be assigned)	
DVI-I input (option)	XGA (1024×768), WXGA (1280×768), SXGA (1280×1024) Vertical frequency: 60 Hz	
	DVI-I connector, IN5 to 8, up to 4 lines	
DVI-I output (option)	XGA (1024×768), WXGA (1280×768), SXGA (1280×1024), WSXGA+✻ (1680×1050), UXGA✻ (1600×1200), WUXGA✻ (1920×1200) (✻: Selectable only when digital signals are output) Vertical frequency: 60 Hz	
	DVI-I connector, OUTPUT3, OUTPUT5, up to 2 lines (which can be assigned)	
Key input	1 input from video inputs	
Downstream Key input	1 input from video inputs	
Reference input	BNC connector, Black burst or Tri-level Sync (with loop-through) ×1	
Reference output	In gen-lock mode: BNC connector, loop-through output ×1, In internal sync mode: BNC connector, black burst ×2	
Video delay time	Frame synchronizer OFF	1H
	Frame synchronizer ON	1F

Control I/O	LAN (10BASE-T)	10 Mbps ×1 (RJ-45)
	Serial communication interface	RS-422 ×1 (D-sub 9-pin, female, inch screw) • Pan-tilt head system (pan-tilt head and camera) control supported • GVG standard protocol subset supported
	Tally output	Open collector outputs (negative logic) 1 to 8 (D-sub 15-pin, male, inch screw)
	GPI	GPI ×2 (3.5 mm diameter stereo mini jack)
External media	SD memory cards	Memory size supported: Max. 2 GB Still image file transfer: 24-bit uncompressed bitmap, baseline JPEG (loading only)
Ambient operating temperature	32 °F to 104 °F (0 °C to 40 °C)	
Humidity	10 % to 90 % (no condensation)	
Power supply	AC 100 V - 120 V, 50/60 Hz	
	Power consumption	98 W
Dimensions (W × H × D)	16-9/16″×5-3/16″×16-1/16″ (420×132×408 mm) [Excluding protrusions]	
Weight	14.1 lbs. (6.4 kg): when no options have been installed 15.9 lbs. (7.2 kg): when all the possible options have been installed	

■Standard accessories

Operating instructions 1
CD-ROM (Operating instructions/Image transmission software) 1
Power cord 1

■Optional boards (sold separately)

SDI Input Board: AV-HS04M1
Analog Input Board: AV-HS04M2
DVI Input Board: AV-HS04M3
Analog Output Board: AV-HS04M4
DVI/Analog Output Board: AV-HS04M5
Analog Composite Input Board: AV-HS04M6
SDI Output Board: AV-HS04M7

Refer to the operating instructions that come with the optional board for details about the installation method.

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Model No. AV-HS400AE
Specifications and Standard accessories

■Specifications

Inputs	8 video input lines (maximum) 4 standard video input lines: SDI inputs ×4 Maximum of an additional 4 video input lines as options: SDI inputs ×2, analogue component (HD/SD) inputs ×2, DVI inputs ×2, analogue composite inputs ×2 Up to two optional boards from among the various optional input boards (incorporating two up-converter lines) can be additionally connected. Reference ×1
Outputs	7 video signal lines (maximum) 3 standard video output lines (SDI): PGM outputs ×2, OUTPUT1 output ×1, OUTPUT2 output ×1 Maximum of an additional 4 video output lines as options: OUTPUT3 to 6 ×1 output Up to two optional boards from among the analogue component (HD/SD) ×2, DVI ×1/analogue component ×1, and SDI ×2 (incorporating two down-converter lines) output boards can be additionally connected. ✻ PGM, PVW, AUX, MULTI and KEYOUT can be assigned to OUTPUT1 to 6. Reference ×1
Signal formats	HD: 1080/59.94i, 1080/50i, 720/59.94p, 720/50p SD: 480/59.94i, 576/50i
Signal processing	Y:Cb:Cr 4: 2: 2, 10 bit RGB 4:4:4, 8 bit
ME number	1ME
SDI inputs	HD: Serial digital (SMPTE 292M) SD: Component digital (SMPTE 259M)
	BNC connector, IN1 to 8 (with active through), up to 8 lines ✻ IN5 to 8 are optional inputs.
	HD [SMPTE 292M (BTA S-004B) standard complied with] • 0.8 Vp-p ±10 % (75 Ω) • Input return loss More than 15 dB (5 MHz to 750 MHz) More than 10 dB (750 MHz to 1.5 GHz) • Automatic equalizer 100 m (when 5C-FB cable is used)
	SD [SMPTE 259M standard complied with] • 0.8 Vp-p ±10 % (75 Ω) • Input return loss More than 15 dB (5 MHz to 270 MHz) • Automatic equalizer 200 m (when 5C-2V cable is used)

SDI outputs	HD: Serial digital (SMPTE 292M) SD: Component digital (SMPTE 259M)	
	BNC connector, PGM ×1 (2 outputs), OUTPUT 1 to 6, up to 6 lines ✻ OUTPUT 3 to 6 are optional outputs.	
	HD [SMPTE 292M (BTA S-004B) standard complied with] • Output return loss More than 15 dB (5 MHz to 750 MHz) More than 10 dB (750 MHz to 1.5 GHz) • Output level 0.8 Vp-p ±10 % (75 Ω) • Rise time Less than 270 ps • Fall time Less than 270 ps • Difference between rise time and fall time Less than 100 ps • Alignment jitter Less than 0.2 UI (130 ps) • Timing jitter Less than 1.0 UI • Eye aperture ratio More than 90 % • DC offset 0 ±0.5 V	
SDI outputs	SD [SMPTE 259M standard complied with] • Output return loss More than 15 dB (5 MHz to 270 MHz) • Output level 0.8 Vp-p ±10 % (75 Ω) • Rise time Less than 1.5 ns • Fall time Less than 1.5 ns • Difference between rise time and fall time Less than 0.5 ns • Jitter Less than 0.2 UI	
Analogue composite input (option)	Analogue composite (1.0 Vp-p, 75 Ω)	
	BNC connector, IN5 to 8 (with loop-through), up to 4 lines	
Analogue input (option)	SD/HD analogue component Y/Pb/Pr (1.0 Vp-p, 75 Ω)	
	BNC connector, IN5 to 8, up to 4 lines	
Analogue output (option)	SD/HD analogue component Y/Pb/Pr (1.0 Vp-p, 75 Ω)	
	BNC connector, OUTPUT3 to 6, up to 4 lines (which can be assigned)	
DVI-I input (option)	XGA (1024×768), WXGA (1280×768), SXGA (1280×1024) Vertical frequency: 60 Hz	
	DVI-I connector, IN5 to 8, up to 4 lines	
DVI-I output (option)	XGA (1024×768), WXGA (1280×768), SXGA (1280×1024), WSXGA+✻ (1680×1050), UXGA✻ (1600×1200), WUXGA✻ (1920×1200) (✻: Selectable only when digital signals are output) Vertical frequency: 60 Hz	
	DVI-I connector, OUTPUT3, OUTPUT5, up to 2 lines (which can be assigned)	
Key input	1 input from video inputs	
Downstream Key input	1 input from video inputs	
Reference input	BNC connector, Black burst or Tri-level Sync (with loop-through) ×1	
Reference output	In gen-lock mode: BNC connector, loop-through output ×1, In internal sync mode: BNC connector, black burst ×2	
Video delay time	Frame synchronizer OFF	1H
	Frame synchronizer ON	1F

Control I/O	LAN (10BASE-T)	10 Mbps ×1 (RJ-45)
	Serial communication interface	RS-422 ×1 (D-sub 9-pin, female, inch screw) • Pan-tilt head system (pan-tilt head and camera) control supported • GVG standard protocol subset supported
	Tally output	Open collector outputs (negative logic) 1 to 8 (D-sub 15-pin, male, inch screw)
	GPI	GPI ×2 (3.5 mm diameter stereo mini jack)
External media	SD memory cards	Memory size supported: Max. 2 GB Still image file transfer: 24-bit uncompressed bitmap, baseline JPEG (loading only)
Ambient operating temperature	0 °C to 40 °C	
Humidity	10 % to 90 % (no condensation)	
Power supply	AC 220 V - 240V, 50/60 Hz	
	Power consumption	98 W
Dimensions (W × H × D)	420×132×408 mm [Excluding protrusions]	
Weight	6.4 kg: when no options have been installed 7.2 kg: when all the possible options have been installed	

■Standard accessories

Operating instructions 1
CD-ROM (Operating instructions/Image transmission software) 1
Power cord 2

■Optional boards (sold separately)

SDI Input Board: AV-HS04M1
Analogue Input Board: AV-HS04M2
DVI Input Board: AV-HS04M3
Analogue Output Board: AV-HS04M4
DVI/Analogue Output Board: AV-HS04M5
Analogue Composite Input Board: AV-HS04M6
SDI Output Board: AV-HS04M7

Refer to the operating instructions that come with the optional board for details about the installation method.

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Model No. AV-HS400AMC
Specifications and Standard accessories

规格和标准附件

■ 规 格

输入	8 路视频输入（最多） 4 路标准视频输入 : SDI 输入 ×4 另外最多有 4 路可选视频输入 : SDI 输入 ×2，模拟分量 (HD/SD) 输入 ×2，DVI 输入 ×2， 模拟复合输入 ×2 在不同选购输入板（包括两路上转换器）中，可以另行连接最多两块选购板。 基准 ×1
输出	7 路视频信号（最多） 3 路标准视频输出 (SDI): PGM 输出 ×2、OUTPUT1 输出 ×1、OUTPUT2 输出 ×1 另外最多有 4 路可选视频输出 : OUTPUT3 至 6×1 输出 在模拟分量 (HD/SD)×2 输出板，DVI×1/ 模拟分量 ×1 输出板和 SDI 输出板 ×2（包括两路下转换器）中，可以另行连接最多两块选购板。 ✻ PGM、PVW、AUX、MULTI 和 KEYOUT 可以分配给 OUTPUT1 至 6。 基准 ×1
信号格式	HD:1080/59.94i，1080/50i，720/59.94p，720/50p SD:480/59.94i，576/50i
信号处理	Y:Cb:Cr 4:2:2，10 位 RGB 4:4:4，8 位
ME 数	1ME
SDI 输入	HD: 串行数字（SMPTE 292M） SD: 分量数字（SMPTE 259M）
	BNC 接口，IN1 至 8（active through），最多 8 路 ✻ IN5 至 8 为可选输入。
	HD [符合 SMPTE 292M（BTA S-004B）标准] · 0.8 Vp-p ±10 %（75 Ω） · 输入反射损失 大于 15 dB（5 MHz 至 750 MHz） 大于 10 dB（750 MHz 至 1.5 GHz） · 自动均衡器 100 m（当使用 5C-FB 线缆时）
	SD [符合 SMPTE 259M 标准] · 0.8 Vp-p ±10 %（75 Ω） · 输入反射损失 大于 15 dB（5 MHz 至 270 MHz） · 自动均衡器 200 m（当使用 5C-2V 线缆时）

SDI 输出	HD: 串行数字（SMPTE 292M） SD: 分量数字（SMPTE 259M）
	BNC 接口，PGM ×1 (2 输出), OUTPUT 1 至 6，最多 6 路 ✻ OUTPUT 3 至 6 为可选输出。
	HD [符合 SMPTE 292M（BTA S-004B）标准] · 输出反射损失　大于 15 dB（5 MHz 至 750 MHz） 　大于 10 dB（750 MHz 至 1.5 GHz） · 输出电平　0.8 Vp-p ±10 %（75 Ω） · 上升时间　小于 270 ps · 下降时间　小于 270 ps · 升降时间差　小于 100 ps · 校准抖动　小于 0.2 UI（130 ps） · 时序抖动　小于 1.0 UI · 目视孔径比　大于 90 % · DC 偏移　0 ±0.5 V
	SD [符合 SMPTE 259M 标准] · 输出反射损失　大于 15 dB（5 MHz 至 270 MHz） · 输出电平　0.8 Vp-p ±10 %（75 Ω） · 上升时间　小于 1.5 ns · 下降时间　小于 1.5 ns · 升降时间差　小于 0.5 ns · 抖动　小于 0.2 UI
模拟复合输入（选购件）	模拟复合（1.0 Vp-p，75 Ω）
	BNC 接口，IN5 至 8（环通），最多 4 路
模拟输入（选购件）	SD/HD 模拟分量 Y/Pb/Pr（1.0 Vp-p，75 Ω）
	BNC 接口，IN5 至 8，最多 4 路
模拟输出（选购件）	SD/HD 模拟分量 Y/Pb/Pr（1.0 Vp-p，75 Ω）
	BNC 接口，OUTPUT3 至 6，最多 4 路（可以分配）
DVI-I 输入（选购件）	XGA (1024×768)，WXGA (1280×768)，SXGA (1280×1024) 垂直频率：60 Hz
	DVI-I 接口，IN5 至 8，最多 4 路
DVI-I 输出（选购件）	XGA (1024×768)，WXGA (1280×768)，SXGA (1280×1024)， WSXGA+* (1680×1050)，UXGA* (1600×1200)，WUXGA* (1920×1200) （✻: 只有当数字信号输出时才可以选择） 垂直频率 : 60 Hz
	DVI-I 接口，OUTPUT3，OUTPUT5，最多 2 路（可以分配）
键输入	视频输入当中 1 路输入
下游键输入	视频输入当中 1 路输入
基准输入	BNC 接口，黑场或三级同步（环通）×1
基准输出	同步锁相模式中 : BNC 接口，环通输出 ×1， 内部同步模式中 : BNC 接口，黑场 ×2

视频延迟时间	帧同步器 OFF	1H
	帧同步器 ON	1F
控制 I/O	网络 (10BASE-T)	10 Mbps ×1 (RJ-45)
	串行通信接口	RS-422×1（D-sub 9 针，内凹，英制螺钉） • 支持旋转云台系统（旋转云台和摄像机）控制 • 支持 GVG 标准协议子集
	Tally 输出	开集极输出（负逻辑）1 至 8 (D-sub 15 针，外凸，英制螺钉)
	GPI	GPI ×2（3.5 mm 直径立体声微型插口）
外部介质	SD 存储卡	支持的存储容量大小 : 最大 2GB 静止图像文件传输 : 24 位无压缩位图，基线 JPEG（仅可载入）
环境操作温度	0 °C 至 40 °C	
操作湿度	10 % 到 90 %（无结露）	
电 源	220 V – 240 V ～，50/60 Hz	
	电力消耗	98 W
尺寸（宽 × 高 × 深）	420×132×408 mm（突出部位除外）	
重 量	6.4 kg: 没有安装选购件时 7.2 kg: 安装了所有的可选选购件时	

■ 标准附件

使用说明书 1

CD-ROM（使用说明书 / 图像传输软件）..... 1

电源线 1

■ 选购板（另售）

SDI 输入板 : AV-HS04M1MC

模拟输入板 : AV-HS04M2MC

DVI 输入板 : AV-HS04M3MC

模拟输出板 : AV-HS04M4MC

DVI/ 模拟输出板 : AV-HS04M5MC

模拟复合输入板 : AV-HS04M6MC

SDI 输出板 : AV-HS04M7MC

有关安装方法的详情，请参阅选购板附带的使用说明书。

SAFETY PRECAUTIONS

GENERAL GUIDELINES

1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been over-heated or damaged by the short circuit.
2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
3. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

LEAKAGE CURRENT COLD CHECK

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Measure the resistance value, with an ohm meter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. The resistance value must be more than 5MW.

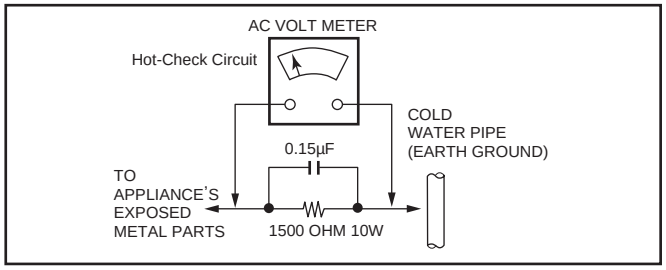


Figure1

LEAKAGE CURRENT HOT CHECK (See Figure 1)

1. Plug the AC cord directly into the AC outlet.
   Do not use an isolation transformer for this check.
2. Connect a 1.5KW, 10W resistor, in parallel with a 0.15m F capacitor, between each exposed metallic part on the set an a good earth ground such as a water pipe, as shown in Figure1.
3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet repeat each of the above measurements.
6. The potential at any point should not exceed 0.15 volts RMS. A leakage current tester (Simpson Model 229 equivalent) may be used to make the hot checks, leakage current must not exceed 0.1 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

ABOUT LEAD FREE SOLDER (PbF)

Distinction of Pbf PCB:
PCBs (manufactured) using lead free solder will have a PbF stamp on the PCB.
Caution:

1. Pb free solder has a higher melting point than standard solder; Typically the melting point is 50 – 70°F (30 – 40°C) higher. Please use a high temperature soldering iron. In case of the soldering iron with temperature control, please set it to 700 ± 20°F (370 ± 10°C).
2. Pb free solder will tend to splash when heated too high (about 1100°F/600°C).

ELECTROSTATICALLY SENSITIVE (ES) DEVICES

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically sensitive (ED) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor “chip” components.
The following techniques should be used to help reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground.
   Alternatively, obtain and wear a commercially available discharging wrist trap device, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as alminum foil, to prevent electrostatic charge build-up or exposure of the assembly.
3. Use only a grounded tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device classified as “anti-static” can generate electrical charges sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it.
   (most replacement ES devices are package with leads electrically shorted together by conductive foam, alminum foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.
   CAUTION : Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise hamless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ES device).

X-RADIATION

WARNING

1. The potential source of X-radiation in EVF sets is the High Voltage section and the picture tube.
2. When using a picture tube test jig for service, ensure that jig is capable of handling 10kV without causing X-Radiation.

Note : It is important to use an accurate periodically calibrated high voltage meter.

3. Measure the High Voltage. The meter (electric type) reading should indicate 2.5kV,±0.15kV. If the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure. To prevent an X-Radiation possibility, it is essential to use the specified picture tube.

Safety precautions

CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER SERVICEABLE PARTS INSIDE.
REFER TO SERVICING TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (service) instructions in the literature accompanying the appliance.

WARNING:

■ **THIS APPARATUS MUST BE EARTHED**

To ensure safe operation, the three-pin plug must be inserted only into a standard three-pin power point which is effectively earthed through the normal household wiring.

Extension cords used with the apparatus must have three cores and be correctly wired to provide connection to the earth. Wrongly wired extension cords are a major cause of fatalities.

The fact that the apparatus operates satisfactorily does not imply that the power point is earthed or that the installation is completely safe. For your safety, if you are in any doubt about the effective earthing of the power point, please consult a qualified electrician.

For CANADA

This class A digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

WARNING:

- **TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.**
- **THE APPARATUS SHALL NOT BE EXPOSED TO DRIPPING OR SPLASHING AND THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS.**

CAUTION:

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD AND ANNOYING INTERFERENCE, USE THE RECOMMENDED ACCESSORIES ONLY.

FCC Note:
This equipment has been tested and found to comply with the limits for a class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Warning:
To assure continued FCC emission limit compliance, the user must use only shielded interface cables when connecting to external units. Also, any unauthorized changes or modifications to this equipment could void the user’s authority to operate it.

CAUTION:

In order to maintain adequate ventilation, do not install or place this unit in a bookcase, built-in cabinet or any other confined space. To prevent risk of electric shock or fire hazard due to overheating, ensure that curtains and any other materials do not obstruct the ventilation.

The socket outlet shall be installed near the equipment and easily accessible or the mains plug or a power switch shall remain readily operable.

A warning that an apparatus with CLASS I construction shall be connected to a MAINS socket outlet with a protective earthing connection.

▭ indicates safety information.

IMPORTANT SAFETY INSTRUCTIONS

Read these operating instructions carefully before using the unit. Follow the safety instructions on the unit and the applicable safety instructions listed below. Keep these operating instructions handy for future reference.

1) Read these instructions.
2) Keep these instructions.
3) Heed all warnings.
4) Follow all instructions.
5) Do not use this apparatus near water.
6) Clean only with dry cloth.
7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10) Protect the power cord form being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11) Only use attachments/accessories specified by the manufacturer.
12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13) Unplug this apparatus during lightning storms or when unused for long periods of time.
14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

▭ indicates safety information.

<For USA-California Only>
This product contains a CR Coin Cell Lithium Battery which contains Perchlorate Material – special handling may apply.
See www.dtsc.ca/gov/hazardouswaste.perchlorate.

Safety precautions

FOR YOUR SAFETY PLEASE READ THE FOLLOWING TEXT CAREFULLY

CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER SERVICEABLE PARTS INSIDE.
REFER TO SERVICING TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (service) instructions in the literature accompanying the appliance.

WARNING:

■ **THIS APPARATUS MUST BE EARTHED**

To ensure safe operation, the three-pin plug must be inserted only into a standard three-pin power point which is effectively earthed through the normal household wiring.

Extension cords used with the apparatus must have three cores and be correctly wired to provide connection to the earth. Wrongly wired extension cords are a major cause of fatalities.

The fact that the apparatus operates satisfactorily does not imply that the power point is earthed or that the installation is completely safe. For your safety, if you are in any doubt about the effective earthing of the power point, please consult a qualified electrician.

WARNING:

- **TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.**
- **THE APPARATUS SHALL NOT BE EXPOSED TO DRIPPING OR SPLASHING AND THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS.**

CAUTION:

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD AND ANNOYING INTERFERENCE, USE THE RECOMMENDED ACCESSORIES ONLY.

CAUTION:

In order to maintain adequate ventilation, do not install or place this unit in a bookcase, built-in cabinet or any other confined space. To prevent risk of electric shock or fire hazard due to overheating, ensure that curtains and any other materials do not obstruct the ventilation.

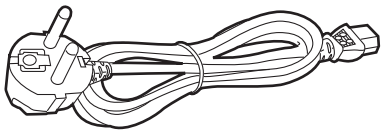
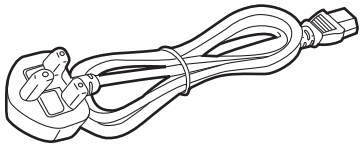
The socket outlet shall be installed near the equipment and easily accessible or the mains plug or a power switch shall remain readily operable.

A warning that an apparatus with CLASS I construction shall be connected to a MAINS socket outlet with a protective earthing connection.

▭ indicates safety information.

Caution for AC Mains Lead

FOR YOUR SAFETY PLEASE READ THE FOLLOWING TEXT CAREFULLY.
This product is equipped with 2 types of AC mains cable. One is for continental Europe, etc. and the other one is only for U.K.
Appropriate mains cable must be used in each local area, since the other type of mains cable is not suitable.

FOR CONTINENTAL EUROPE, ETC.	FOR U.K. ONLY
Not to be used in the U.K. 	

FOR U.K. ONLY

This appliance is supplied with a moulded three pin mains plug for your safety and convenience.
A 13 amp fuse is fitted in this plug.
Should the fuse need to be replaced please ensure that the replacement fuse has a rating of 13 amps and that it is approved by ASTA or BSI to BS1362.
Check for the ASTA mark or the BSI mark on the body of the fuse.

If the plug contains a removable fuse cover you must ensure that it is refitted when the fuse is replaced.
If you lose the fuse cover the plug must not be used until a replacement cover is obtained.
A replacement fuse cover can be purchased from your local Panasonic Dealer.

IF THE FITTED MOULDED PLUG IS UNSUITABLE FOR THE SOCKET OUTLET IN YOUR HOME THEN THE FUSE SHOULD BE REMOVED AND THE PLUG CUT OFF AND DISPOSED OF SAFELY. THERE IS A DANGER OF SEVERE ELECTRICAL SHOCK IF THE CUT OFF PLUG IS INSERTED INTO ANY 13 AMP SOCKET.

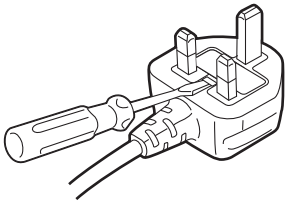
If a new plug is to be fitted please observe the wiring code as shown below.
If in any doubt please consult a qualified electrician.
WARNING: This apparatus must be earthed.

IMPORTANT
The wires in this mains lead are coloured in accordance with the following code.

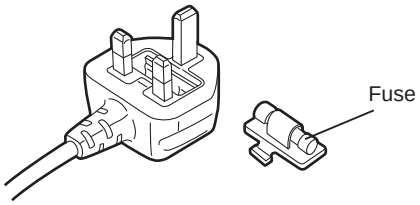
Green-and-Yellow:	Earth
Blue:	Neutral
Brown:	Live

As the colours of the wire in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows.
- The wire which is coloured **green-and-yellow** must be connected to the terminal in the plug which is marked with the letter **E** or by the earth symbol ⏚ or coloured **green** or **green-and-yellow**.
- The wire which is coloured **blue** must be connected to the terminal in the plug which is marked with the letter **N** or coloured **black**.
- The wire which is coloured **brown** must be connected to the terminal in the plug which is marked with the letter **L** or coloured **red**.

How to replace the fuse
1. Open the fuse compartment with a screwdriver.



2. Replace the fuse.



indicates safety information.

Information for Users on Collection and Disposal of Old Equipment and used Batteries

These symbols on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries should not be mixed with general household waste.
For proper treatment, recovery and recycling of old products and used batteries, please take them to applicable collection points, in accordance with your national legislation and the Directives 2002/96/EC and 2006/66/EC.

By disposing of these products and batteries correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.

For more information about collection and recycling of old products and batteries, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.

Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

For business users in the European Union

If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

[Information on Disposal in other Countries outside the European Union]

These symbols are only valid in the European Union. If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.

Note for the battery symbol (bottom two symbol examples):

This symbol might be used in combination with a chemical symbol. In this case it complies with the requirement set by the Directive for the chemical involved.

Cd

Safety precautions

注意

有触电危险，请勿拆开。

注意：为了减少触电危险，请勿取下护盖(或后盖)。内部没有用户能自行修理的零件。应由有资格的人员进行维修工作。

在正三角形中带箭头的闪电符号，用以提醒用户在本装置附近出现较大的非绝缘"危险电压"足以使人体产生触电。

在正三角形中的感叹号，用以提醒用户参考有关本装置的重要操作与维修的文字说明。

断开电源。当电源线接通电源时，无论本装置有无ON-OFF开关均为本装置供电。然而，仅在ON-OFF开关处于ON位置时，本装置才能操作。电源线是断开所有本装置电源的总开关。

警告：

- 本装置必须接地。
- 设备应当连接到有接地保护连接的电源插座上。
- 电源插头或者设备耦合器应当保持完好随时可用。
- 请勿将本装置置于雨水、潮湿的环境中，以免发生火灾或触电。为防止水滴溅入，请不要将盛有液体的容器（如花瓶）放置在本装置上。
- 有关本装置的一切安装工作都必须由有资格的维修人员或者系统安装人员进行。
- 连接应当符合当地的电气规定。

注意:

- 为了充分通风,设备周围的最小间隙。
- 通风孔不应覆盖诸如报纸、桌布和窗帘等物品而妨碍通风。
- 电源配线时需连接到接点间距在3.0 mm以上的配电盘的电流断路器。此时需使用能够断开除了保护接地导体以外的主电源的所有各极的电流断路器。

安全事项

为安全起见，请仔细阅读以下内容

■ **不要开启面板盖。**

为了减少电击的危险，不要打开面板盖。里面没有用户能维修的部件。

有关维修问题，请与合格的维修人员联系。

警告:

■ **本装置必须接地**

为了保证本机操作安全，必须将三插脚的电源插头插入标准的三孔插座，而此插座是通过普通的住宅线路妥善接地的。

本装置使用的延长电线必须是三芯的，正确布线与接地。延长电线的错误连接是产生致命性事故的主要原因。

本装置工作得令人满意并不能说明电源已接地或者安装是十分安全的。为了您的安全，如果对本装置和电源的有效接地有任何怀疑，请向合格的电工咨询。

警告:

- **为减少火灾或电击的危险，请不要使本设备淋雨或暴露于潮湿的环境中。**
- **请避免液体滴入或溅入本设备，也不要将花瓶等装满液体的物体置放在本设备之上。**

注意事项:

为了减少起火或电击的危险以及烦人的干扰，请只使用推荐的附件。

注意事项:

为了保持良好的通风条件，请不要将本机安装或置放于书橱、壁柜或其他密封空间中。确保窗帘或其他织物不会阻碍通风条件，防止因过热而发生电击或起火。

电源插座应安装在靠近设备并易于接近的位置，电源插头或电源开关应保持便于操作的状态。

警告:一类结构设备必须连接到带有保护性接地的电源插座上。

显示安全信息。

重要安全须知

1) 请阅读本说明书。

2) 请妥善保存本说明书。

3) 请注意每项警告。

4) 请遵照所有说明。

5) 本装置请勿在靠近水的地方使用。

6) 只能用干布清洁。

7) 请勿堵塞任何通风孔。请按照生产厂商的指示进行安装。

8) 请勿安装在散热器、热记录器、火炉或其他发热的器具（包括放大器）等热源近旁。

9) 请勿使极性插头和接地型插头的安全性无效。极性插头有两个刀型插脚，一长一短。接地型插头有两个刀型插脚和一个第三接地插脚。设有长刀型插脚和第三接地插脚是出于安全之目的。如果提供的插头与您的电源插座不符合，请与销售店联系将不能使用的插座更换为符合要求的插座。

10) 请保护电源软线免受踩踏或紧压，特别是在插头、电源插座和从装置引出的接点处。

11) 只能使用生产厂商规定的配件/附件。

12) 只能与生产厂商规定或随机附送的手推车、台架、三脚架、托架或桌子一起使用。使用手推车移动本装置时要特别注意，不要因倾翻而受伤。

13) 雷电交加的暴风雨天气或长期不使用本装置时，请拔下插头。

14) 本装置遭到损坏，比如发生电源线或插头受损、液体溅入或异物落入装置内、淋雨、受潮、不能正常工作或装置坠落等情况时，请尽快与经销商或维修服务中心联系。

Panasonic®

PM

SECTION 1

SERVICE INFORMATION

CONTENTS

1. DIP SWITCH SETTING INF-1
2. METHOD OF UPDATING FPGA PROGRAM INF-3

1. DIP SWITCH SETTING

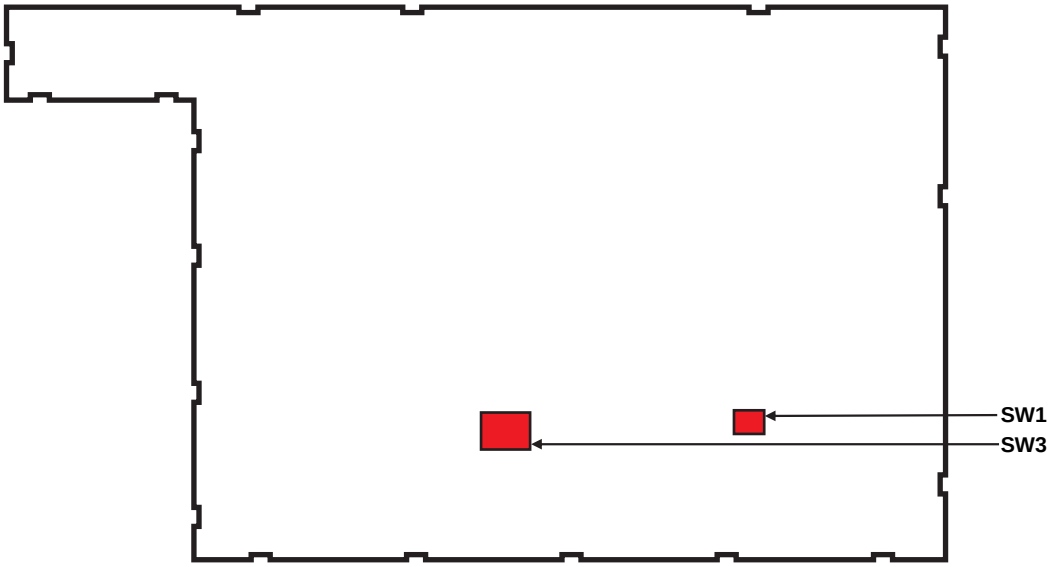
For ON/OFF of switches, see the silk-screen printing on the printed circuit board.

[MAIN P.C.BOARD]

MODE	**DESCRIPTION**	**SW1**			
		1	2	3	4
Initial setting	Normally application start	**OFF**	**OFF**	**OFF**	**OFF**
Test mode 1	Panel check test	OFF	OFF	OFF	OFF
Test mode 2	Memory-Video bus test	OFF	OFF	OFF	OFF
Test mode 3	External I/F connection test	OFF	OFF	OFF	OFF
EDIT writing	EDIT writing of DVI	OFF	OFF	OFF	OFF

MODE	**DESCRIPTION**	**SW3**							
		1	2	3	4	**5**	6	7	8
Initial setting	Normally application start	**OFF**	**OFF**	**OFF**	**OFF**	**OFF**	**OFF**	**OFF**	**OFF**
Test mode 1	Panel check test	**ON**	**OFF**	OFF	OFF	OFF	OFF	OFF	OFF
Test mode 2	Memory-Video bus test	**OFF**	**ON**	OFF	OFF	OFF	OFF	OFF	OFF
Test mode 3	External I/F connection test	**ON**	**ON**	OFF	OFF	OFF	OFF	OFF	OFF
EDIT writing	EDIT writing of DVI	OFF	OFF	OFF	**ON**	OFF	OFF	OFF	OFF

<DIP switch layout (MAIN P.C.BOARD)>



2. FPGA AND PROGRAM UPDATE TOOL

(1) To use the Update Menu, put the version update files (∗∗∗.hsd) in the “SYSTEM” folder under the “HS400” folder of the SD card.

*For the SD card, use the one that was initialized by the AV-HS400A.

(See the Operating Instruction)

*Up to five version update files can be recognized. Only five files are recognized even if more than five files are put in.

(2) After starting the AV-HS400, select SD Card of MEM Menu (3/4).

(3) Select “LOAD” MODE with F2, and press the F2 to confirm

If F3 is pressed for a long time, the version update file name will be displayed as the file name.

(*The display remains unchanged if no version update file exists.)

(*If “SELECT” is operated with F3, the display will return to normal display.)

(4) If two or more files exist, select target version update file with F4.

(5) Press the F5, and the program writing will start in the sequence shown below.

*During the writing, do not turn off the power switch, remove the SD card, nor operate the AV-HS400A.

[SOFT Downloading] → [Programming] → [Verify]

[CONTROL-FPGA Downloading] → [Programming] → [Verify]

[PANEL-FPGA Downloading] → [Programming] → [Verify]

[INPUT-FPGA Downloading] → [Programming] → [Verify]

[ME-FPGA Downloading] → [Programming] → [Verify]

[SDIIN-FPGA Downloading] → [Programming] → [Verify]

[ANAIN-FPGA Downloading] → [Programming] → [Verify]

[DVIIN-FPGA Downloading] → [Programming] → [Verify]

[DVIOUT-FPGA Downloading] → [Programming] → [Verify]

[Version Programming] → [Verify]

Upon successful completion, “Version Up Completed” will be displayed.

The result display will disappear if F1 is pressed.

(6) Restart the AV-HS400A and check the version.

When “Version Up Error” is displayed:

If nothing is displayed in lower part, the version update files could be unauthorized files.

If anything is displayed in lower part, AV-HS400A could not start again if the power switch is turned off.

In this case, retry program updating without turning off the power switch.

NOTE:

Concerning the recommended SD memory cards

Use of the following SD memory cards made by Panasonic Corporation is recommended.

RP-SD128B, RP-SD256B, RP-SDR512,

RP-SDR01G, RP-SDM02G

SECTION 2

ELECTRICAL ADJUSTMENT

CONTENTS

1. MEASURING INSTRUMENTS AND TOOLS ELE-1
2. ADJUSTMENT PROCEDURE ELE-2
   - 2-1. MAIN SET ELE-2
   - 2-2. MAIN P.C.BOARD ELE-3
   - 2-3. PANEL P.C.BOARD ELE-13
   - 2-4. SD CARD P.C.BOARD ELE-15
3. ADJUSTMENT LOCATIONS ELE-16

1.MEASURING INSTRUMENTS AND TOOLS

1. Signal generator (equivalent to TG700/TG15C6 (analog HD signal))
2. Serial input waveform monitor (equivalent to WFM700)
3. Video analyzer (equivalent to VM700A)
4. Color monitor (HD/SD multi-format)
5. Oscilloscope (digital sampling/400MHz)
6. Multi-meter
7. Writing tool (ALTERA, SH2)

[Precautions]

(1) When adjusting and checking the AV-HS400A, make sure that a missing of part, wrong arrangement or wiring, soldering failure, or a defect of printed circuit board such as a crack is not found in the AV-HS400A.

(2) Before adjusting and checking the AV-HS400A, the Z (impedance) check must be completed to check for a short or open circuit.

(3) When performing a soldering work for part replacement of the AV-HS400A, control the temperature of a soldering iron in accordance with the standard.

(4) The machine checker must have already been finished in a soldering check to the parts including chips.

(5) This adjustment procedure is prepared based on the premise of using the sets of which operation has already been verified, but equivalent jigs may be used.

2.ADJUSTMENT PROCEDURE

2-1.MAIN SET

2-1-1. Power supply check of main set

1. Input conditions

Prepare the Main and Panel boards of which operations have already been checked.
Input AC power, and turn on/off the power switch.

2. Check points

Fan
POWER LED

3. Adjustment/Checking method

Check that:
ON: POWER LED comes on.
Fan rotates.
OFF: POWER LED goes off.
Fan stops.

2-1-2. Alarm check(1)

1. Input conditions

Prepare the Main and Panel boards of which operations have already been checked.
Input AC power, and turn on/off the power switch.
Disconnect the fan cable, and then turn on the power switch.

2. Check points

ALARM LED
LCD

3. Adjustment/Checking method

Check that:
ALARM LED comes on.
Alarm is displayed on LCD.

2-1-3. Alarm check (2)

1. Input conditions

Prepare the Main and Panel boards of which operations have already been checked.
Input DC12V by stabilizing supply, and turn on the power switch.

2. Check points

ALARM LED
LCD

3. Adjustment/Checking method

Lower the regulated power voltage to below 10.3V, and check that:
ALARM LED comes on.
Alarm is displayed on LCD.

4. Specification/Checking

“Supply voltage lowers = Current increases”, thus requiring attention to supply voltage range.
Range: 9V - 14V

2-1-4. Power P.C.Board check (E/MC MODEL ONLY)

1. Input conditions

Prepare the Main and Panel boards of which operations have already been checked.
Input AC power, and turn on/off the power switch.
Prepare the slidax, etc. to vary input voltage.

2. Check points

POWER LED
POWER SW (circuit protector)

3. Adjustment/Checking method

Vary AC input up to 220V~300V.
Adjust VR3001 so that the POWER SW turns off at AC275±5V.
Note: Raise the voltage gradually from low voltage.

4. Specification/Checking

Set value: 275±5V
POWER SW must be turned off at the voltage above 280V.
POWER SW must not be turned off at the voltage below 270V.

2-2.MAIN P.C.BOARD

2-2-1. Voltage check

1. Input conditions

Prepare the Main and Panel boards of which operations have already been checked, and connect them with respective cables.
Input AC power and turn on the power switch.

2. Check points

TP141: +12V (Main voltage, OP 1/2)
TP145: +12V (Main voltage, OP 3/4)
TP143: +3.3V (DCDC output)
TP144: +1.8V (DCDC output)
TP146: +2.5V (DCDC output)
TP147: +1.2V (DCDC output)
TP148: +5.0V (DCDC output, OP 1/2)
TP149: +6.0V (DCDC output, OP 3/4)
TP151: A+5.V (Reg output)

3. Adjustment/Checking method

TP141,145: 11.5-12.5V
TP143: 3.20-3.40V
TP144: 1.75-1.84V
TP146: 2.40-2.60V
TP147: 1.15-1.25V
TP148: 4.90-5.10V
TP149,150: 5.80-6.25V
TP151: 4.90-5.10V
Free from part overheating.
Free from other abnormality such as odor.

2-2-2 Memory, video bus (FMEM) check

1. Input conditions

Prepare the Main and Panel boards of which operations have already been checked, and connect them with respective cables.

Input AC power and turn on the power switch.

[Test mode 2 start]

Set SW3, and turn on the power switch.

2. Check points

LCD display

3. Adjustment/Checking method

After the self test, check that OK is displayed on the LCD.

If an error occurred during the test, press any key on the panel to proceed to the next test.

2-2-3. RS422 check

1. Input conditions

Prepare the Main and Panel boards of which operations have already been checked, and connect them with respective cables.

Input AC power and turn on the power switch. Connect PC and MainP.C.Board with RS422 straight cable.

2. Check points

PGM (SDI) monitor

PC monitor

3. Adjustment/Checking method

Check that:

A cross point can be switched from the RS422 control software (PC).

ACK is returned.

*First press “Break+Dx30” button, and then check.

2-2-4. LAN check

1. Input conditions

Prepare the Main and Panel boards of which operations have already been checked, and connect them with respective cables.

Input AC power and turn on the power switch.

Connect PC and Main board with LAN cross cable.

2. Check points

PC monitor

3. Adjustment/Checking method

Set PC's IP to 192. 168. 0. 9 and input "ping 192. 168. 0. 10 (ret)" with the DOS prompt, and check that ACK is returned.

4. Specification/Checking

ACK: Replay from 192.168.0.10

2-2-5. External I/F check (TALLY, GPI)

1. Input conditions

Prepare the Main and Panel boards of which operations have already been checked, and connect them with respective cables.

Input AC power and turn on the power switch.

[Test mode 3 start]

Set SW3, and turn on the power switch.

The test is executed in the following order.

If any switch is pressed, the test proceeds to the next one.

(1) TALLY lighting test →(2) GPI test →(1)

2. Check points

LCD display

3. Adjustment/Checking method

(1) TALLY

Turn on Enable of TALLY lighting jig, and check that LEDs come on sequentially.

Turn off Enable of TALLY lighting jig, and check that no LEDs come on.

(2) GPI

Press the switch on GPI input jig and check that the status is displayed on the LCD.

2-2-6. SDI I/O signal check

1. Input conditions

Prepare the Main and Panel boards of which operations have already been checked, and connect them with respective cables.

Input AC power and turn on the power switch.

Input SDI signal to IN1-4 (HD1080/59.94i).

IN4 is a key signal.

2. Check points

(1) VR1-4

(2) Active through (SDI)

(3) PGM (SDI), WFM, monitor
LED

(4) OUT1 (SDI), WFM, monitor
LED

(5) OUT2 (SDI), WFM, monitor
LED

3. Adjustment/Checking method

(1) Check that VRs are in mechanical center.

(2) Check that the signals entered to IN1-IN4 are outputted.

(3) Switching the cross points, check that the signals entered to IN1-4 are outputted to the PGM.
Check that LEDs in each system light in green.
(D2, D5, D8, D11)

(4) Set OUT1 to PVW and check the output.

(5) Set OUT2 to AUX and check the output.
Check that LED lights in green. (D14)

4. Specification/Checking

Follow the Specification.

Free from noise, skipped bit, or CRC error.

2-2-7. Built-in signal check

1. Input conditions

Prepare the Main and Panel boards of which operations have already been checked, and connect them with respective cables.

Input AC power and turn on the power switch.

Input SDI signal to IN1-4 (HD1080/59.94i).

IN4 is a key signal.

2. Check points

PGM (SDI), WFM, monitor

3. Adjustment/Checking method

Switch the built-in signal, and check the following signals:

BLK

CBGD

CBAR (75%)

4. Specification/Checking

Follow the Specification.

Free from noise, skipped bit, or CRC error.

2-2-8. Function check (1)

1. **Input conditions**
   Prepare the Main and Panel boards of which operations have already been checked, and connect them with respective cables.
   Input AC power and turn on the power switch.
   Input SDI signal to IN1-4 (HD1080/59.94i).
   IN4 is a Wipe signal.

2. **Check points**
   PGM (SDI), WFM, monitor

3. **Adjustment/Checking method**
   Check the wipe operation (one wave), border (ON/OFF), and software (ON/OFF).

4. **Specification/Checking**
   Follow the Specification.
   Free from noise, skipped bit, etc.

2-2-9.Function check (2)

1. **Input conditions**
   Prepare the Main and Panel boards of which operations have already been checked, and connect them with respective cables.
   Input AC power and turn on the power switch.
   Input SDI signal to IN1-4 (HD1080/59.94i).
   IN4 is a Mix signal.

2. **Check points**
   PGM (SDI), WFM, monitor

3. **Adjustment/Checking method**
   Check the mix operation.

4. **Specification/Checking**
   Follow the Specification.
   Free from noise, skipped bit, etc.

2-2-10.Function check (3)

1. **Input conditions**
   Prepare the Main and Panel boards of which operations have already been checked, and connect them with respective cables.
   Input AC power and turn on the power switch.
   Input SDI signal to IN1-4 (HD1080/59.94i).
   IN4 is a DVE (SQ,SL,3D) signal.

2. **Check points**
   PGM (SDI), WFM, monitor

3. **Adjustment/Checking method**
   Check the DVE (SQ,SL,3D).

4. **Specification/Checking**
   Follow the Specification.
   Free from noise, skipped bit, etc.

2-2-11.Function check (4)

1. **Input conditions**
   Prepare the Main and Panel boards of which operations have already been checked, and connect them with respective cables.
   Input AC power and turn on the power switch.
   Input SDI signal to IN1-4 (HD1080/59.94i).
   IN4 is a key signal.

2. **Check points**
   PGM (SDI), WFM, monitor

3. **Adjustment/Checking method**
   Check the key (luminance key,chroma key), key wipe and edgekey.

4. **Specification/Checking**
   Follow the Specification.
   Free from noise, skipped bit, etc.

2-2-12.Function check (5)

1. **Input conditions**
   Prepare the Main and Panel boards of which operations have already been checked, and connect them with respective cables.
   Input AC power and turn on the power switch.
   Input SDI signal to IN1-4 (HD1080/59.94i).
   IN4 is a P in P signal.

2. **Check points**
   PGM (SDI), WFM, monitor

3. **Adjustment/Checking method**
   Check the P in P operation, (ON/OFF, positioner, size).

4. **Specification/Checking**
   Follow the Specification.
   Free from noise, skipped bit, etc.

2-2-13.Function check (6)

1. **Input conditions**
   Prepare the Main and Panel boards of which operations have already been checked, and connect them with respective cables.
   Input AC power and turn on the power switch.
   Input SDI signal to IN1-4 (HD1080/59.94i).
   IN4 is a DSK signal.

2. **Check points**
   PGM (SDI), WFM, monitor

3. **Adjustment/Checking method**
   Check the DSK operation (ON/OFF, edge).

4. **Specification/Checking**
   Follow the Specification.
   Free from noise, skipped bit, etc.

2-2-14.Function check (7)

1. **Input conditions**
   Prepare the Main and Panel boards of which operations have already been checked, and connect them with respective cables.
   Input AC power and turn on the power switch.
   Input SDI signal to IN1-4 (HD1080/59.94i).
   IN4 is a FTB signal.

2. **Check points**
   PGM (SDI), WFM, monitor

3. **Adjustment/Checking method**
   Check the FTB operation (ON/OFF).

4. **Specification/Checking**
   Follow the Specification.
   Free from noise, skipped bit, etc.

2-2-15.Function check (8)

1. **Input conditions**
   Prepare the Main and Panel boards of which operations have already been checked, and connect them with respective cables.
   Input AC power and turn on the power switch.
   Input SDI signal to IN1-4 (HD1080/59.94i).
   IN4 is a FS,FRZ signal.
   FS, FRZ operation

2. **Check points**
   PGM (SDI), WFM, monitor

3. **Adjustment/Checking method**
   Asynchronous signal must be outputted normally by FS ON.
   Must be frozen by FRZ ON.
   (It is acceptable only in either of INPUT.)

4. **Specification/Checking**
   Follow the Specification.
   Free from noise, skipped bit, etc.

2-2-16.Function check (9)

1. **Input conditions**
   Prepare the Main and Panel boards of which operations have already been checked, and connect them with respective cables.
   Input AC power and turn on the power switch.
   Input SDI signal in each format:
   1080/50i
   720/59.94p
   720/50p
   480/59.94i
   576/50i

2. **Check points**
   PGM (SDI), WFM, monitor

3. **Adjustment/Checking method**
   Check that each format operates normally.
   (HD1080/59.94i is omitted because it was already checked in 2-2-6)

4. **Specification/Checking**
   Follow the Specification.
   Free from noise, skipped bit, or CRC error.

   No error on WFM, normal on screen, XPT switch, unquestionable in the confirmation of the representative operation of the fader operation.

2-2-17.REF I/O check (1)

1. **Input conditions**
   Prepare the Main and Panel boards of which operations have already been checked, and connect them with respective cables.
   Input AC power and turn on the power switch.
   Input SDI signal to IN1-4 (HD1080/59.94i).
   IN4 is a key signal.
   Input BB signal.

2. **Check points**
   PGM (SDI), WFM, monitor
   LED

3. **Adjustment/Checking method**
   Check that:
   The generator is locked to the BB signal in the BBST mode.
   LEDs light in green. (D19, D20)

4. **Specification/Checking**
   SDI output timing and alignment jitter must be within the specification.

2-2-18.REF I/O check (2)

1. **Input conditions**
   Prepare the Main and Panel boards of which operations have already been checked, and connect them with respective cables.
   Input AC power and turn on the power switch.
   Input SDI signal to IN1-4 (HD1080/59.94i).
   IN4 is a key signal.
   Input TRI signal.

2. **Check points**
   PGM (SDI), WFM, monitor
   LED

3. **Adjustment/Checking method**
   Check that:
   The generator is locked to the TRI signal in the TRI mode.
   LEDs light in green. (D19, D20)

4. **Specification/Checking**
   SDI output timing and alignment jitter must be within the specification.

2-2-19.REF I/O check (3)

1. **Input conditions**
   Prepare the Main and Panel boards of which operations have already been checked, and connect them with respective cables.
   Input AC power and turn on the power switch.
   Input SDI signal to IN1-4 (HD1080/59.94i).
   IN4 is a key signal.

2. **Check points**
   REF out, WFM

3. **Adjustment/Checking method**
   Check that BB is outputted in the INT mode.
   Adjust sync signal level with VR6.
   (NTSC=40 IRE ± 2 IRE)

4. **Specification/Checking**
   Follow the Specification.
   Free from abnormality such as an oscillation.

2-2-20.REF I/O check (4)

1. **Input conditions**
   Prepare the Main and Panel boards of which operations have already been checked, and connect them with respective cables.
   Input AC power and turn on the power switch.
   Input SDI signal to IN1-4 (HD1080/59.94i).
   IN4 is a key signal.

2. **Check points**
   REF out, WFM

3. **Adjustment/Checking method**
   Check that BB is outputted in the INT mode.
   Rotate the VR5 to adjust the frequency at TP108 (CLK).
   (f = 27.0MHz ± 5Hz)

4. **Specification/Checking**
   Follow the Specification.
   Free from abnormality such as an oscillation.

2-2-21.Reset check

1. **Input conditions**
   Prepare the Main and Panel boards of which operations have already been checked, and connect them with respective cables.
   Input AC power and turn on the power switch.
   Input SDI signal to IN1-4 (HD1080/59.94i).
   IN4 is a key signal.

2. **Check points**
   Reset switch (SW2)

3. **Adjustment/Checking method**
   Press the Reset switch (SW2) and check that it returns.

4. **Specification/Checking**
   Must operate normally.

2-2-22.Output phase check

1. **Input conditions**
   Prepare the Main and Panel boards of which operations have already been checked, and connect them with respective cables.
   Input AC power and turn on the power switch.
   Input SDI signal to IN1-4 (HD1080/59.94i).
   IN4 is a key signal.
   Input BB (or TRI) to the reference signal

2. **Check points**
   PGM (SDI4), WFM, monitor

3. **Adjustment/Checking method**
   Switch the output phase between 1H and 0H (video delays by maximum one frame) and check that it meets the specified phase.
   Check that the output phase varies by changing H and V phases.

4. **Specification/Checking**
   Follow the Specification.
   Free from noise, error, or alarm.

2-2-23.Input optional board I/F check

1. Input conditions

Prepare the Main and Panel boards of which operations have already been checked, and connect them with respective cables.

Input AC power and turn on the power switch.

Connect SDI IN board of which operation has already been checked.

2. Check points

(1) PGM (SDI), WFM, monitor

(2) PGM (SDI), WFM, monitor

3. Adjustment/Checking method

(1) Connect an optional board to the SLOT 1, switch the cross point, and check that input signals of IN5 and 6 are output to the PGM.

(2) Connect an optional board to the slot 2, switch the cross point, and check that input signals of IN7 and 8 are output to the PGM, and also check PVM output.

4. Specification/Checking

Follow the Specification.

Free from noise, skipped bit, etc.

2-2-24.Output optional board I/F check

1. Input conditions

Prepare the Main and Panel boards of which operations have already been checked, and connect them with respective cables.

Input AC power and turn on the power switch.

Connect analog output board of which operation has already been checked.

2. Check points

(1) PGM (Analog), WFM, monitor

(2) PGM (Analog), WFM, monitor

3. Adjustment/Checking method

(1) Connect an optional board to the SLOT 1, set OUT3, 4 to the PGM, and check the output signals.

(2) Connect an optional board to the SLOT 2, set OUT5, 6 to the PGM, and check the output signals.

4. Specification/Checking

Follow the Specification.

Free from noise, skipped bit, etc.

2-2-25.Total check

1. **Input conditions**
   Prepare the Main and Panel boards of which operations have already been checked, and connect them with respective cables.
   Input AC power and turn on the power switch.
   Input analog signals to IN1-4. (HD1080/59.94i)
   IN4 is a key signal.

2. **Check points**
   PGM (SDI/analog), WFM, monitor
   LED

3. **Adjustment/Checking method**
   Check the system version on the initial screen at the startup.
   Check that “AV-HS400 VER*.**” is displayed.
   The condition must be resumed by turning off and on the power.
   No problem must arise in operation.
   Set the SW1 and SW2 to the initial setting

4. **Specification/Checking**
   Follow the Specification and test data sheet.

2-2-26.Others 1 (Troubleshooting)

1. **Input conditions**
   SDI input error

2. **Checking method**
   · Check the LED and voltage in SDI input system.
   · For the voltage, for instance in IN1 system, check the TP9 (3.3V) and TP8 (1.8V).
   · Check the soldering and position (mechanical center) of VR for EQ adjustment.
   When the cable length is less than specification, adjust with VR.

2-2-27.Others 2 (Troubleshooting)

1. **Input conditions**
   SDI output error

2. **Checking method**
   · Check the LED and voltage in SDI input system.
   · For the voltage, for instance in PGMOUT system, check the TP39 (3.3V) and TP38 (1.8V).

2-2-28.Others 3 (Troubleshooting)

1. **Input conditions**
   Ref lock error

2. **Checking method**
   · Check the LED and voltage of the Ref circuit.
   · For the voltage, check the TP151 (A+5V), TP99 (3.3V_SG), and TP100 (1.8V_SG).
   · Check the pulse after sync separation: TP104 (FP), TP105 (VP), TP106 (HP).
   · Check the reference output pulse after PLL lock: TP120 (FP), TP121 (VP), TP122 (HP)
   · Check if the clock is locked after PLL lock: TP123.

2-3.PANEL P.C.BOARD

2-3-1. Each voltage check

1. **Input conditions**
   Prepare main set and Main board of which operations have already been checked, and connect them with respective cables.
   Input AC power and turn on the power switch.

2. **Check points**
   TP601 (TP602)
   TP603 (TP604)
   TP605 (TP607)

3. **Adjustment/Checking method**
   TP601 (TP602): 5 V
   TP603 (TP604): 3.3 V
   TP605 (TP607): 1.2 V

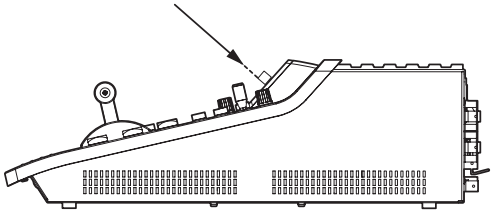
4. **Specification/Checking**
   TP601 (TP602): 4.90-5.10 V
   TP603 (TP604): 3.20-3.40 V
   TP605 (TP607): 1.15-1.25 V
   Free from part overheating.
   Free from other abnormality such as odor.

2-3-2.LCD contrast adjustment

1. **Input conditions**
   Prepare main set and Main board of which operations have already been checked, and connect them with respective cables.
   Input AC power and turn on the power switch.

2. **Check points**
   Contrast adjusting VR (VR602)

3. **Adjustment/Checking method**
   Rotate the VR602 to adjust the contrast.
   1) With the angle θ = 5 to 10° (see below figure), adjust visually so as to attain the most visible contrast.
      * Stop the rotation of VR501 just before the back ground becomes black.
   2) With the main unit placed on the desk, check that the characters on the LCD are legible (no problem in visibility) when you are sitting, and then standing.



2-3-3.Panel check

1. Input conditions

Prepare main set and Main board of which operations have already been checked, and connect them with respective cables.

Input AC power and turn on the power switch.

[Test mode 3 start]

Set the SW and turn on the power switch.

The tests are executed in the following order.

If any switch is pressed, the test proceeds to the next one.

However, for transition from (3) to (4), PGM/A-1 switch and PST/B-10 switch must be pressed at the same time.

(1) LCD display test
→(2) LED lighting test
→(3) Switch ON/OFF test
→(4) Rotary encoder test
→(5) Fader test
→(6) Positioner test → (1)

2. Check points

(1) LCD display
(2) Each LED on Panel board
(3) Each switch on Panel P.C.Board
(4) LCD display
(5) LCD display
(6) LCD display

3. Adjustment/Checking method

(1) LCD display and backlight (BL) ON/OFF
Check that:
· " * " is displayed in all areas of 20 characters x 2 lines.
· BL ON/OFF is executed automatically.

(2) LED lighting
Check that each switch LED, fader LED, KEYON_LED, and FRZ_LED, Patteern page indicator LED, MIX/WIPE selection LED light up.

(3) Switch ON/OFF
Check that the LED comes on when each switch is pressed, and goes off when it is released.

(5) Rotary encoder
Rotating F1-F4, check that the value displayed on the LCD varies.

(5) Fader
Operating the fader, check that the value display on the LCD varies.

(6) Positioner
Operating the positioner, check that the value displayed on the LCD varies.

4. Specification/Checking

(2) Switch (2 color lighting): Red,Green,Amber
Switch (1 color lighting): Amber
KEYON_LED, FRZ_LED: Red
Patteern indicator LED: Green
MIX/WIPE selection LED: Green

(4) Clockwise one click: +1
Counterclockwise one click: -1

(5) Upper limit: 1210
Lower limit: 136

(6) Right side: X value increase
Left side: X value decrease
Upper side: Y value increase
Lower side: Y value decrease

2-4. SD CARD P.C.BOARD

2-4-1. SD card operation check (1)

1. Input conditions

Prepare the main unit and main board of which operation has already been checked, and connect with respective cables.
Input AC power and turn on the power switch.
Insert SD card that saves a BMP file for test into the SD card slot.
(SD card is made of Panasonic)

2. Check points

PGM (ADI/Analog), monitor, LCD

3. Adjustment/Checking method

LOAD test
Load the BMP file saved on the SD card into the FMEM of main unit to check that the contents of file can be loaded normally. (“Complete” will be displayed on the LCD)
D3001 must light (or blink) during loading.
Also, check the image with PGM output.
Check of only 1080/59i format is also possible.

4. Specification/Checking

Noise or skipped bit must not be observed.

2-4-2. SD card operation check (2)

1. Input conditions

Prepare the main unit and main board of which operation has already been checked, and connect with respective cables.
Input AC power and turn on the power switch.
Insert SD card for test into the SD card slot.
(SD card is made of Panasonic)

2. Check points

PC, PC monitor, LCD

3. Adjustment/Checking method

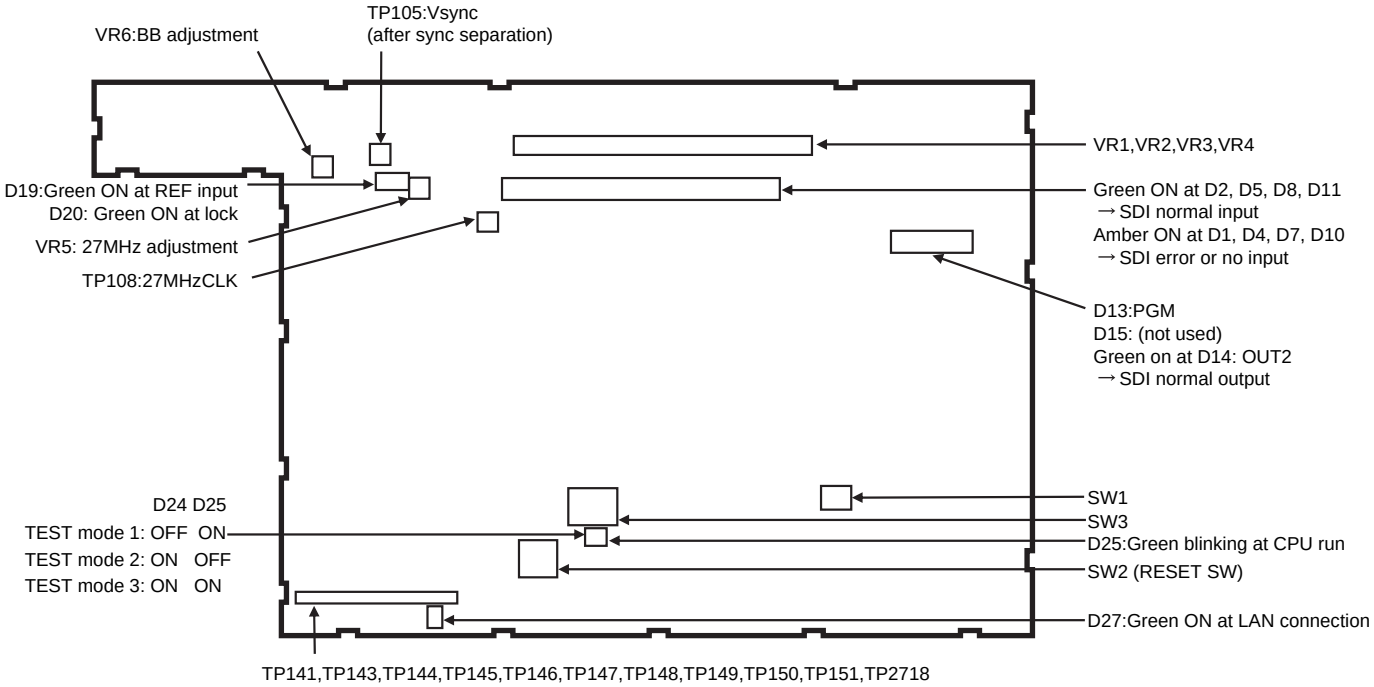
SAVE test
Save the image of FMEM loaded in 2-5-2 on the SD card to check that it can be saved normally. (“Complete” will be displayed on the LCD)
D3001 must light (or blink) during saving.
Also, check the image with PGM output.
Check of only 1080/59i format is also possible.

4. Specification/Checking

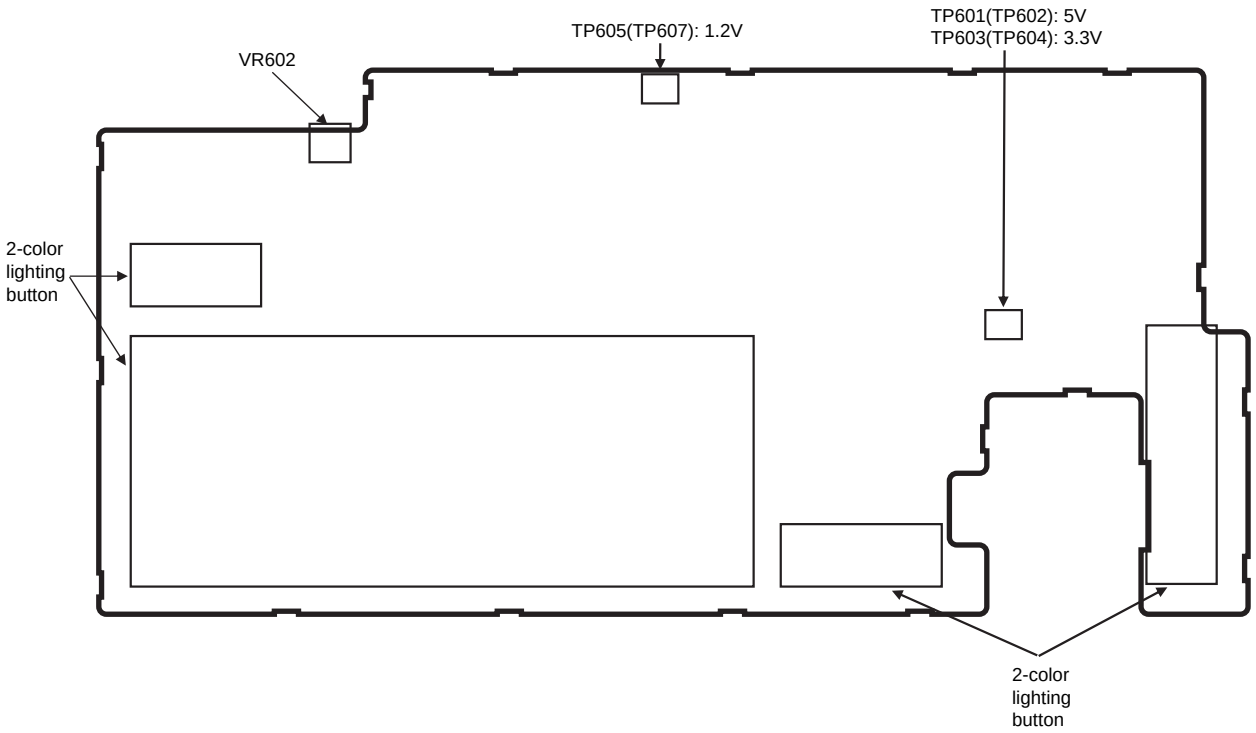
Noise or skipped bit must not be observed.

3.ADJUSTMENT LOCATIONS

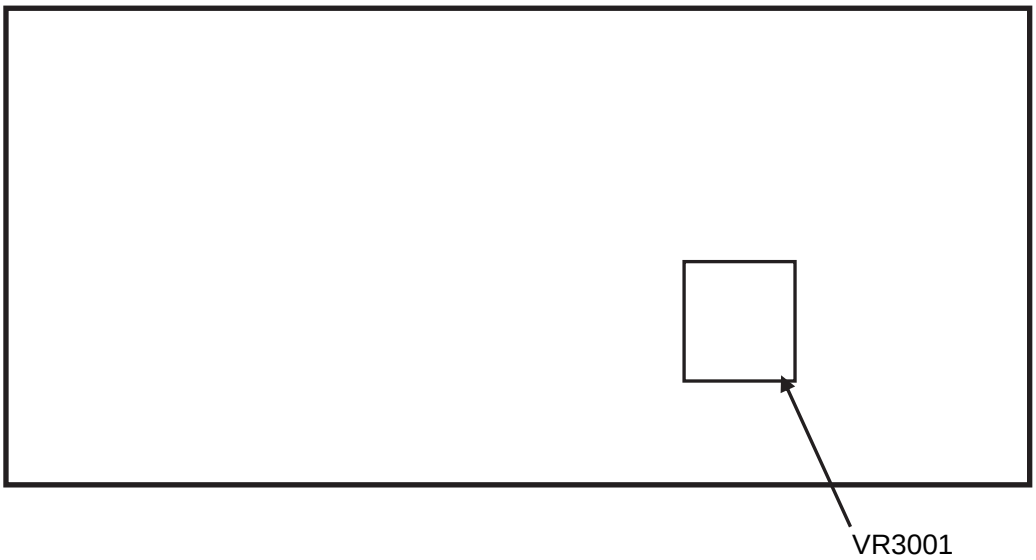
MAIN P.C.BOARD



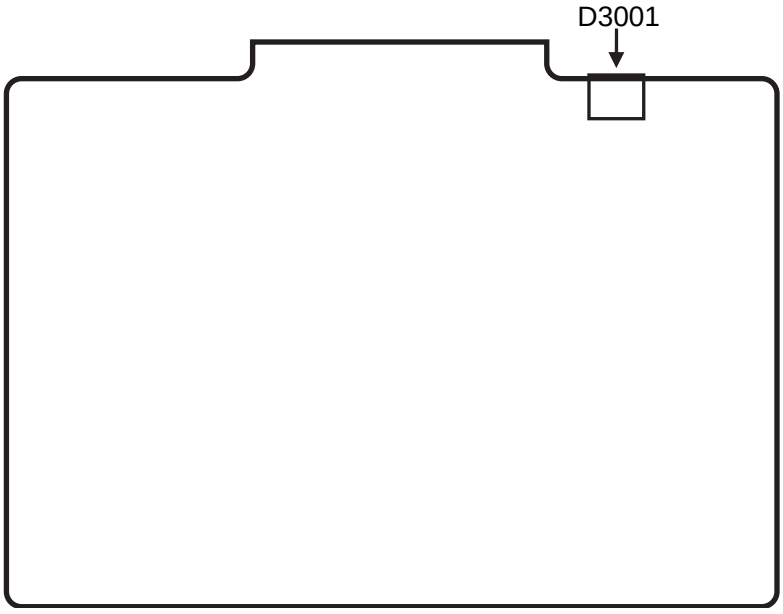
PANEL P.C.BOARD



POWER P.C.BOARD (E/MC MODEL ONLY)



SD CARD P.C.BOARD



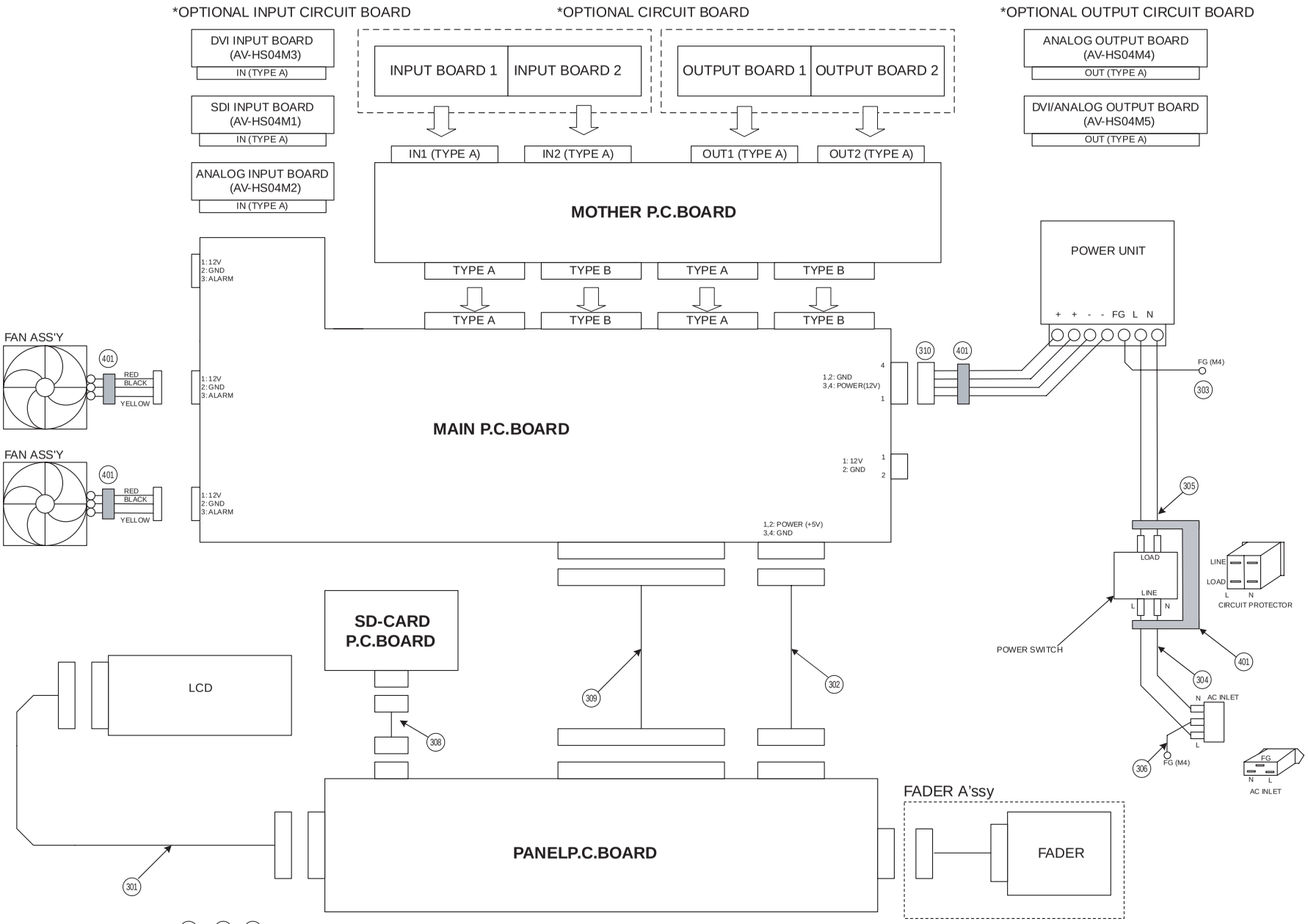
SECTION 3

BLOCK DIAGRAMS

CONTENTS

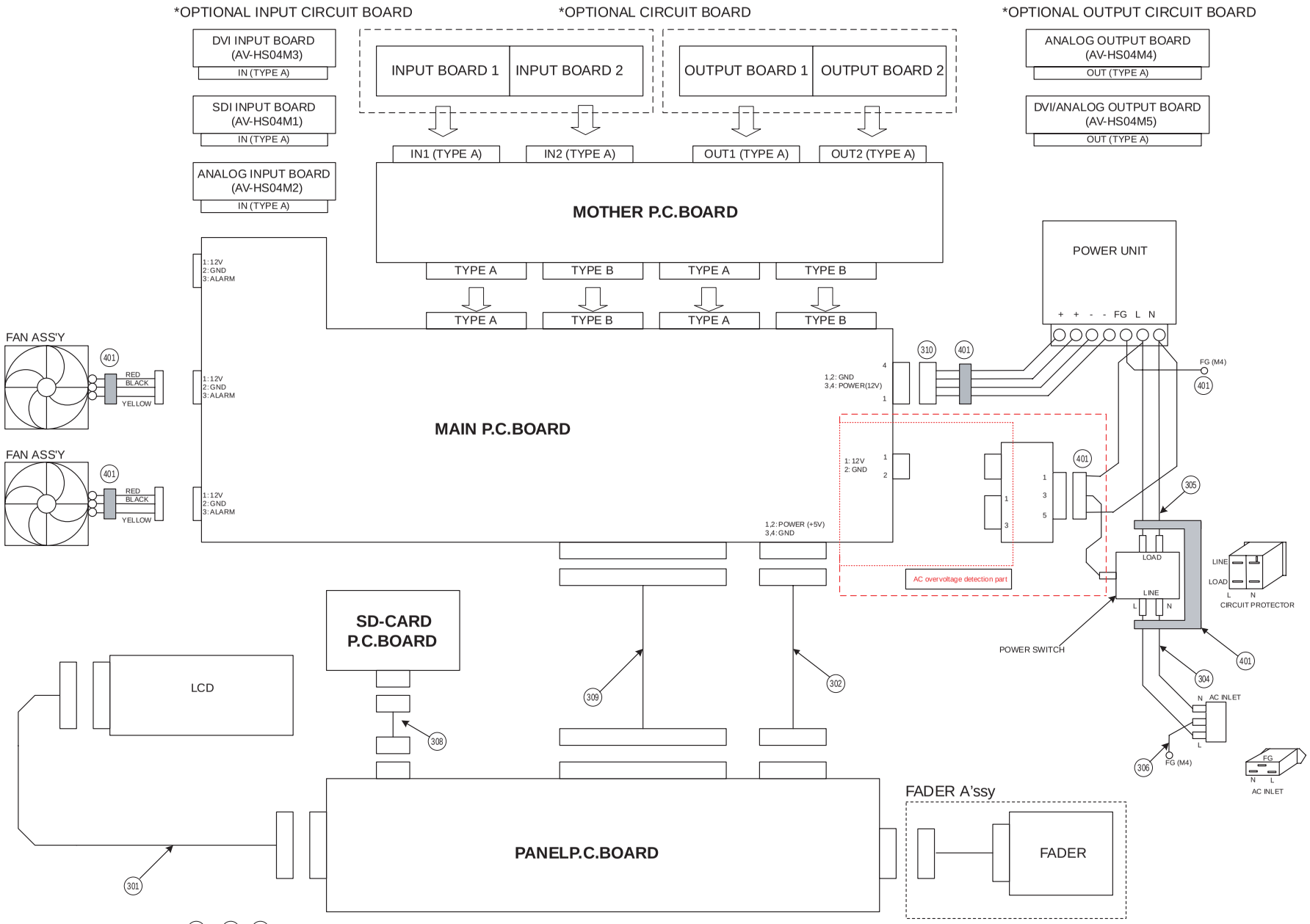
WIRING DIAGRAM [AV-HS400AN] BLK-1
WIRING DIAGRAM [AV-HS400AE/AMC] BLK-2

WIRING DIAGRAM [AV-HS400AN]



Note: (301) ~ (310) , (401) Refer to Replacement Parts List. (See Page PRT-2)

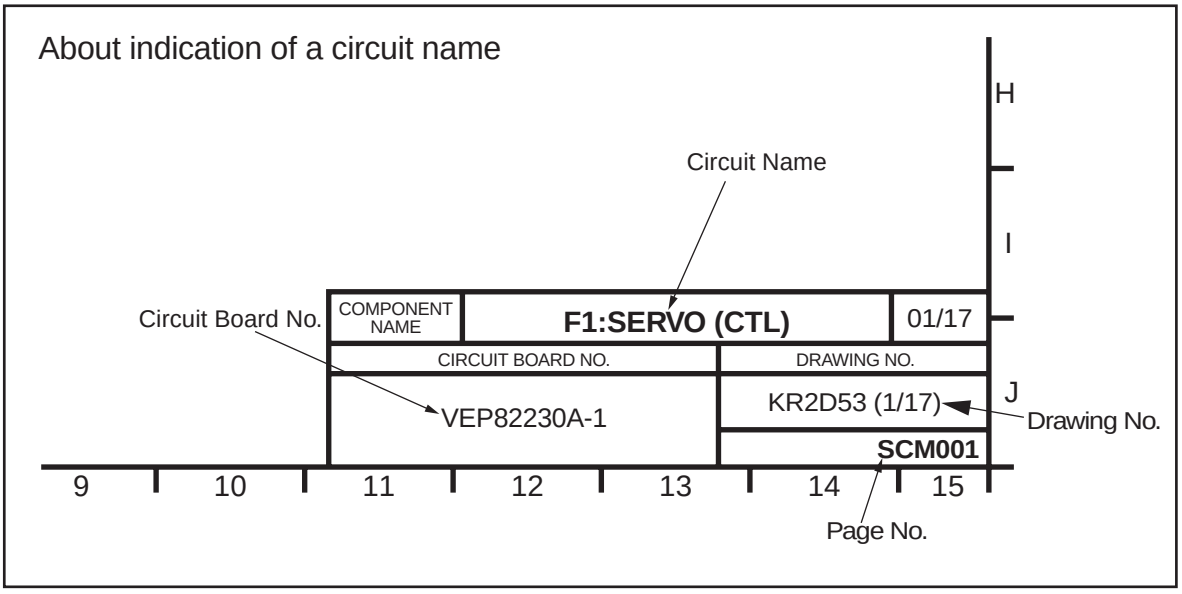
WIRING DIAGRAM [AV-HS400AE/AMC]



Note: (301) ~ (310) , (401) Refer to Replacement Parts List. (See Page PRT-2)

SECTION 4

SCHEMATIC DIAGRAMS



NOTE:

BE SURE TO MAKE YOUR ORDERS OF REPLACEMENT PARTS ACCORDING TO PARTS LIST, SECTION 5.

CAUTION

THE ▭ MARK INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT.
PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

CONTENTS

PANEL

PANEL (1/7) SCM001
PANEL (2/7) SCM002
PANEL (3/7) SCM003
PANEL (4/7) SCM004
PANEL (5/7) SCM005
PANEL (6/7) SCM006
PANEL (7/7) SCM007

MAIN PROCESS

MAIN (1/34) SCM008
MAIN (2/34) SCM009
MAIN (3/34) SCM010
MAIN (4/34) SCM011
MAIN (5/34) SCM012
MAIN (6/34) SCM013
MAIN (7/34) SCM014
MAIN (8/34) SCM015
MAIN (9/34) SCM016
MAIN (10/34) SCM017
MAIN (11/34) SCM018
MAIN (12/34) SCM019
MAIN (13/34) SCM020
MAIN (14/34) SCM021
MAIN (15/34) SCM022
MAIN (16/34) SCM023
MAIN (17/34) SCM024
MAIN (18/34) SCM025
MAIN (19/34) SCM026
MAIN (20/34) SCM027
MAIN (21/34) SCM028
MAIN (22/34) SCM029
MAIN (23/34) SCM030
MAIN (24/34) SCM031
MAIN (25/34) SCM032
MAIN (26/34) SCM033
MAIN (27/34) SCM034
MAIN (28/34) SCM035
MAIN (29/34) SCM036
MAIN (30/34) SCM037
MAIN (31/34) SCM038
MAIN (32/34) SCM039
MAIN (33/34) SCM040
MAIN (34/34) SCM041

MOTHER

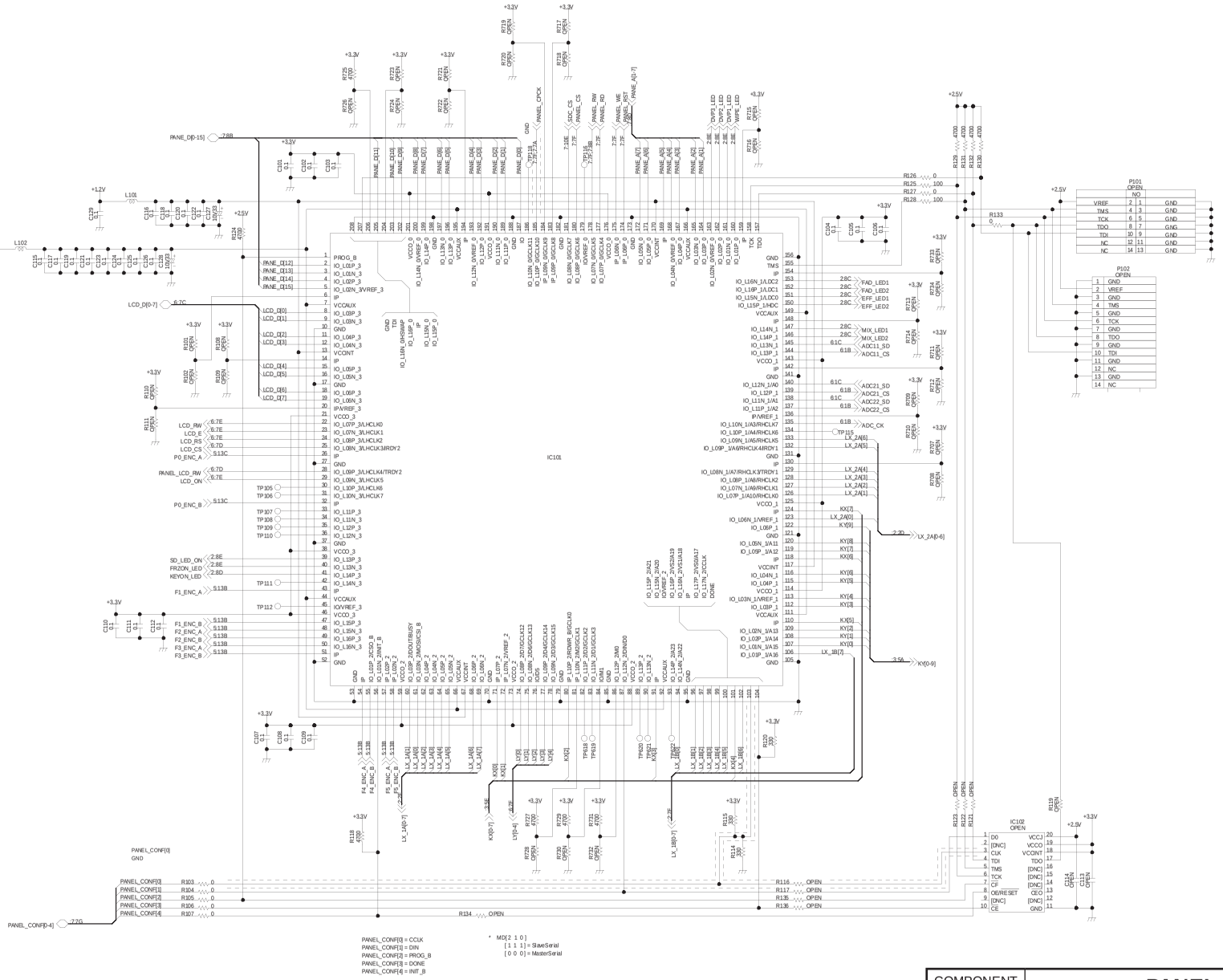
MOTHER (1/4) SCM042
MOTHER (2/4) SCM043
MOTHER (3/4) SCM044
MOTHER (4/4) SCM045

SD-CARD

SD-CARD (1/1) SCM046

POWER [E/MC ONLY]

POWER (1/1) SCM047

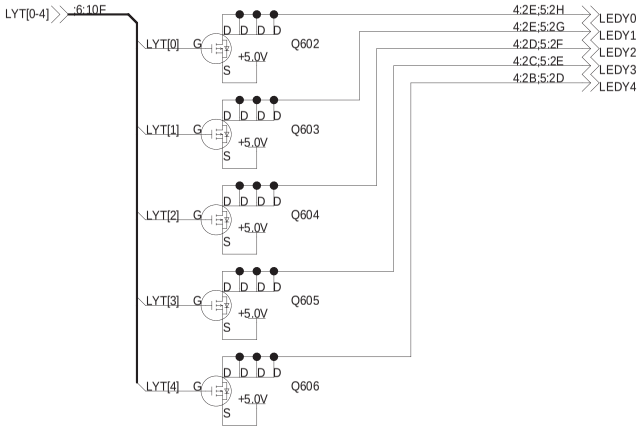


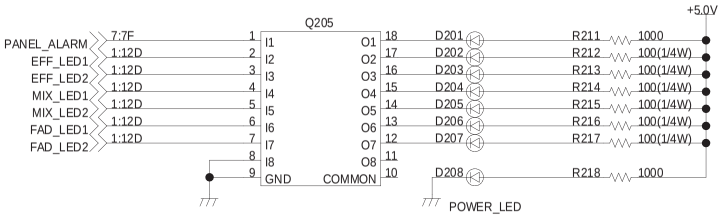
PANEL-FPGA

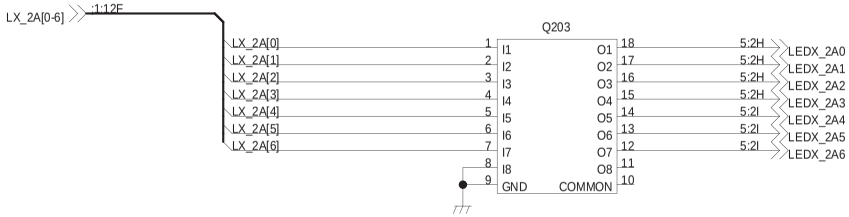
IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

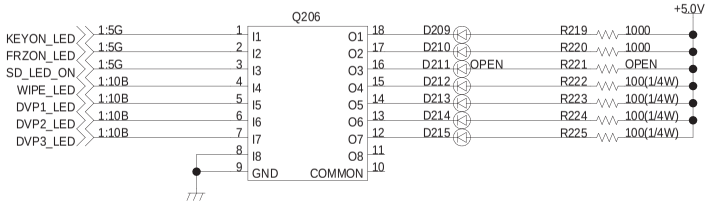
⚠警告 ⚠ 印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

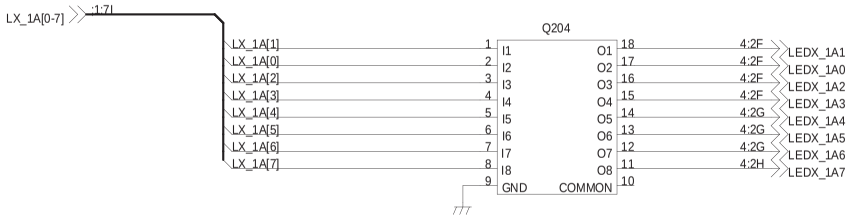
COMPONENT NAME	PANEL	01/07
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0589	B162K939B (1/7)	
	SCM001	

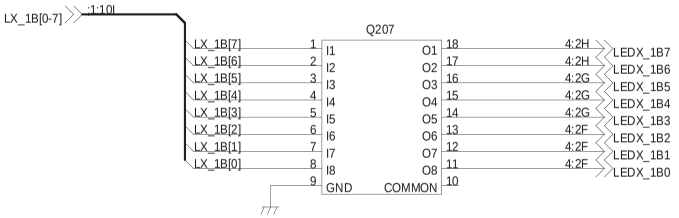












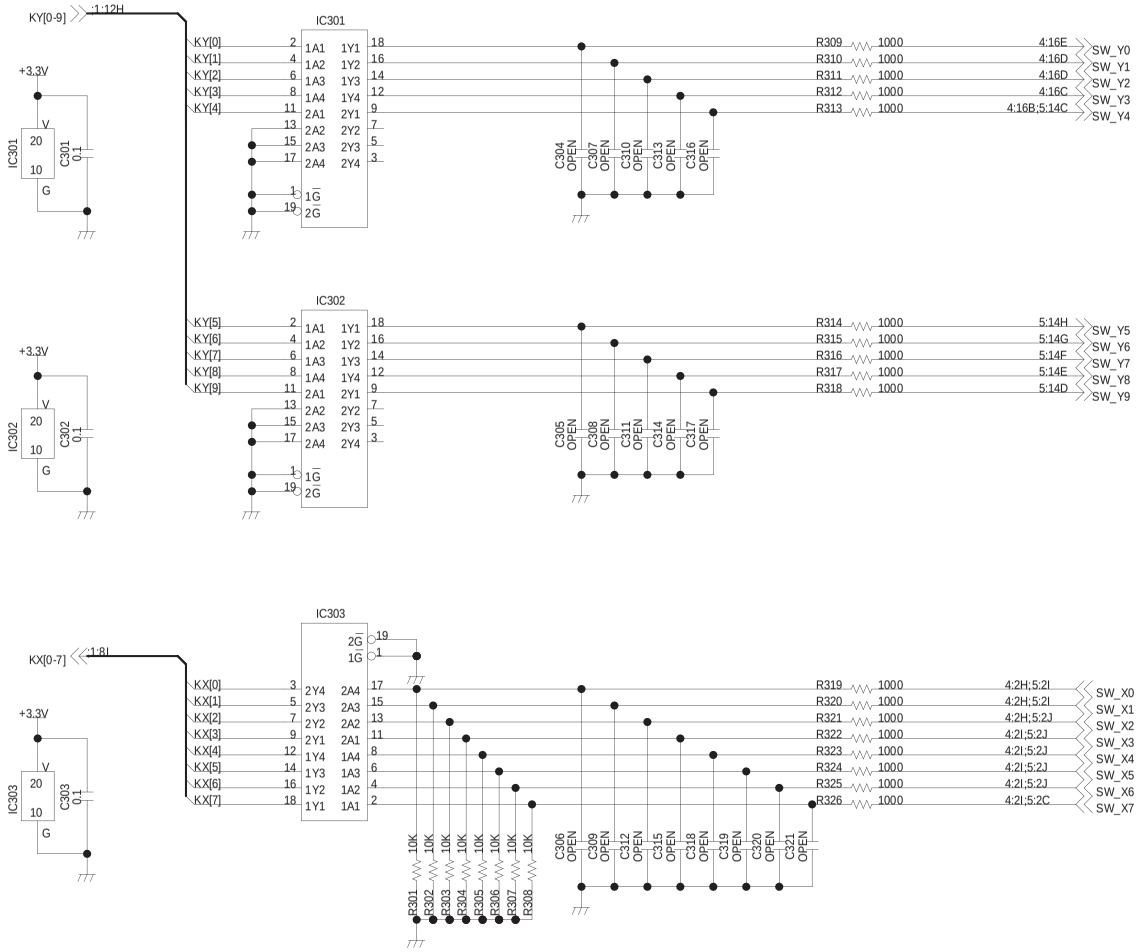
LED DRIVE

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠ 印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	PANEL	02/07
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0589	B162K939B (2/7)	
	SCM002	

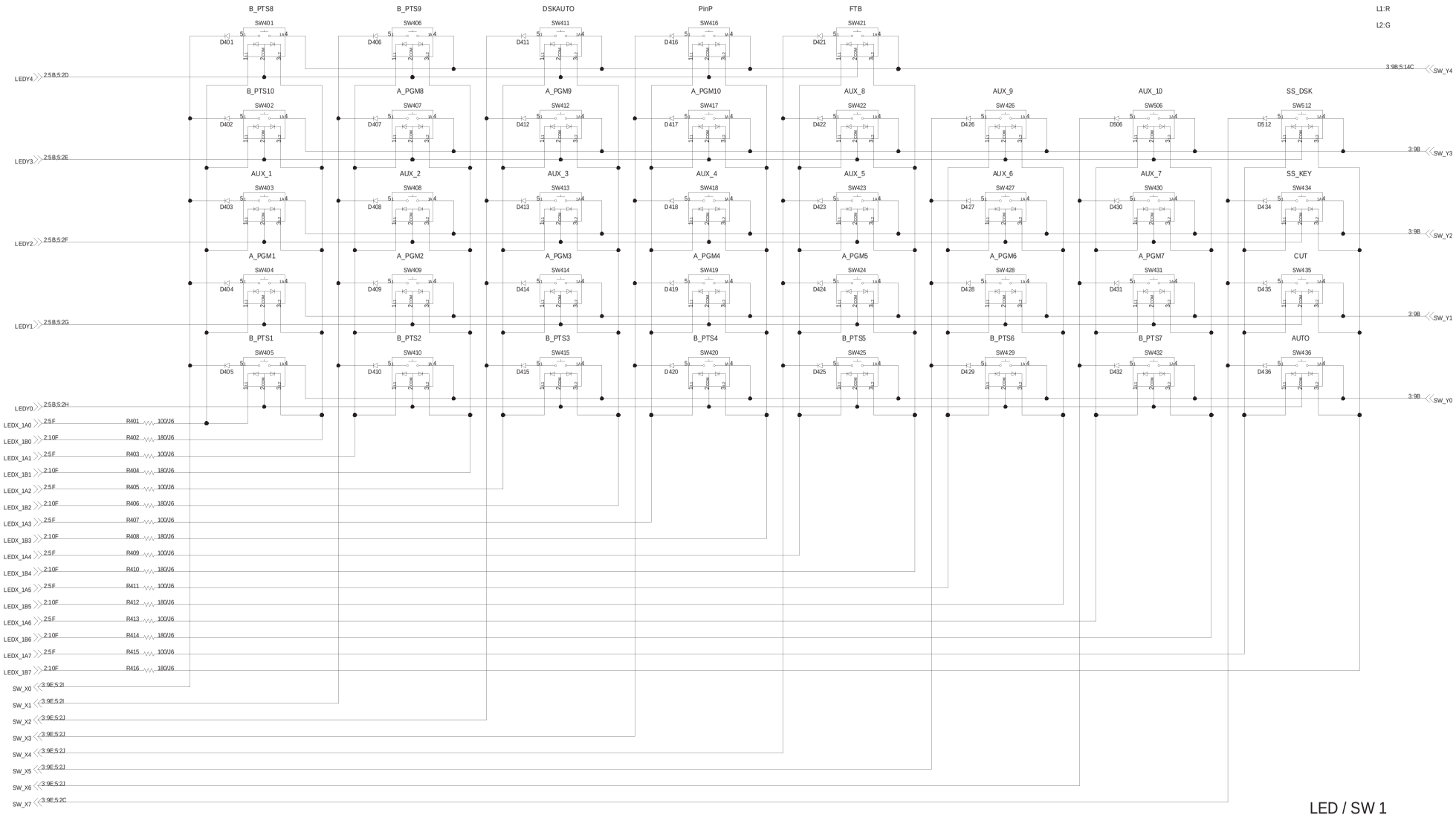
	X0	X1	X2	X3	X4	X5	X6	X7
Y9	FUNC	KY_PAT	BG_PAT	N/R	R	-	-	P0_ENC
Y8	EF_KEY	EF_CHR	EF_FRZ	EF_TIME	EF_EFF	EF_COL	-	F5_ENC
Y7	EF_MEM	EF_XPT	EF_SYS	EF_DSK	EF_PinP	EF_INOUT	-	F4_ENC
Y6	MIX	EFFECT	BKGD	KEY	USER1	USER2	-	F3_ENC
Y5	-	-	SS_PinP	SS_AUX	N_CLN	NR-PVW	R-PGM	F2_ENC
Y4	B_PST8	B_PST9	DSKAUTO	PinP	FTB	-	-	F1_ENC
Y3	B_PTS10	A_PGM8	A_PGM9	A_PGM10	AUX_8	AUX_9	AUX_10	SS_DSK
Y2	AUX_1	AUX_2	AUX_3	AUX_4	AUX_5	AUX_6	AUX_7	SS_KEY
Y1	A_PGM1	A_PGM2	A_PGM3	A_PGM4	A_PGM5	A_PGM6	A_PGM7	CUT
Y0	B_PTS1	B_PTS2	B_PTS3	B_PTS4	B_PTS5	B_PTS6	B_PTS7	AUTO



IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	PANEL	03/07
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0589	B162K939B (3/7)	
	SCM003	

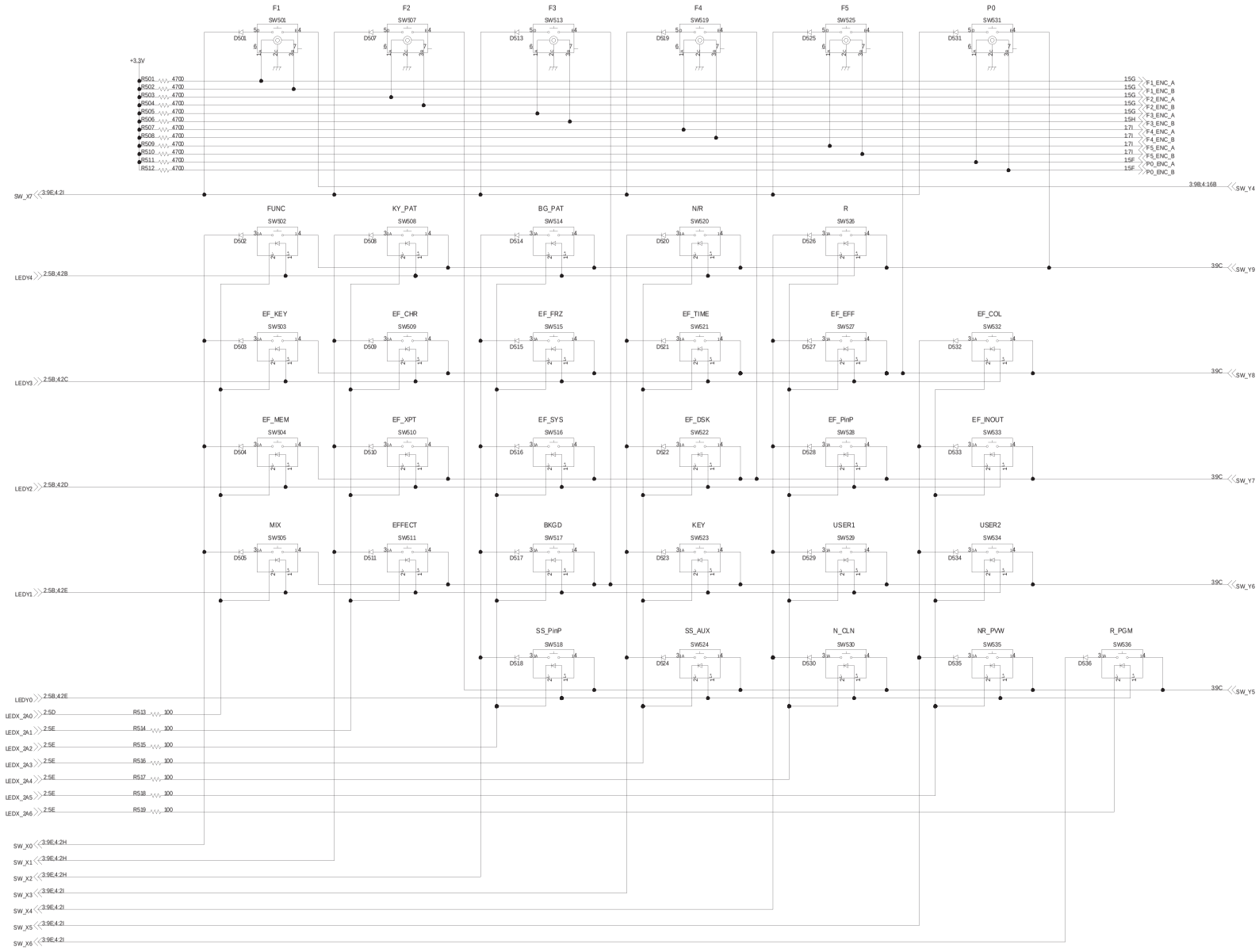


LED / SW 1

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	PANEL	04/07
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0589	B162K939B (4/7)	
	SCM004	

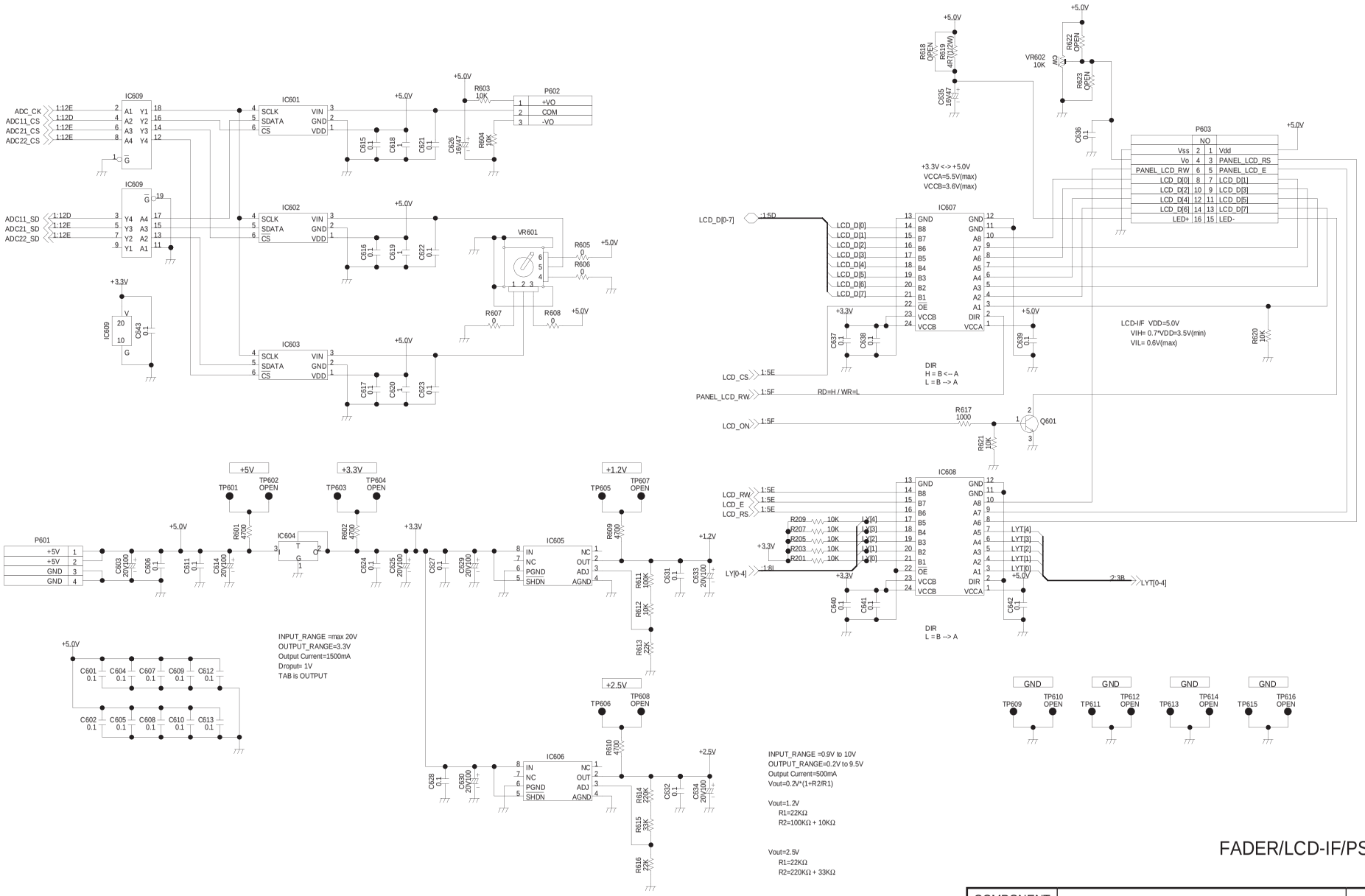


LED / SW 2

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	PANEL	05/07
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0589	B162K939B (5/7)	
	SCM005	

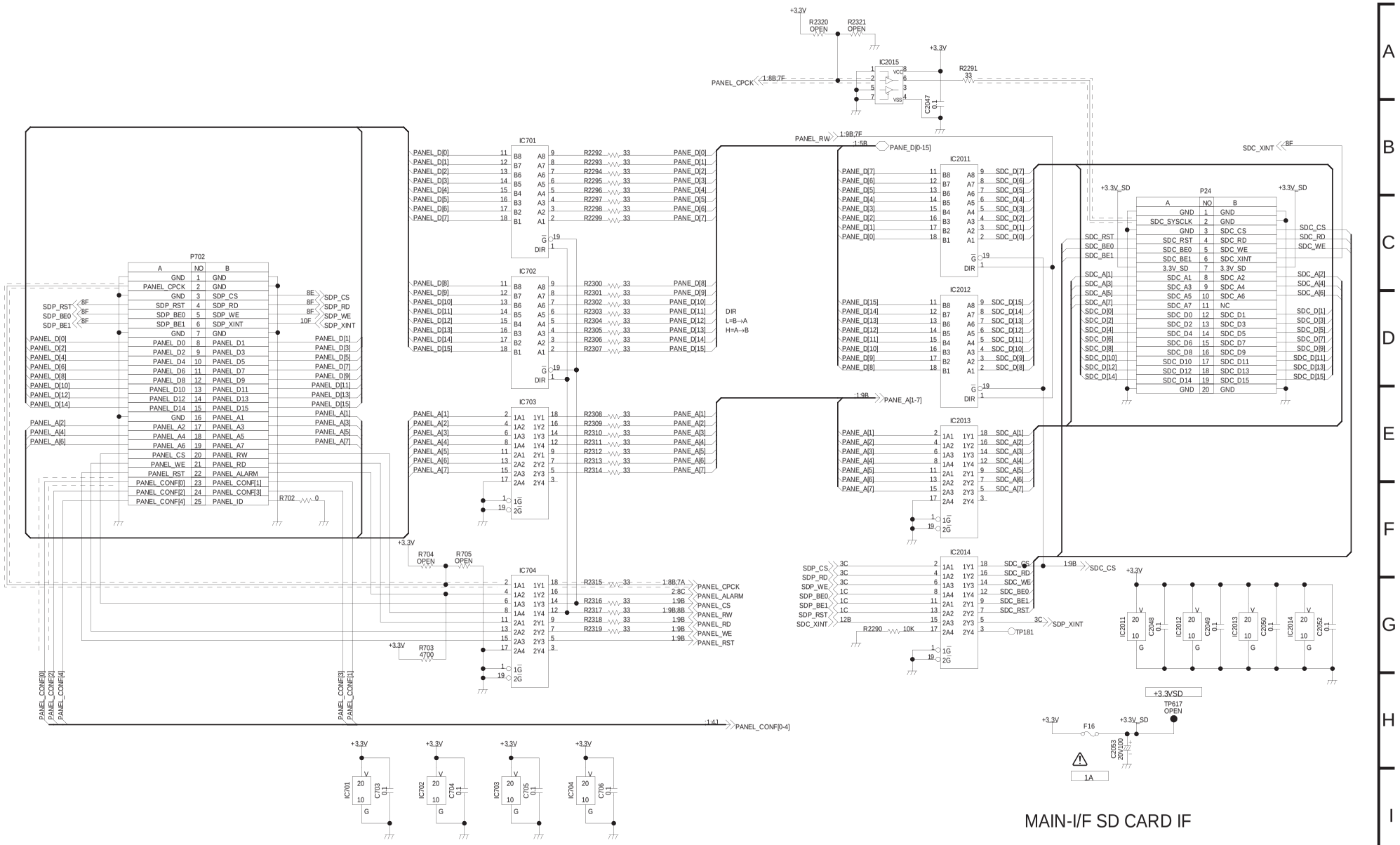


FADER/LCD-IF/PS

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	PANEL	06/07
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0589	B162K939B (6/7)	
	SCM006	

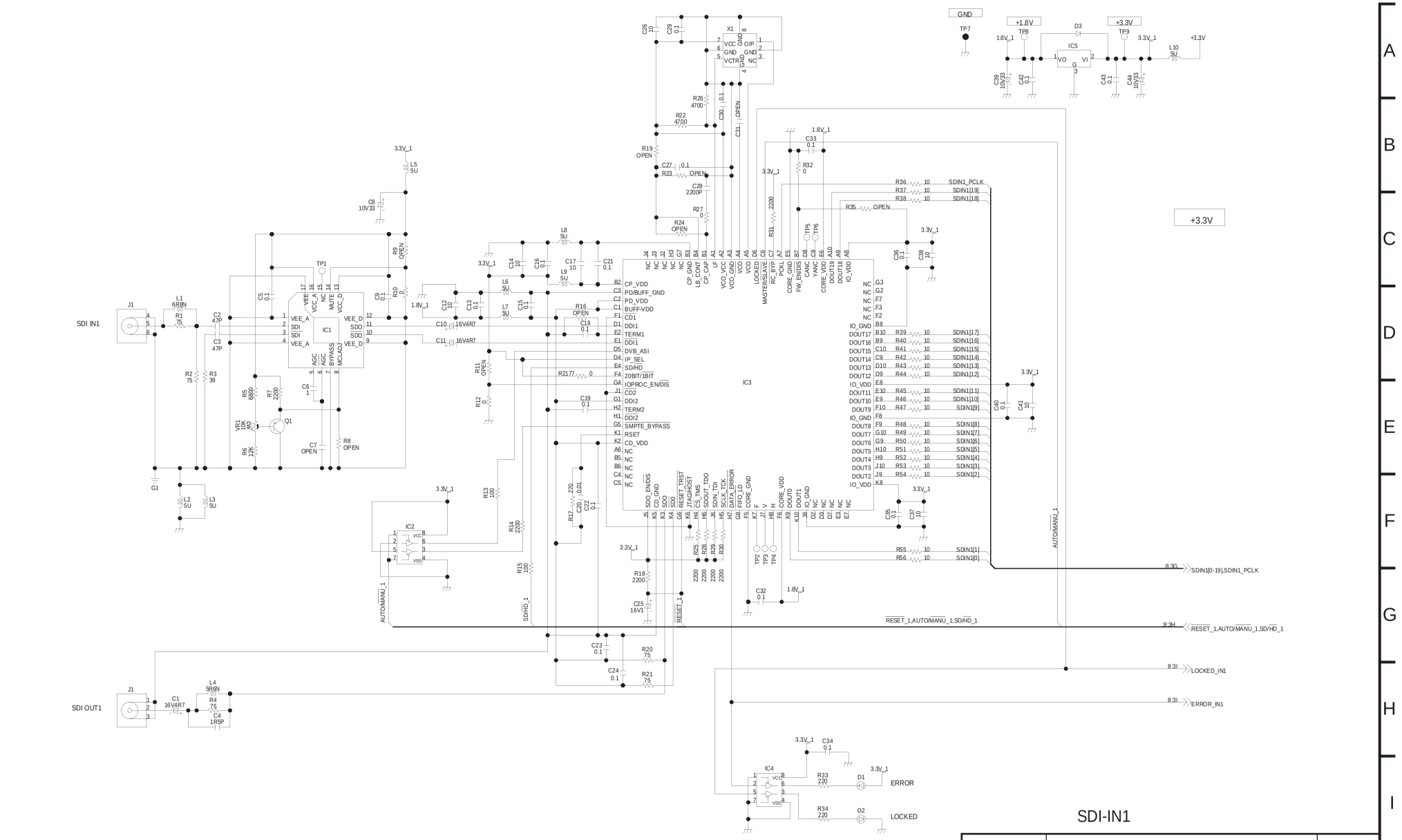


MAIN-I/F SD CARD IF

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	PANEL	07/07
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0589	B162K939B (7/7)	
	SCM007	

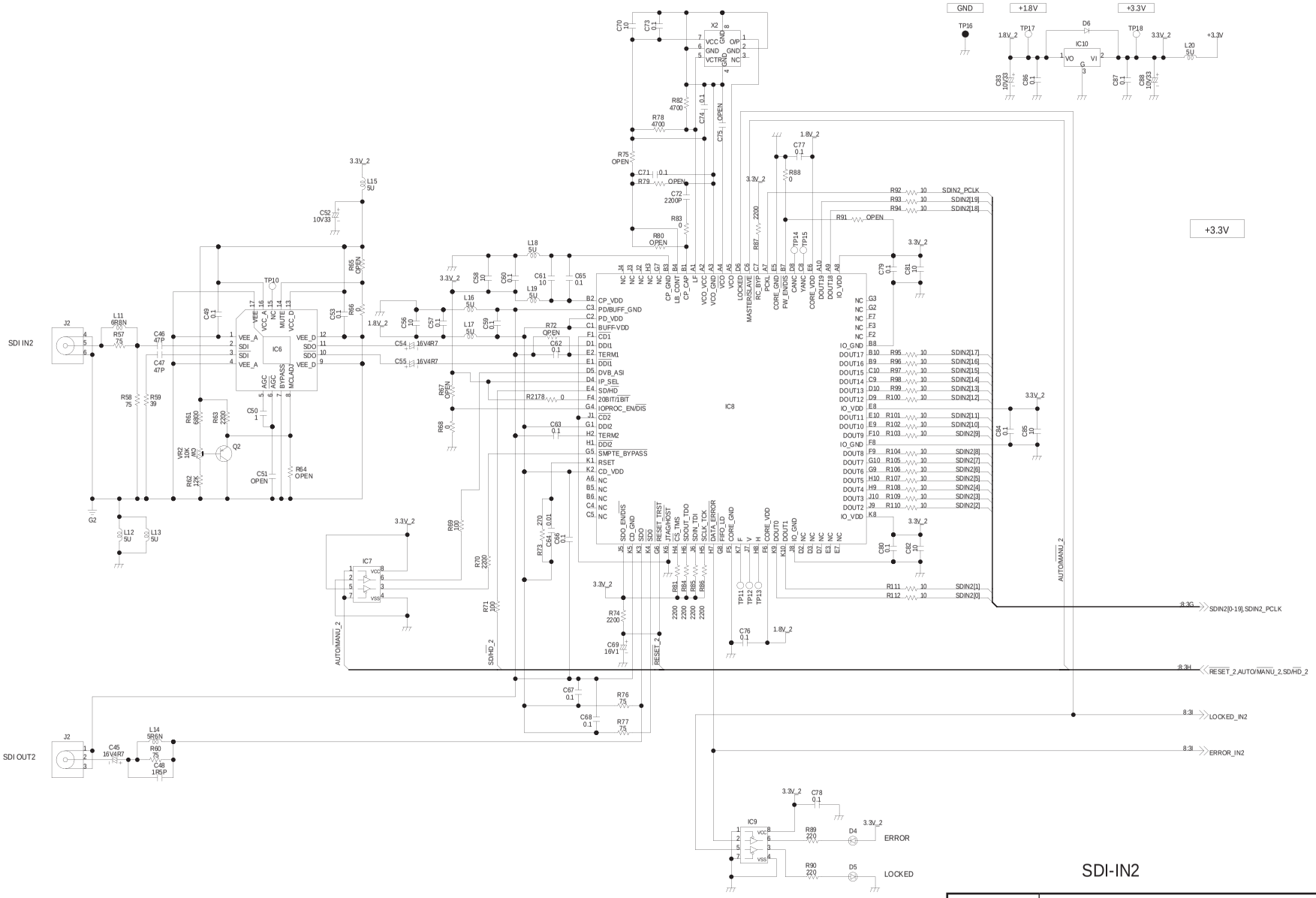


SDI-IN1

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	MAIN	01/34
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0588	B162K938B (1/34)	
	SCM008	

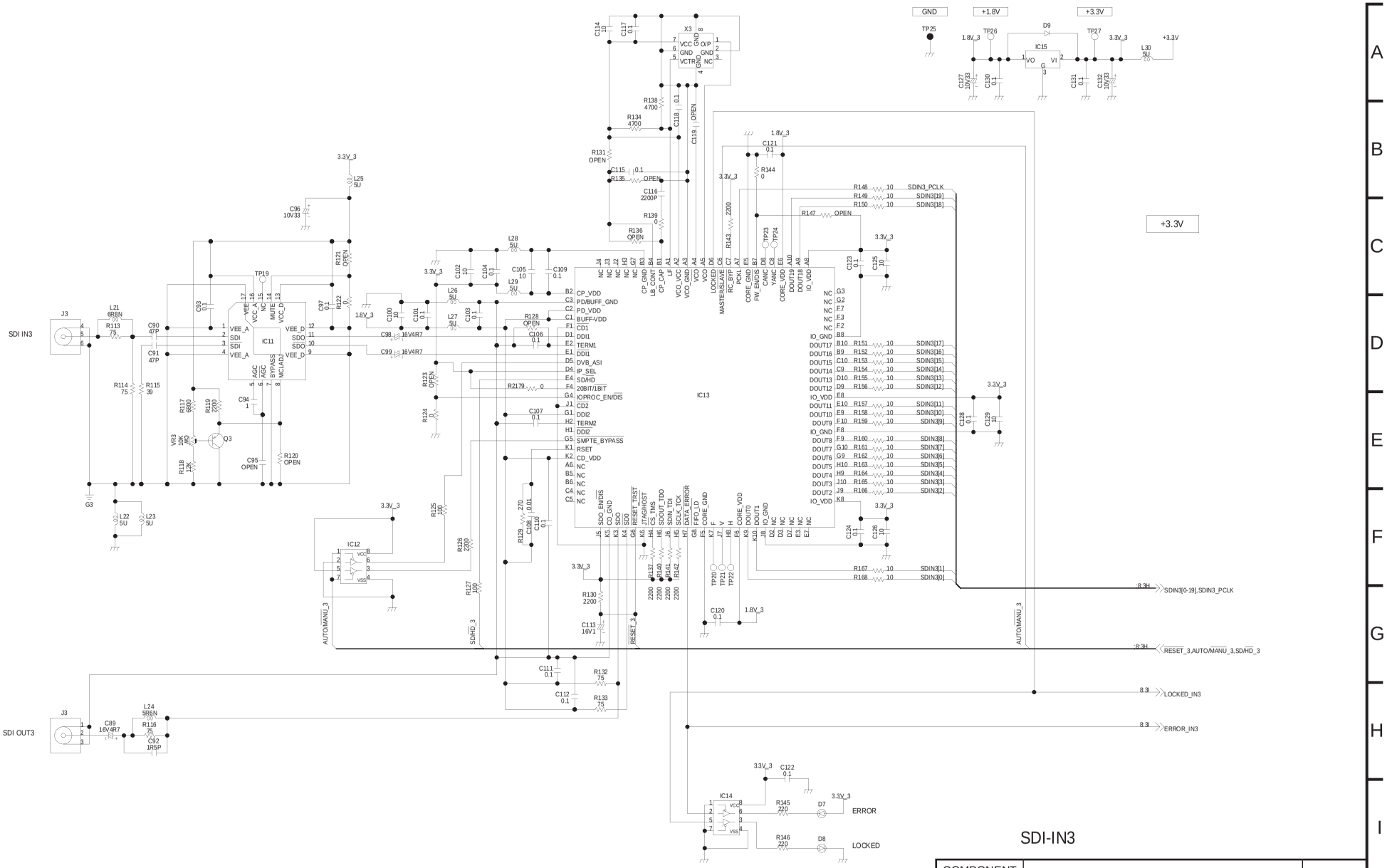


SDI-IN2

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠ 印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	MAIN	02/34
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0588	B162K938B (2/34)	
	SCM009	

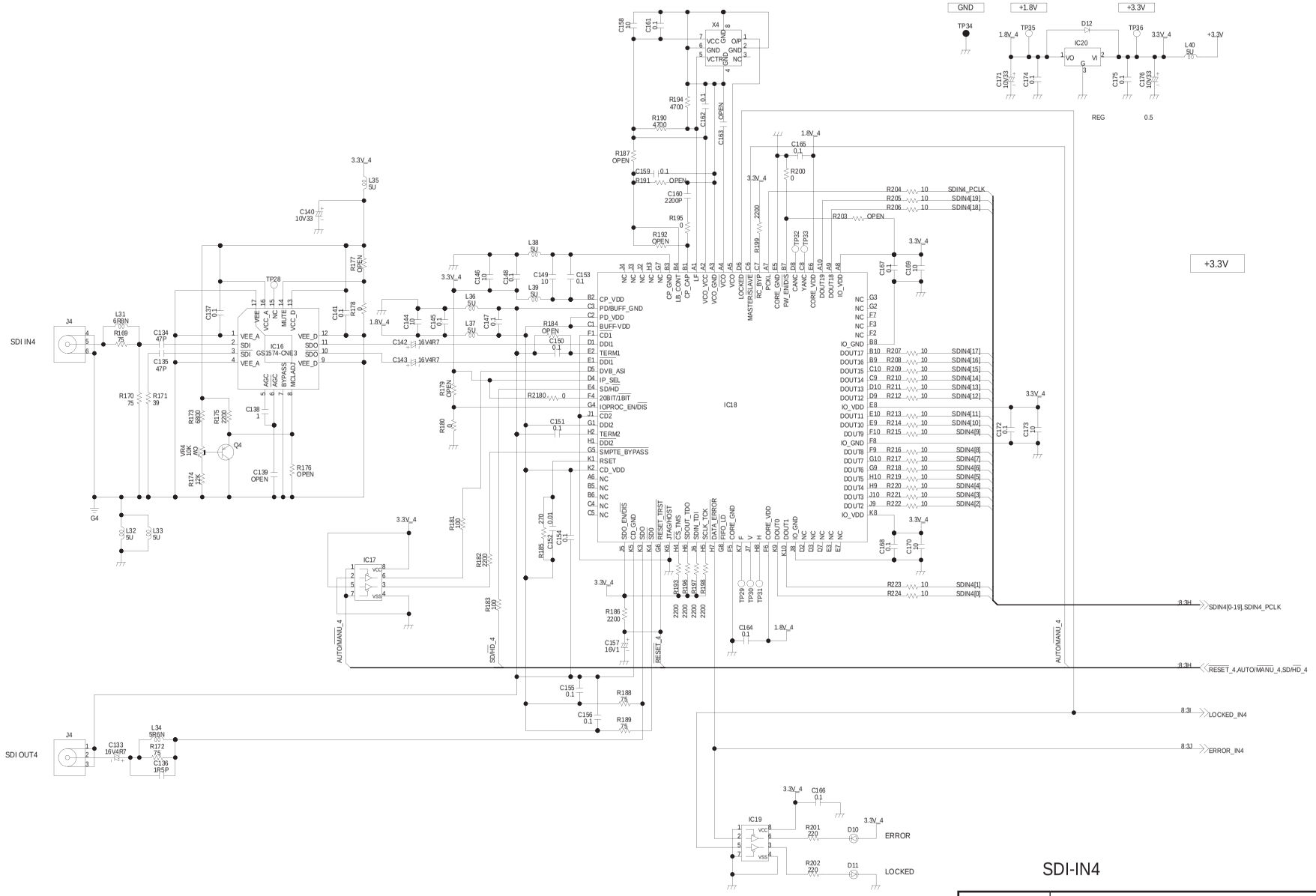


SDI-IN3

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠ 印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	MAIN	03/34
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0588	B162K938B (3/34)	
	SCM010	

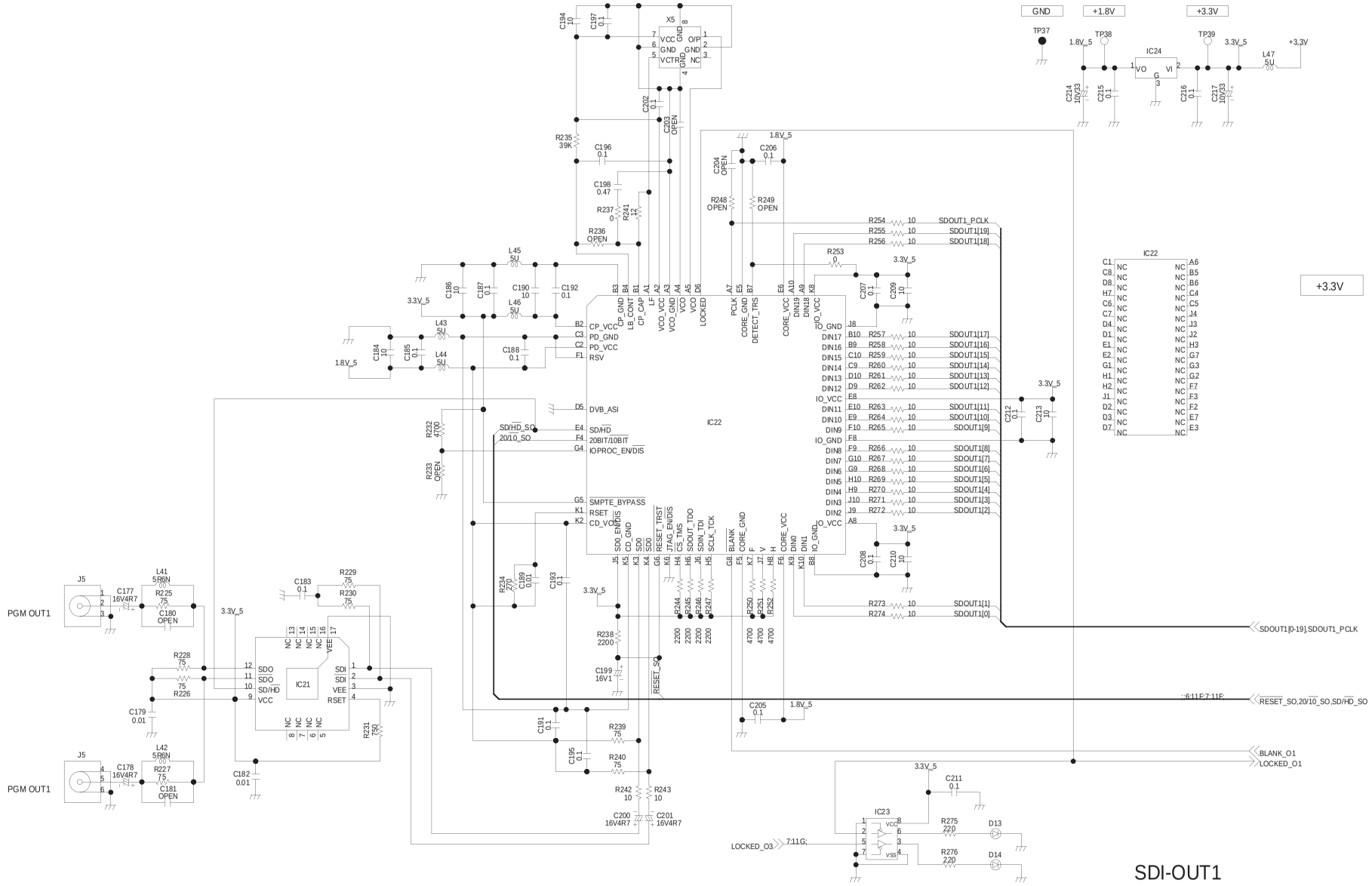


SDI-IN4

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠ 印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

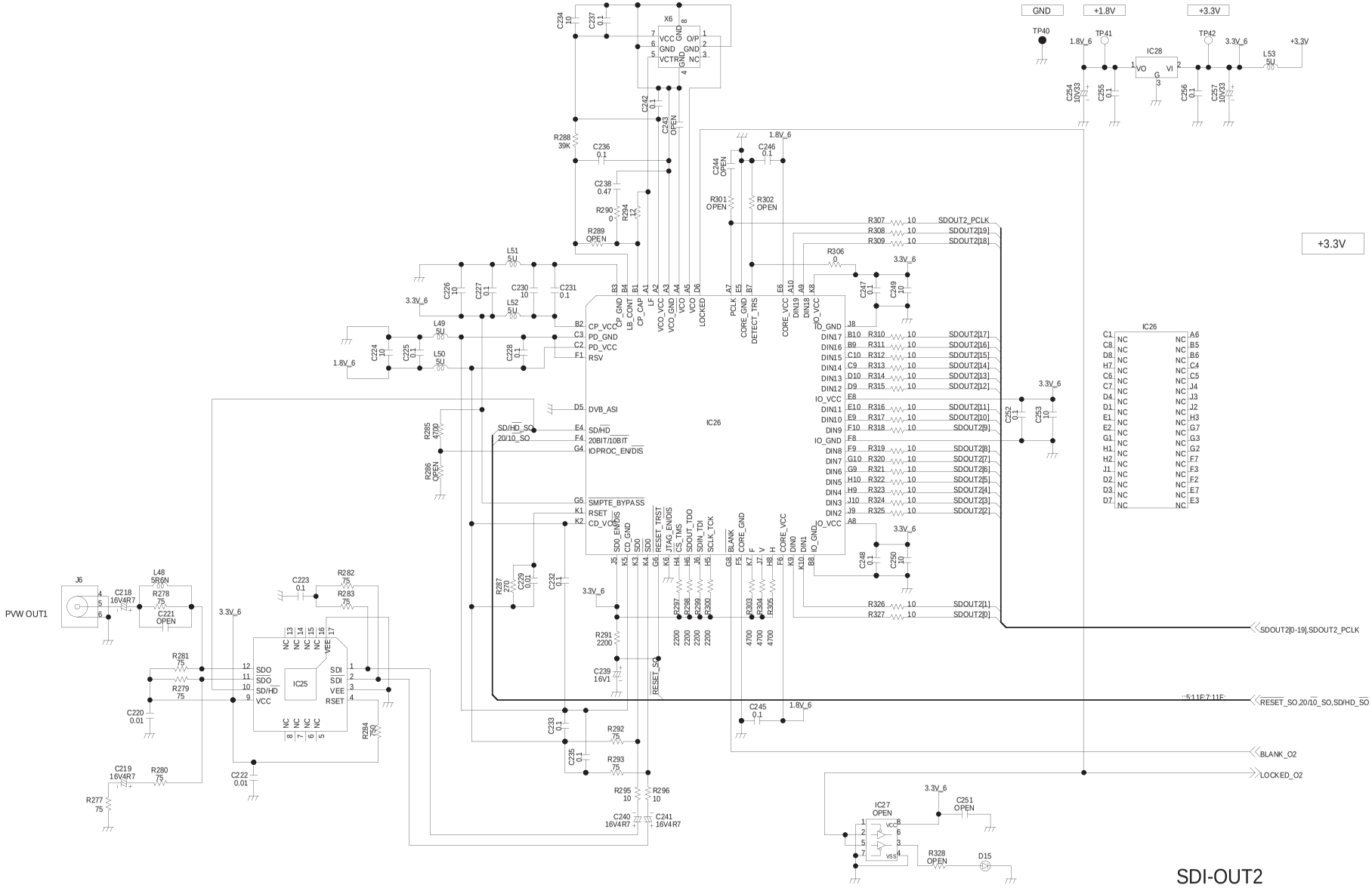
COMPONENT NAME	MAIN	04/34
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0588	B162K938B (4/34)	
	SCM011	



IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	MAIN	05/34
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0588	B162K938B (5/34)	
	SCM012	



IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
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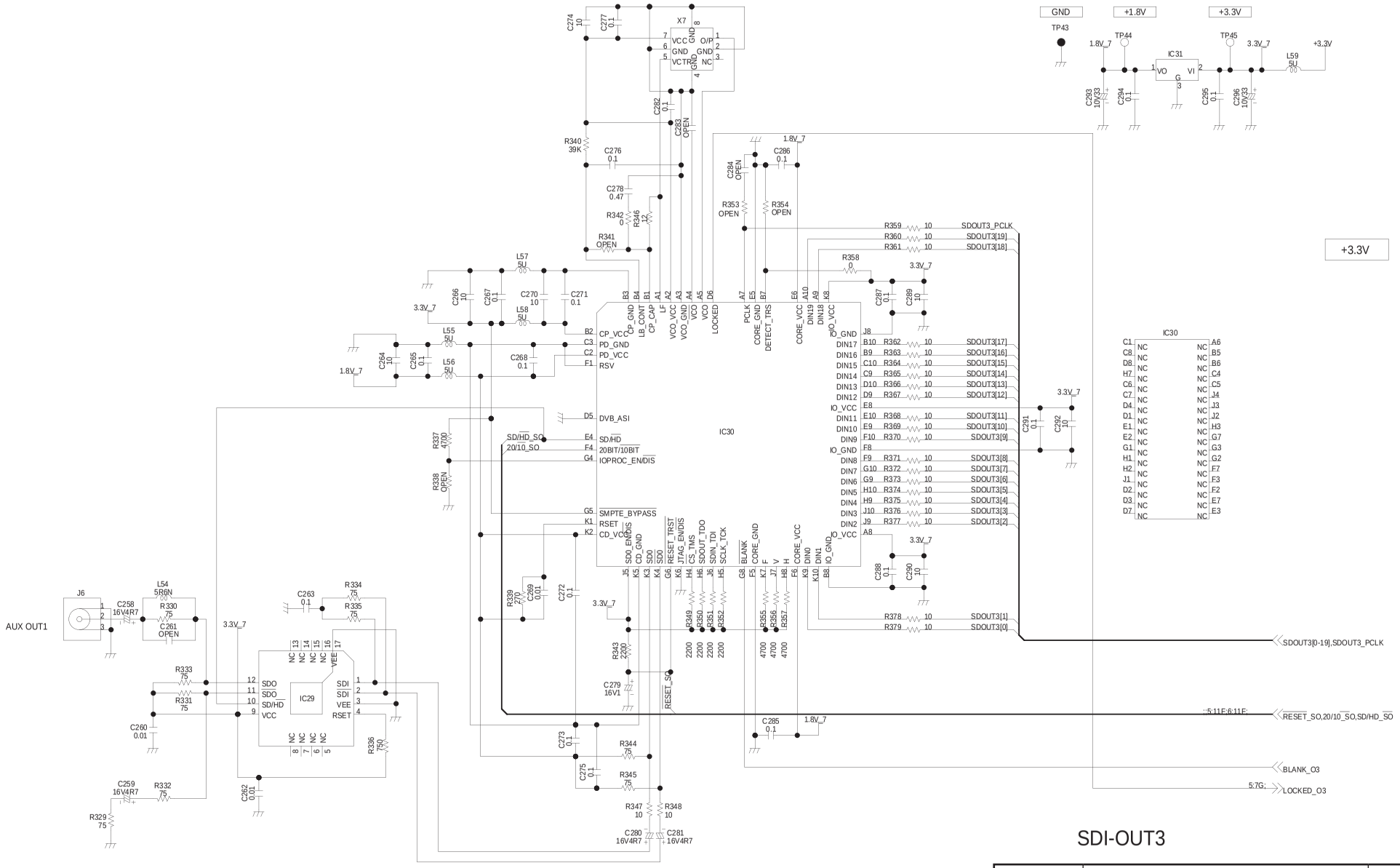
⚠警告 ⚠印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	MAIN	06/34
CIRCUIT BOARD NO.		DRAWING NO.
SVEPB0588		B162K938B (6/34)
		SCM013



IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
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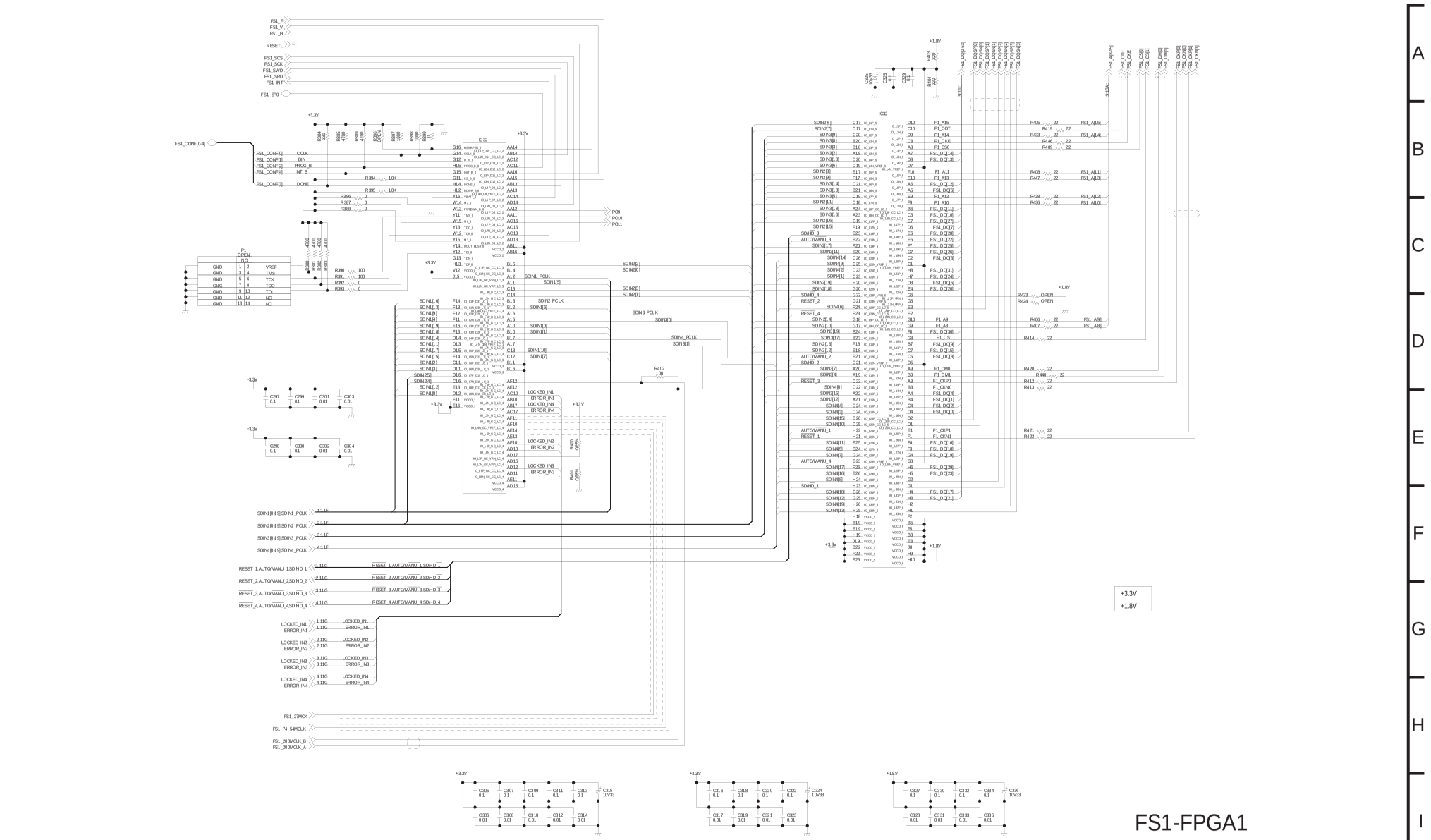
⚠警告 ⚠印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	MAIN	07/34
CIRCUIT BOARD NO.		DRAWING NO.
SVEPB0588		B162K938B (7/34)
		SCM014



IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

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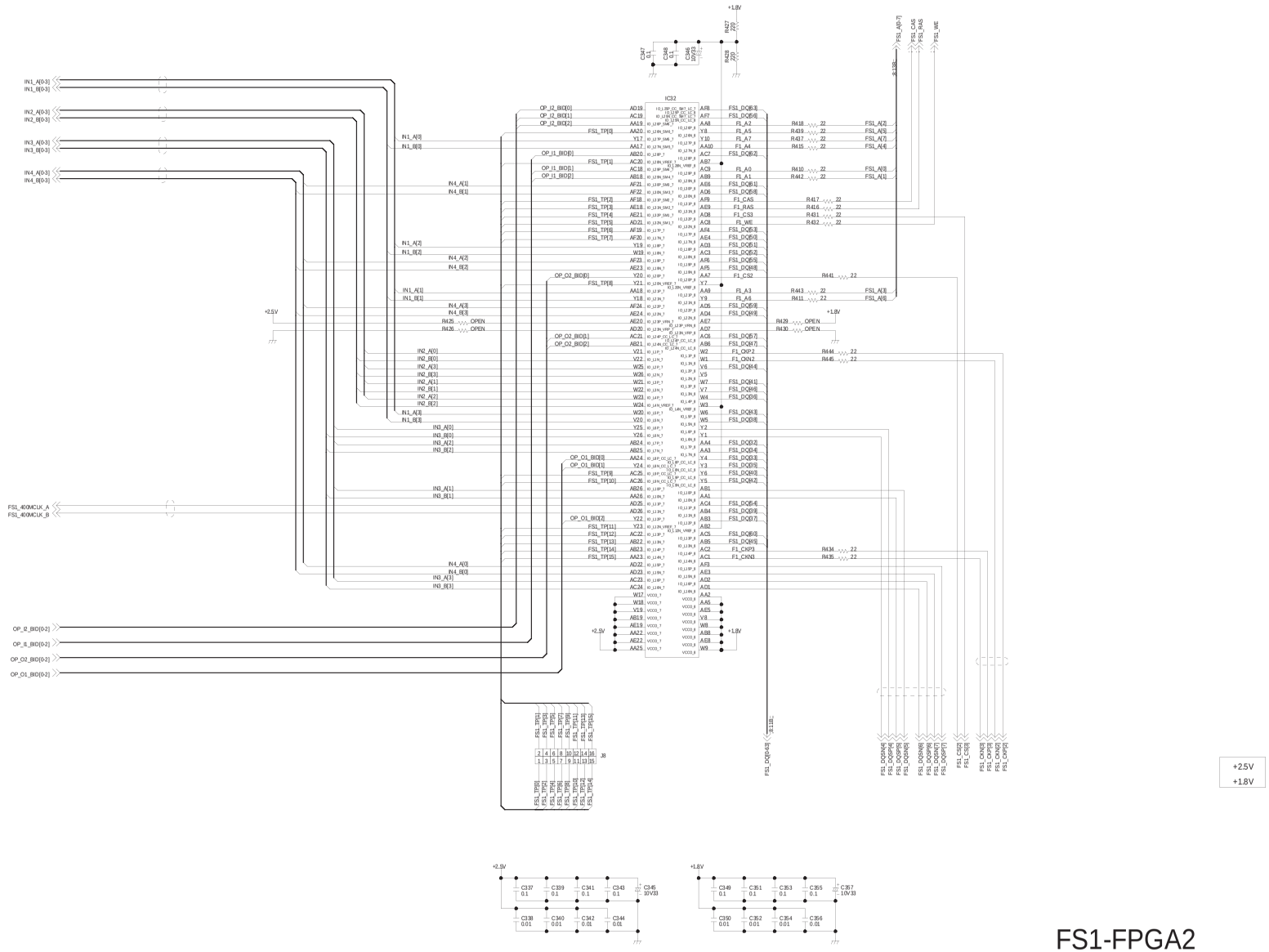
COMPONENT NAME	MAIN	08/34
CIRCUIT BOARD NO.		DRAWING NO.
SVEPB0588		B162K938B (8/34)
		SCM015

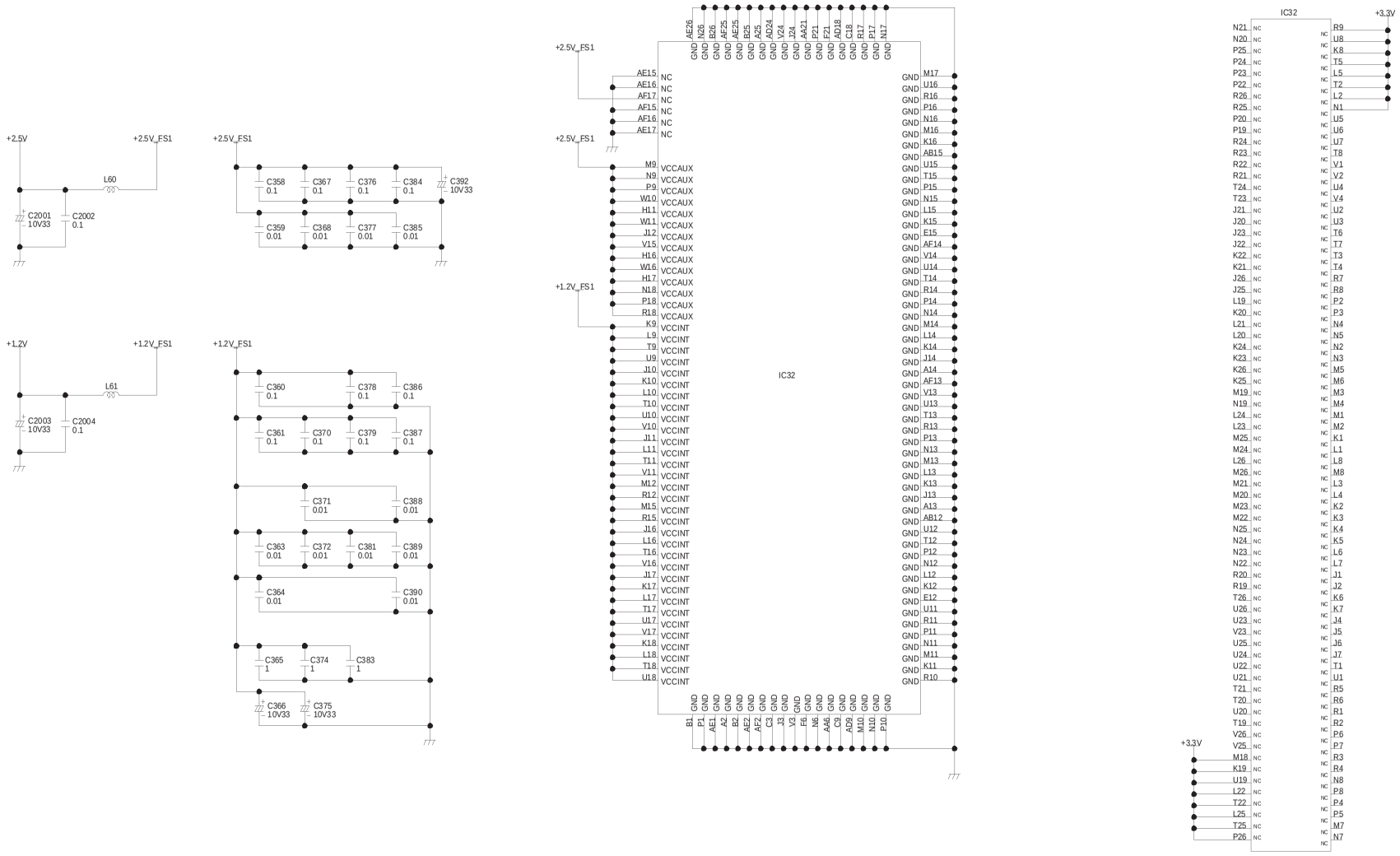


FS1-FPGA2

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	MAIN	09/34
CIRCUIT BOARD NO.		DRAWING NO.
SVEPB0588		B162K938B (9/34)
		SCM016

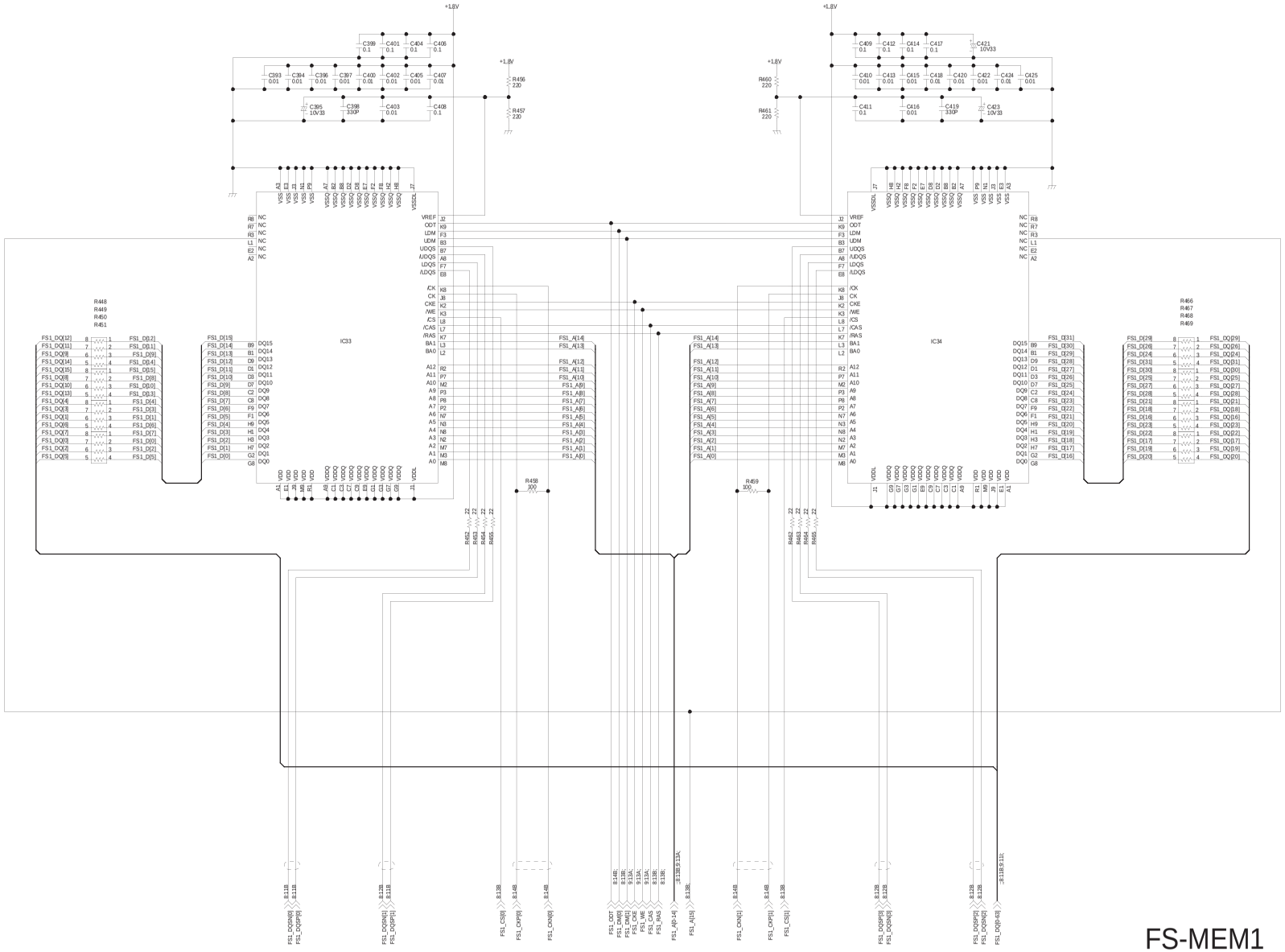


FS1-FPGA3

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	MAIN	10/34
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0588	B162K938B (10/34)	
	SCM017	



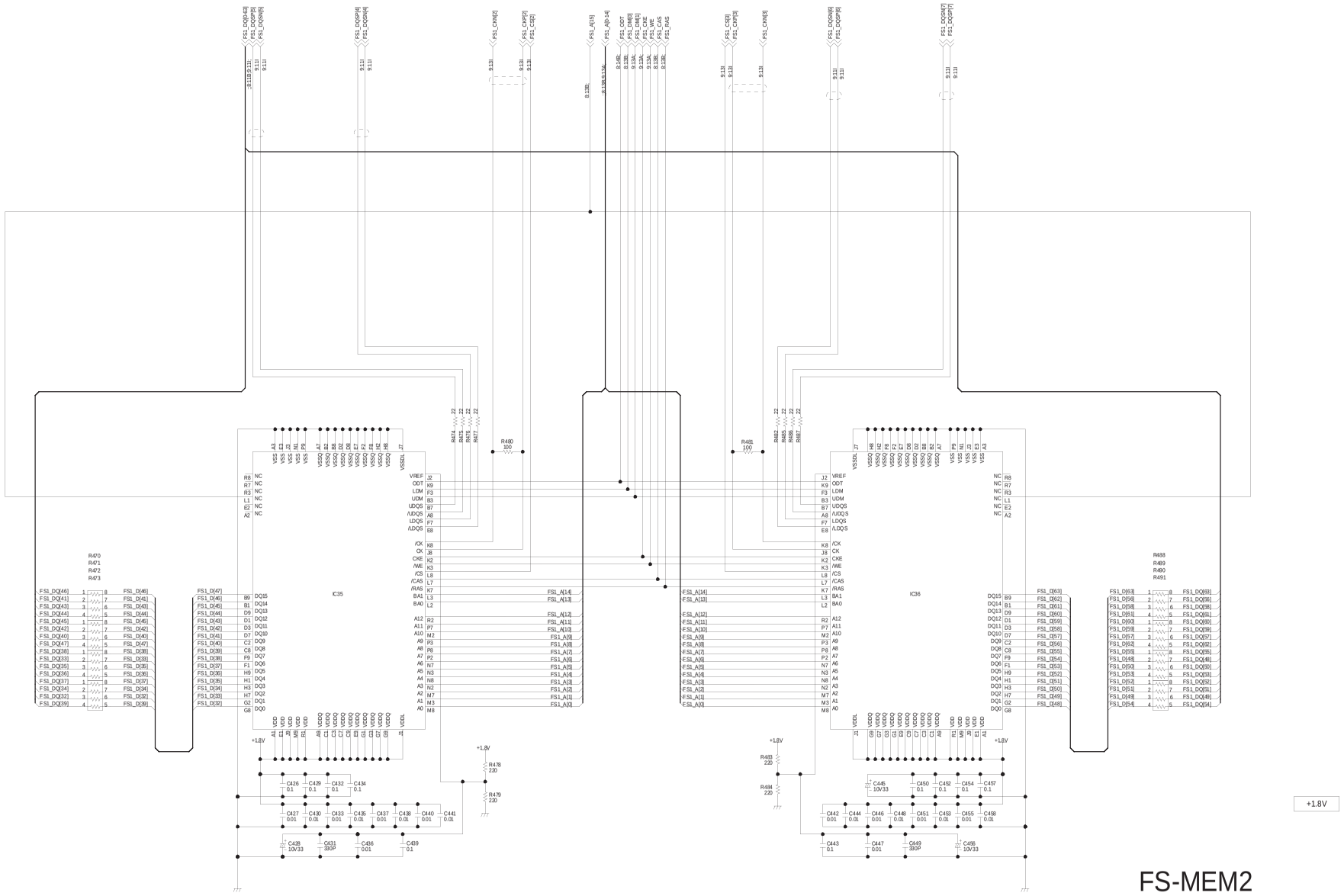
+1.8V

FS-MEM1

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠ 印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	MAIN	11/34
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0588	B162K938B (11/34)	
	SCM018	

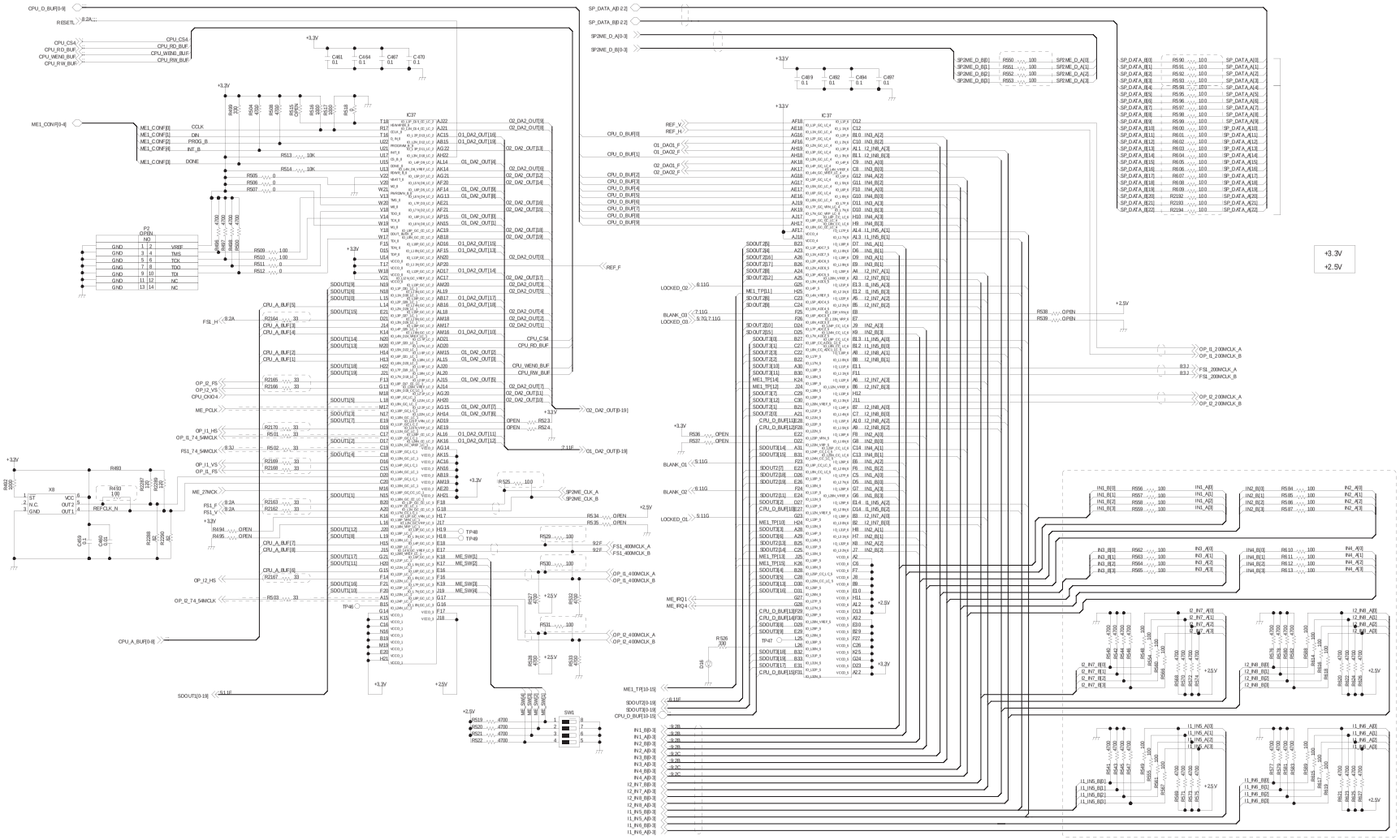


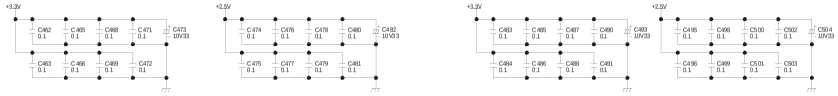
FS-MEM2

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠ 印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	MAIN	12/34
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0588	B162K938B (12/34)	
	SCM019	





IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

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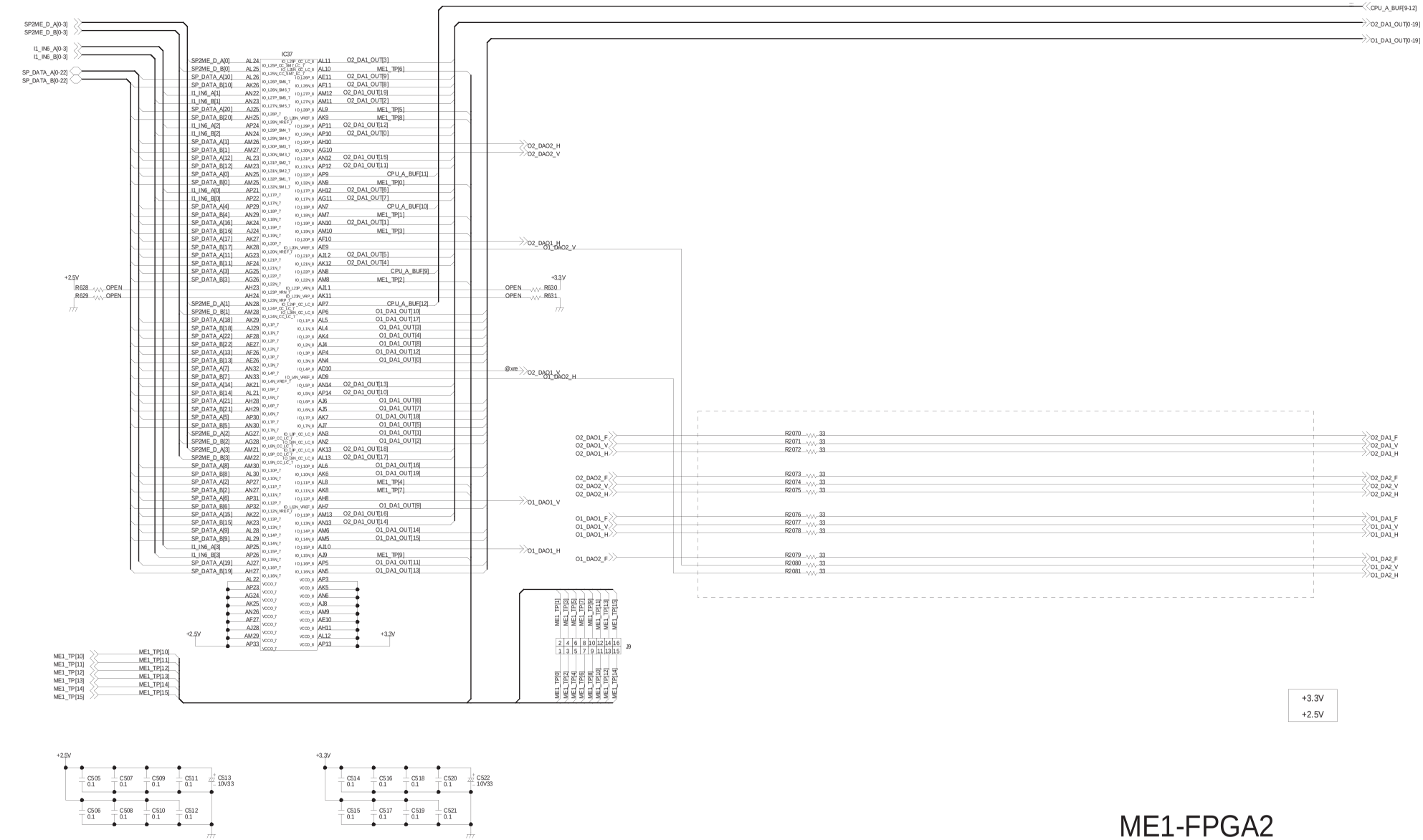
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

ME1-FPGA1

COMPONENT NAME	MAIN	13/34
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0588	B162K938B (13/34)	
	SCM020	

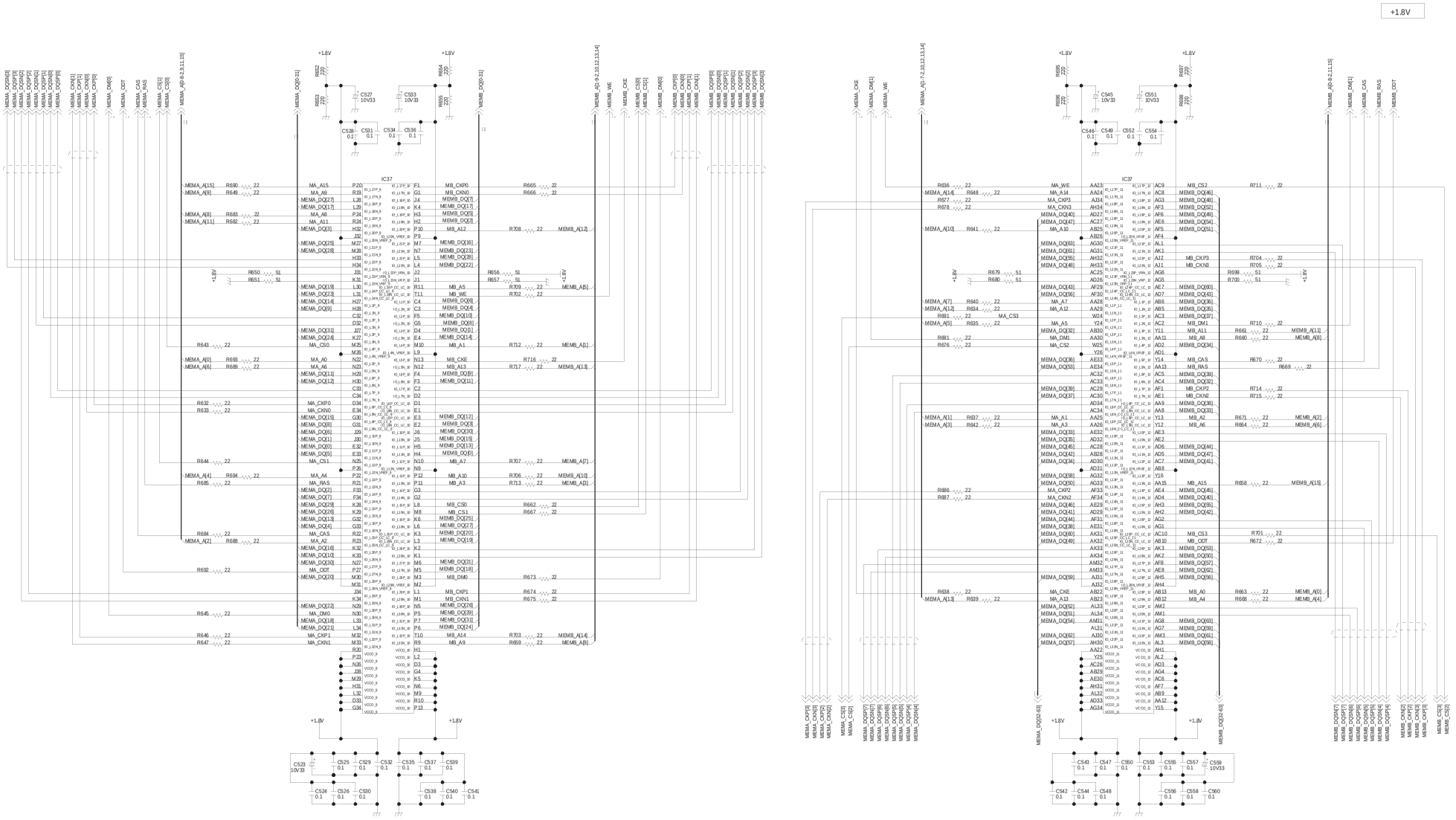


IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠ 印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

ME1-FPGA2

COMPONENT NAME	MAIN	14/34
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0588	B162K938B (14/34)	
	SCM021	



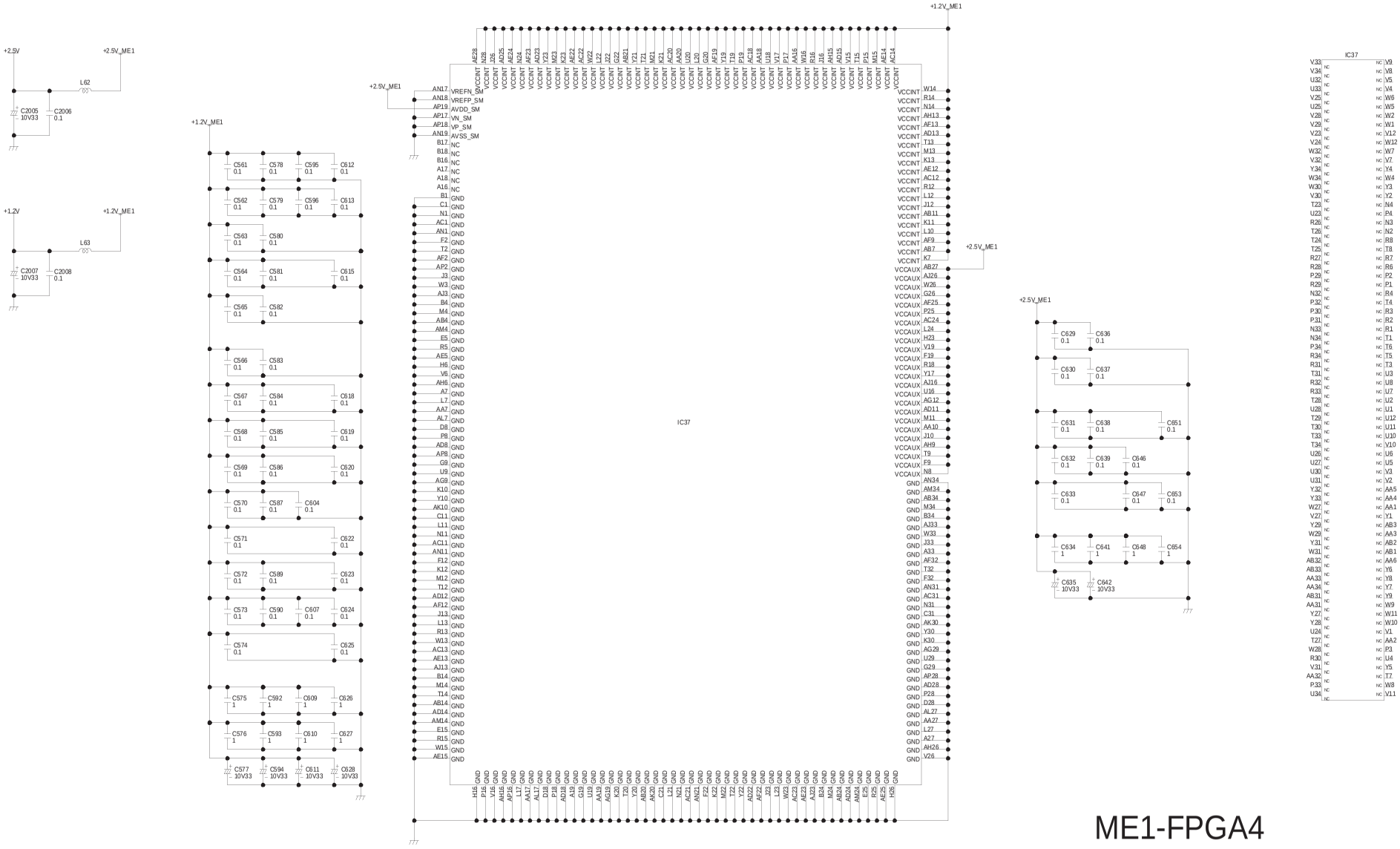
+1.8V

ME1-FPGA3

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	MAIN	15/34
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0588	B162K938B (15/34)	
	SCM022	

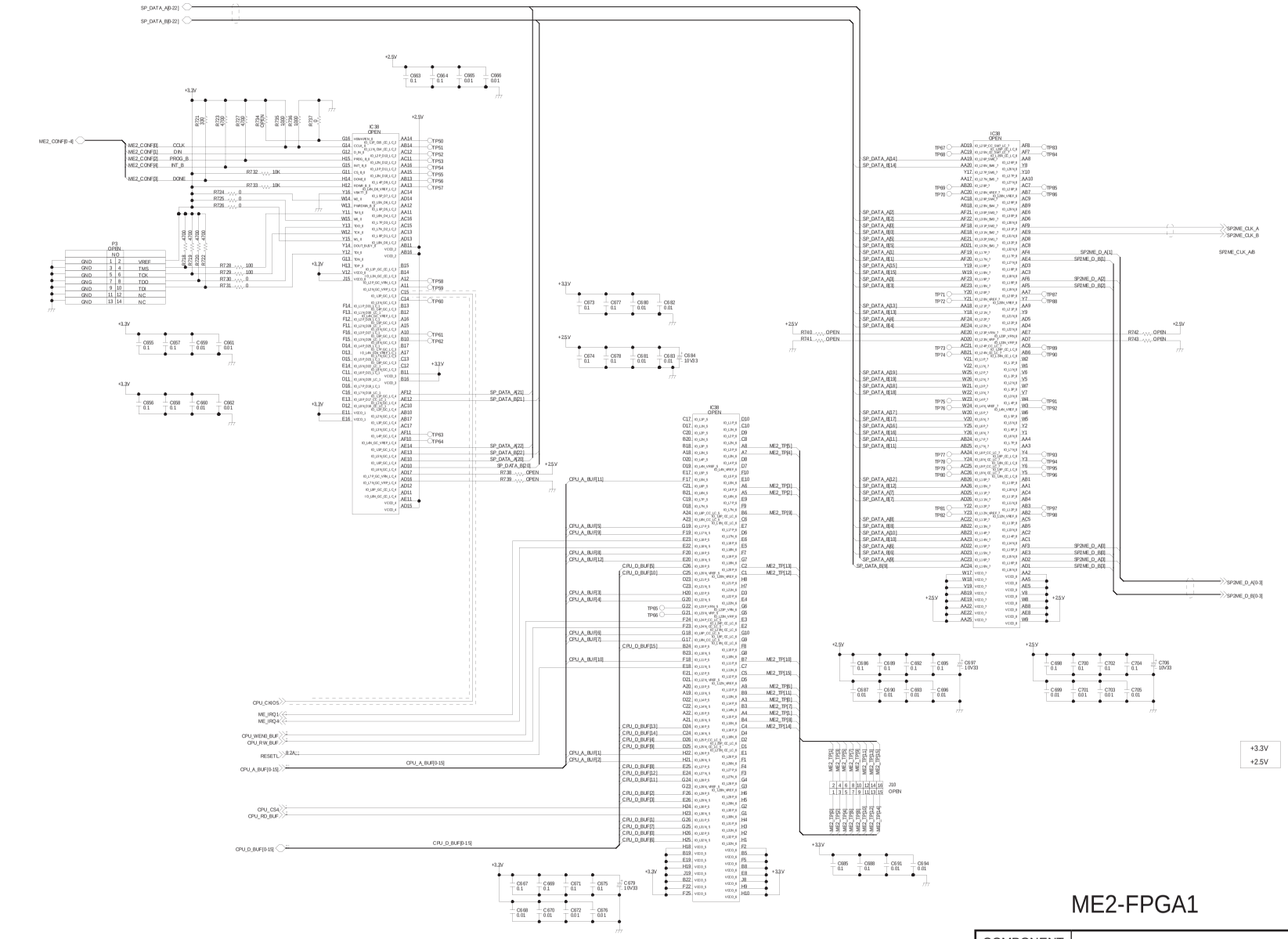


ME1-FPGA4

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	MAIN	16/34
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0588	B162K938B (16/34)	
	SCM023	

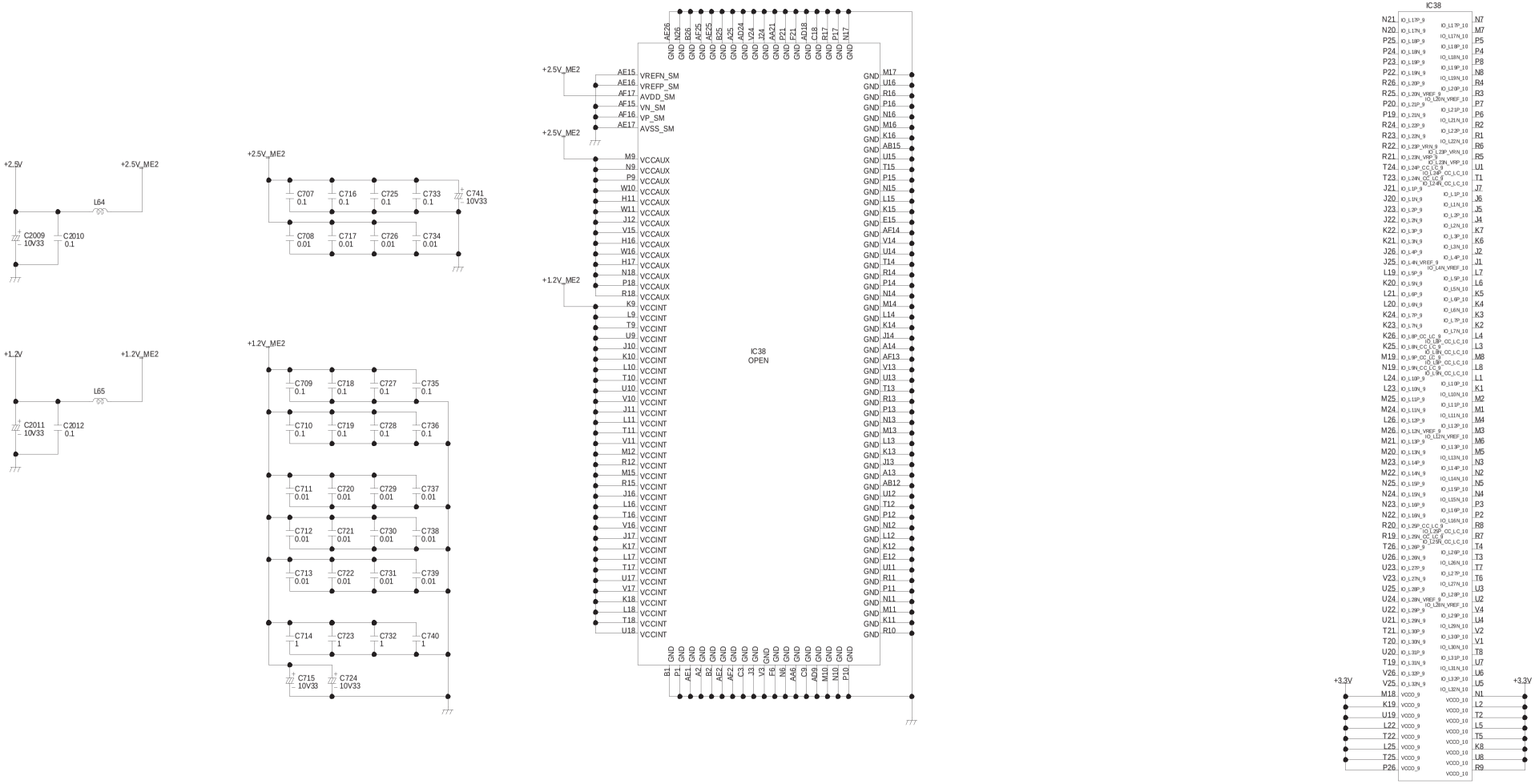


ME2-FPGA1

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	MAIN	17/34
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0588	B162K938B (17/34)	
	SCM024	

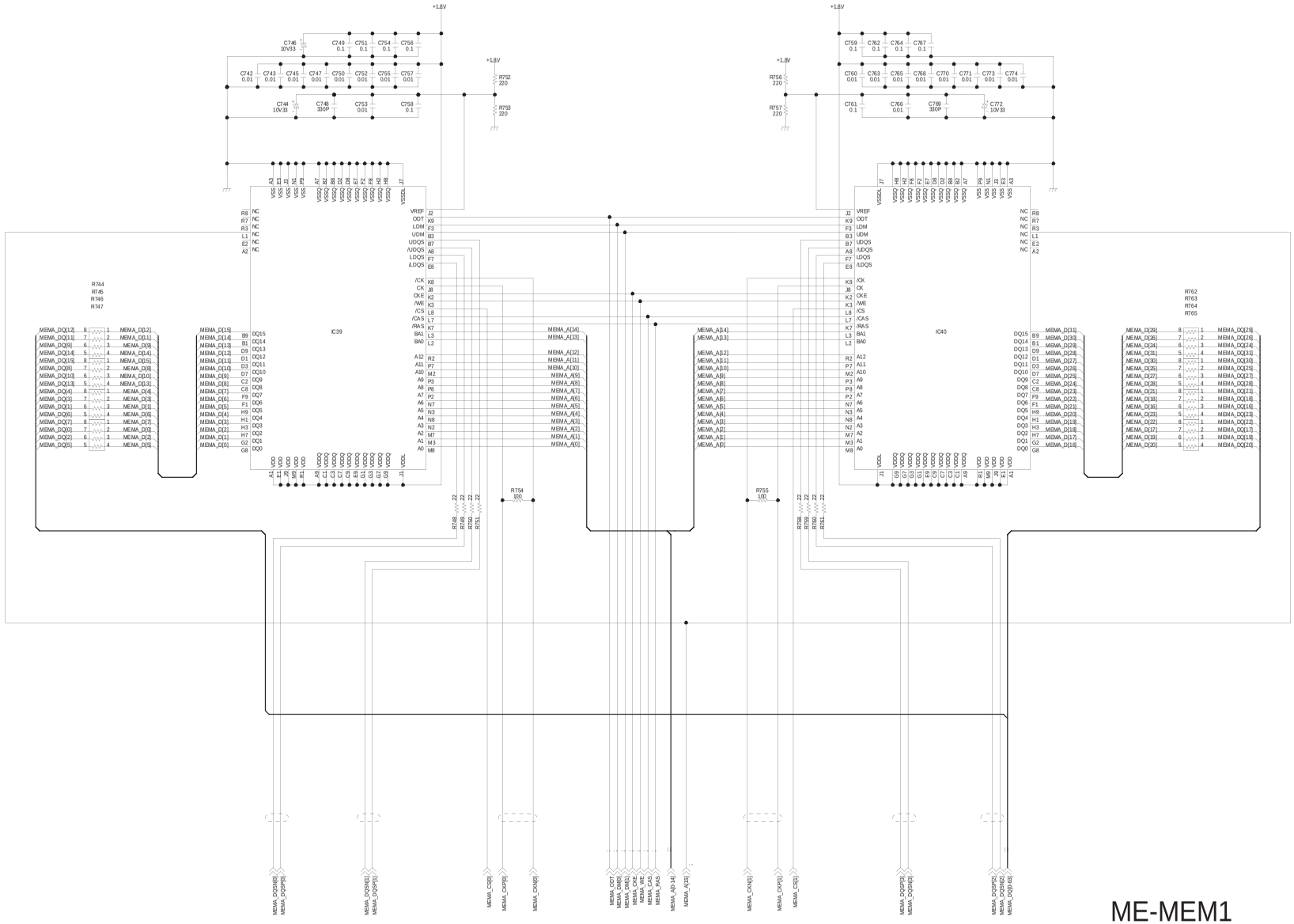


ME2-FPGA2

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠ 印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	MAIN	18/34
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0588	B162K938B (18/34)	
	SCM025	



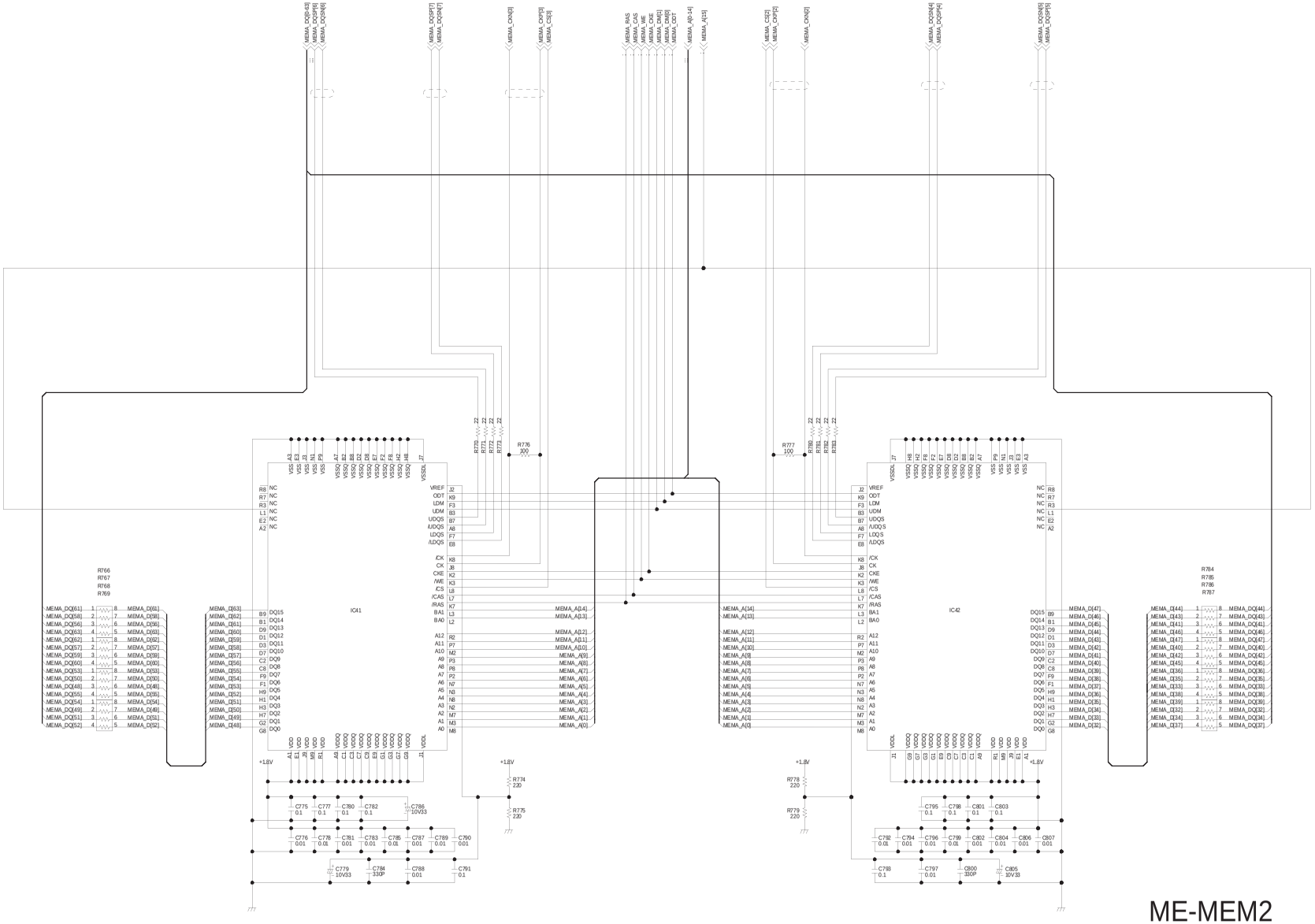
+1.8V

ME-MEM1

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	MAIN	19/34
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0588	B162K938B (19/34)	
	SCM026	

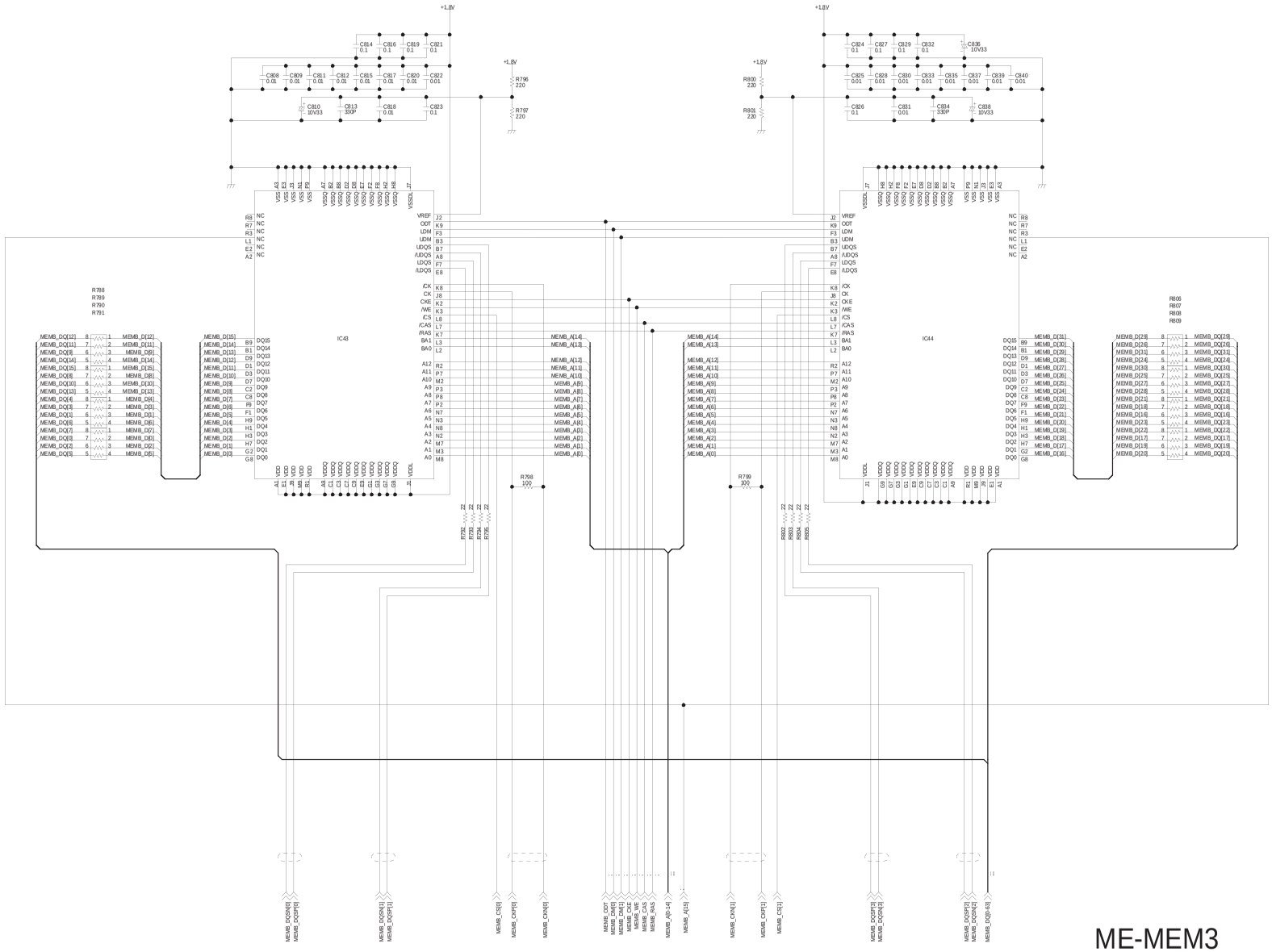


ME-MEM2

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠ 印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	MAIN	20/34
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0588	B162K938B (20/34)	
	SCM027	

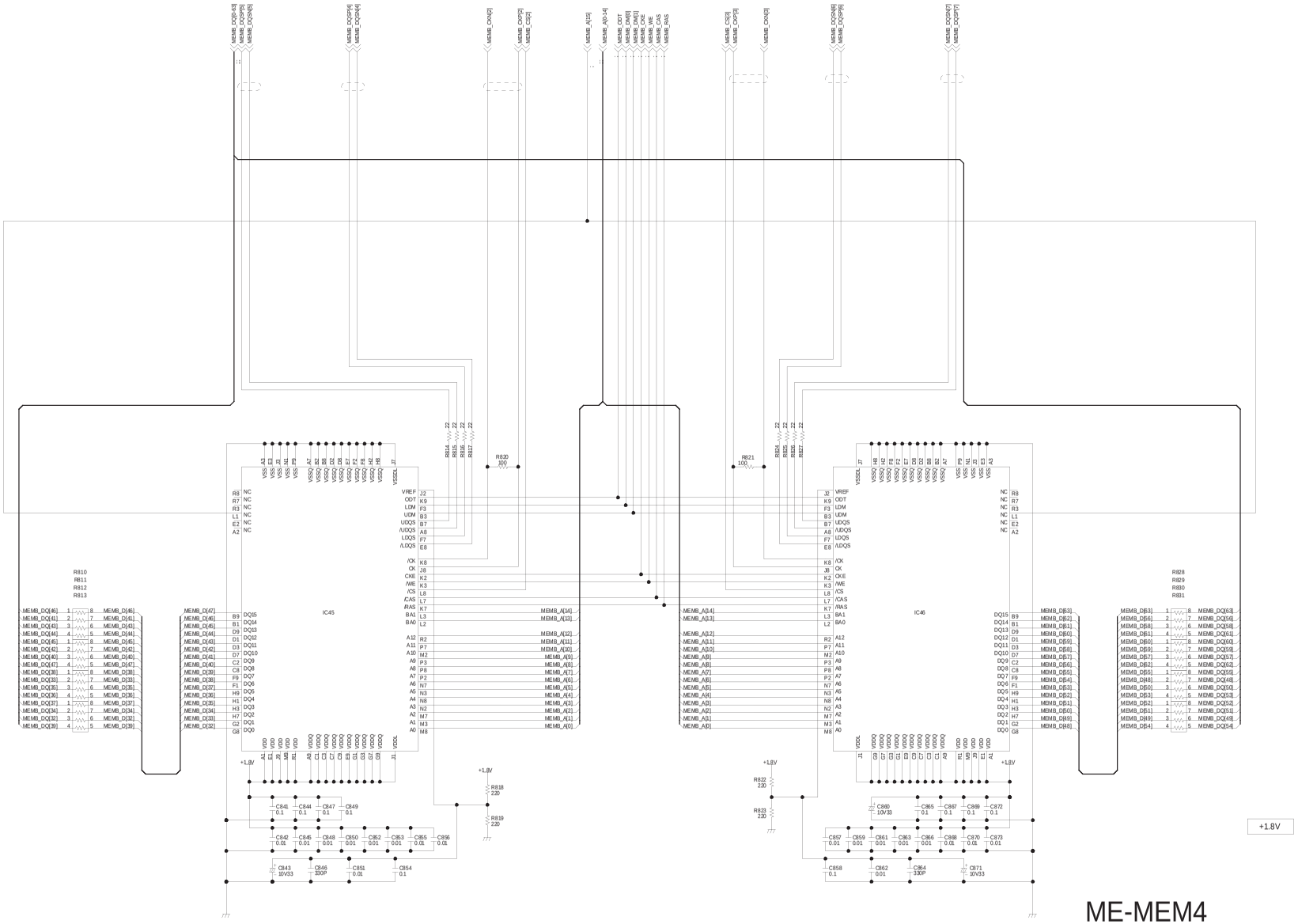


ME-MEM3

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠ 印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	MAIN	21/34
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0588	B162K938B (21/34)	
	SCM028	

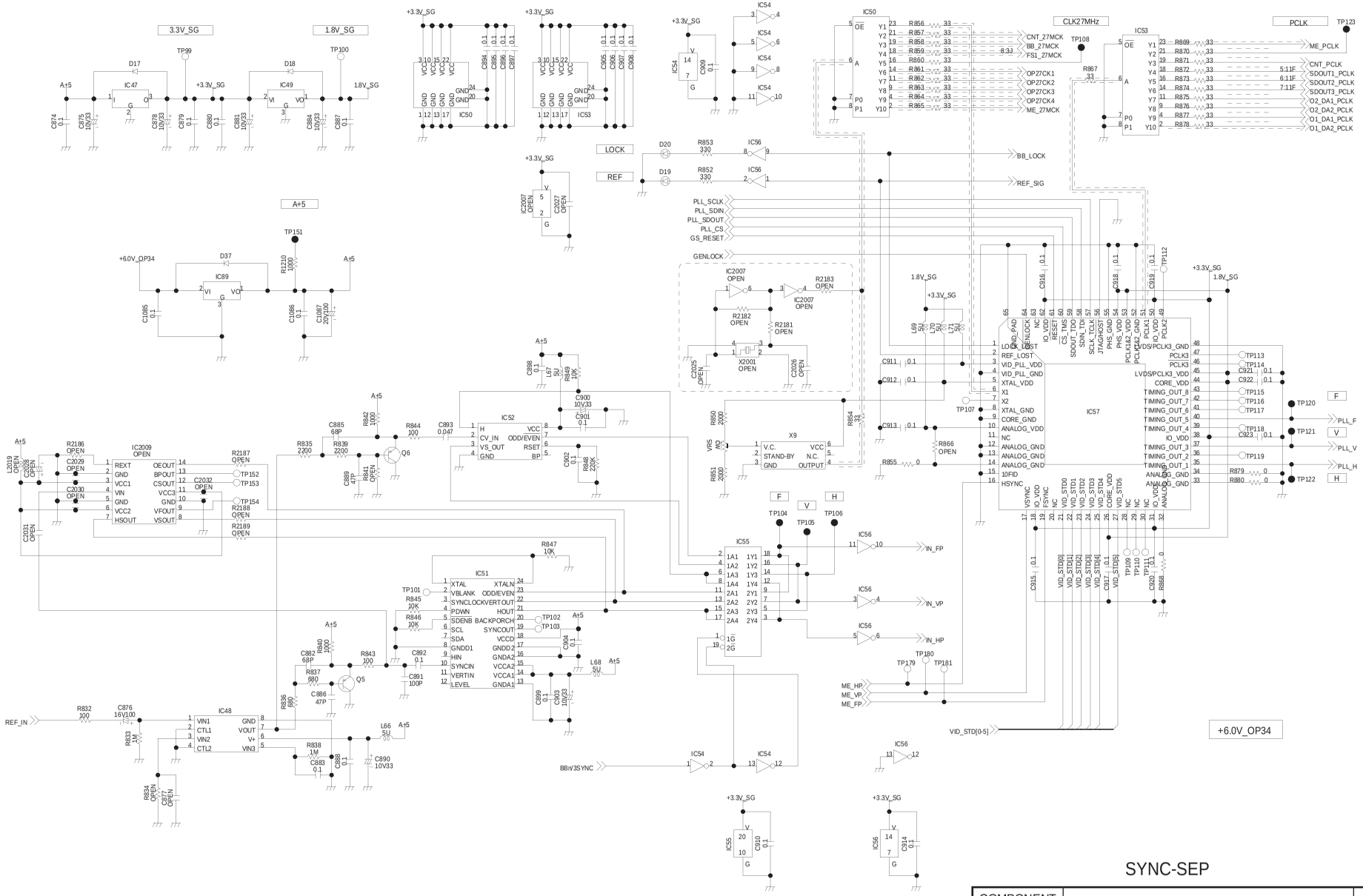


ME-MEM4

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	MAIN	22/34
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0588	B162K938B (22/34)	
	SCM029	

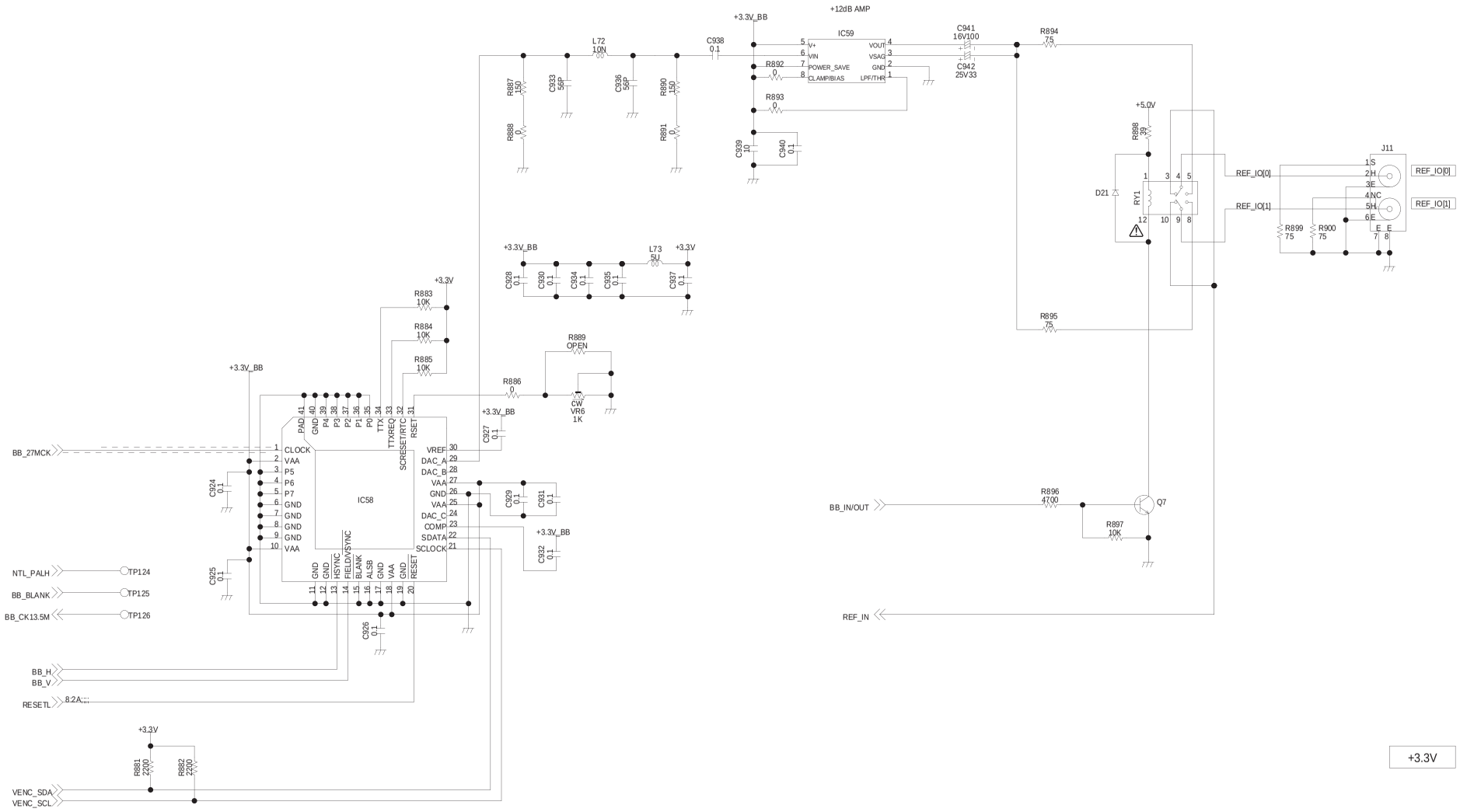


SYNC-SEP

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	MAIN	23/34
CIRCUIT BOARD NO.		DRAWING NO.
SVEPB0588		B162K938B (23/34)
		SCM030

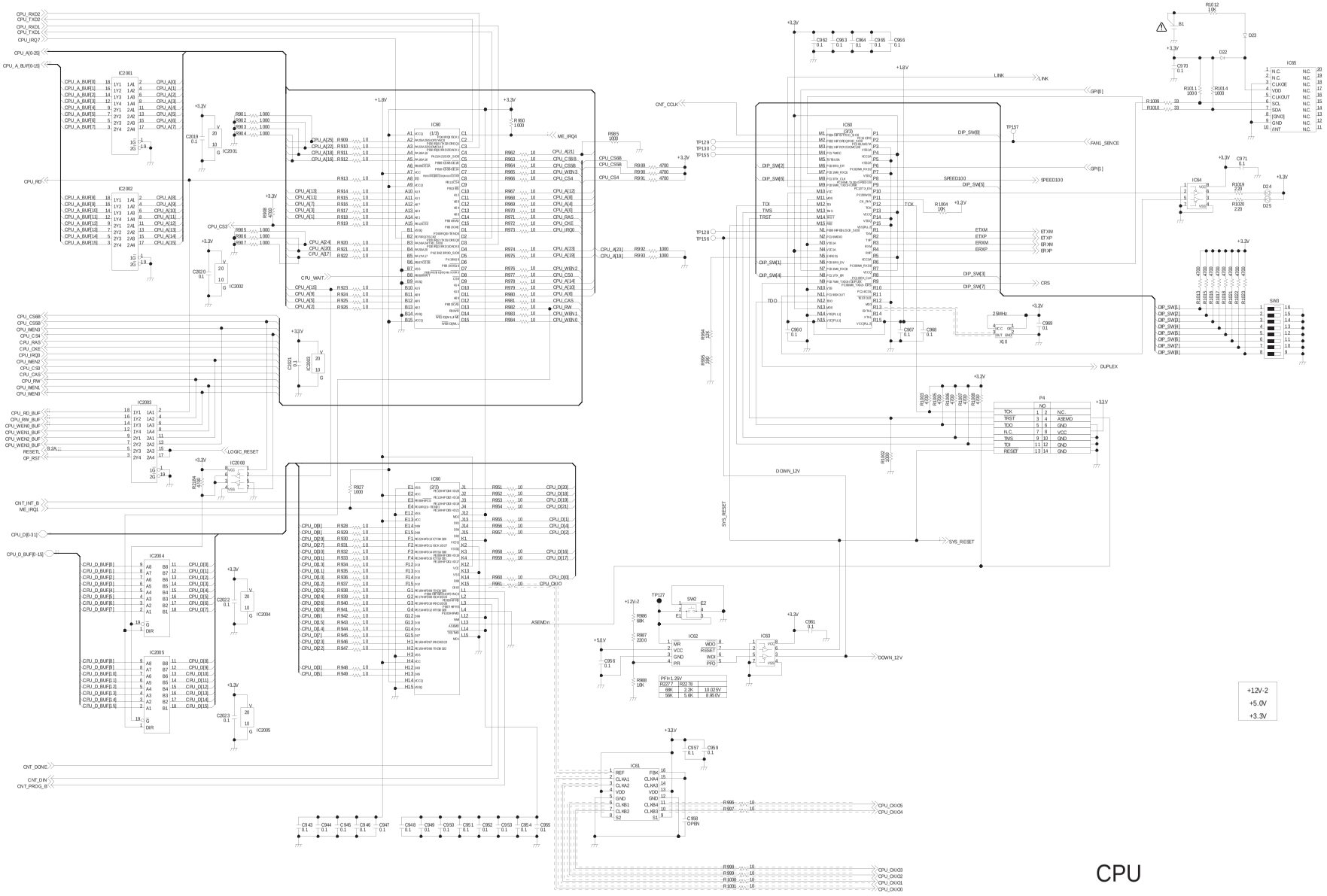


VIDEO-ENC/REF

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠ 印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	MAIN	24/34
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0588	B162K938B (24/34)	
	SCM031	



PFIn L-25V		
R2277	R2278	
68K	2.2K	10.02/5V
56K	5.6K	8.95/5V

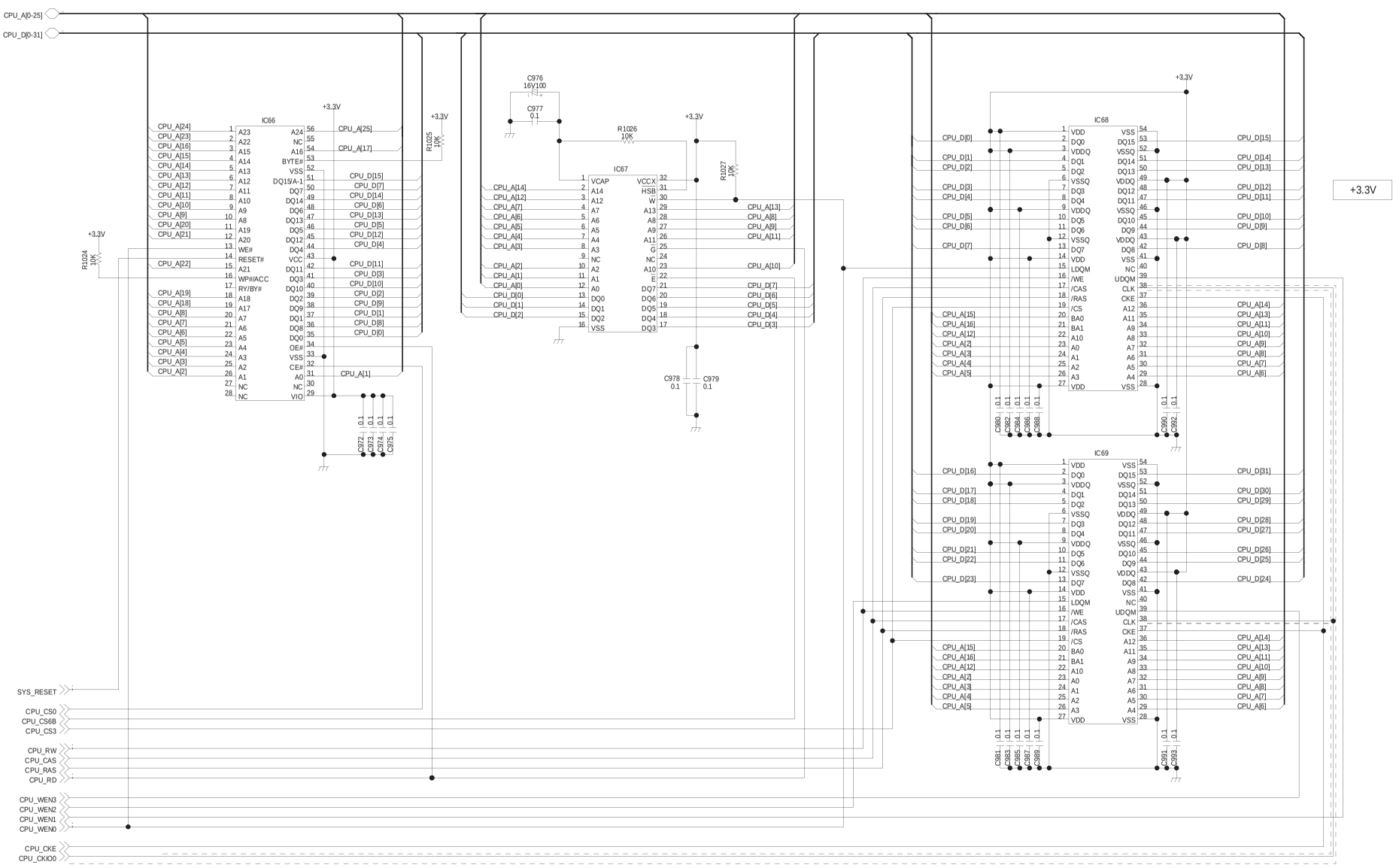
P4			
	NO		
TCK	1	2	N.C.
TRST	3	4	A(SEMI)
TDO	5	6	GND
N.C.	7	8	VCC
TMS	9	10	GND
TDI	11	12	GND
RESET	13	14	GND

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

CPU

COMPONENT NAME	MAIN	25/34
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0588	B162K938B (25/34)	
	SCM032	

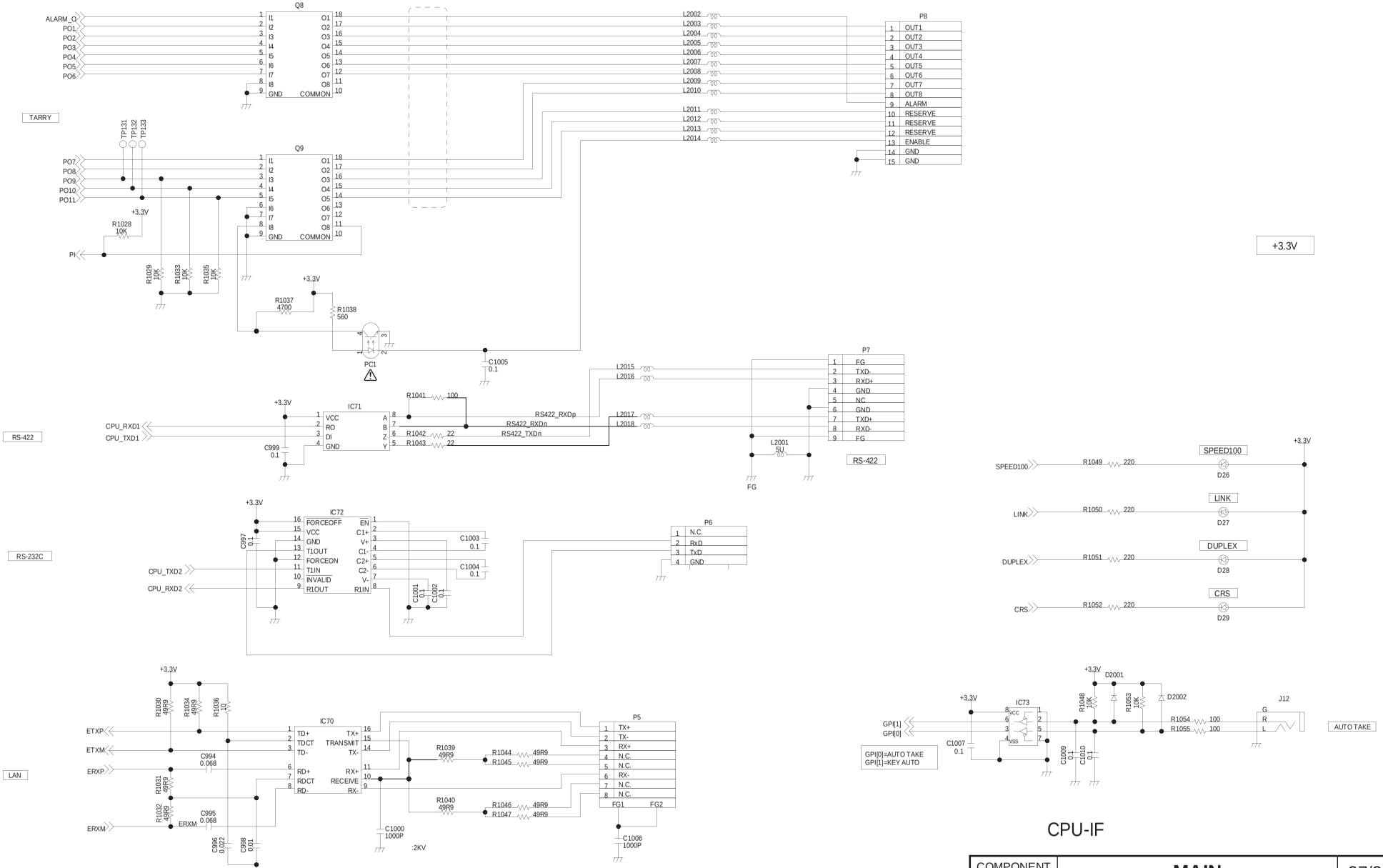


CPU-MEM

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	MAIN	26/34
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0588	B162K938B (26/34)	
	SCM033	

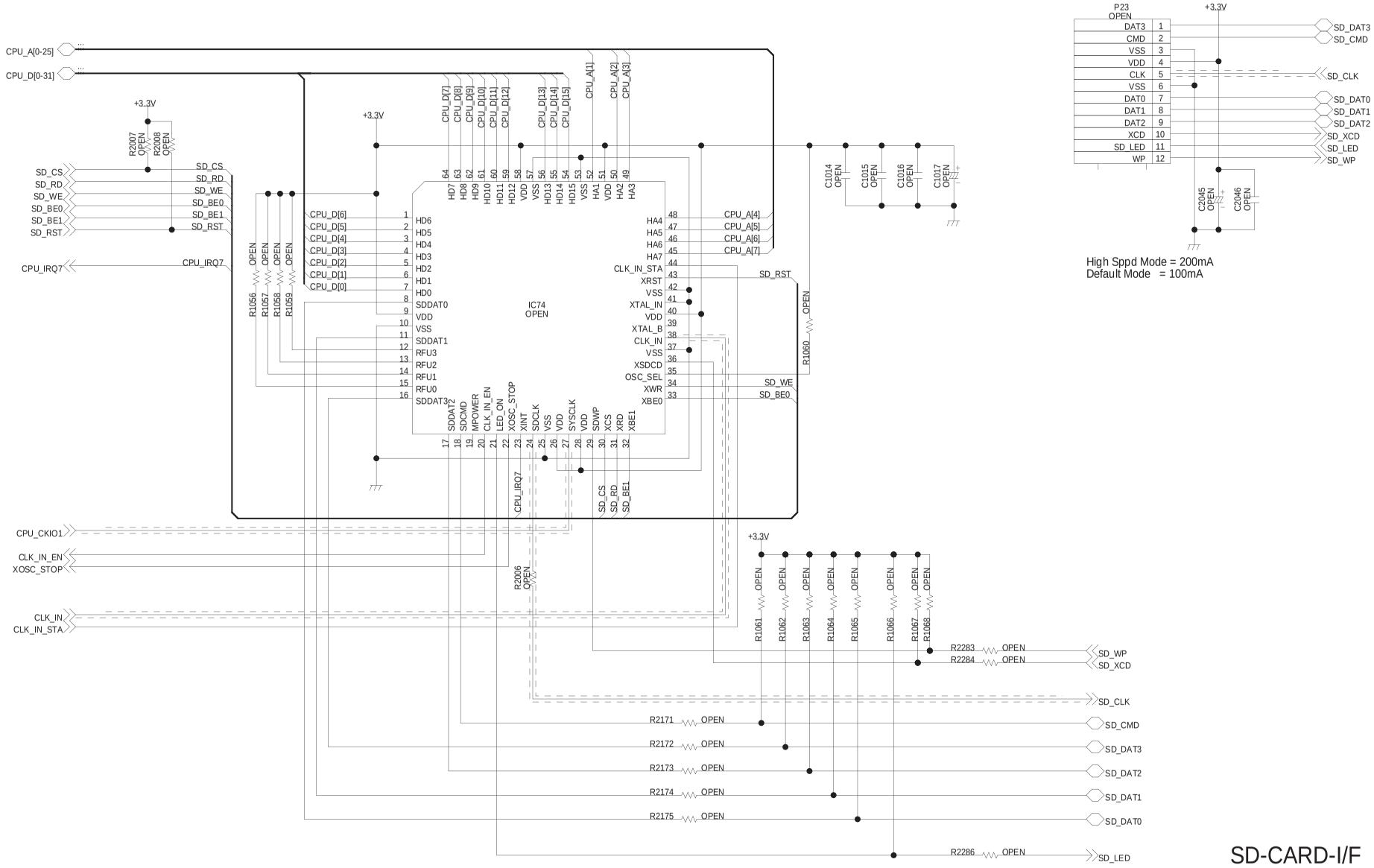


CPU-IF

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY. WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠印の部品は安全上重要な部品です。交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	MAIN	27/34
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0588	B162K938B (27/34)	
	SCM034	

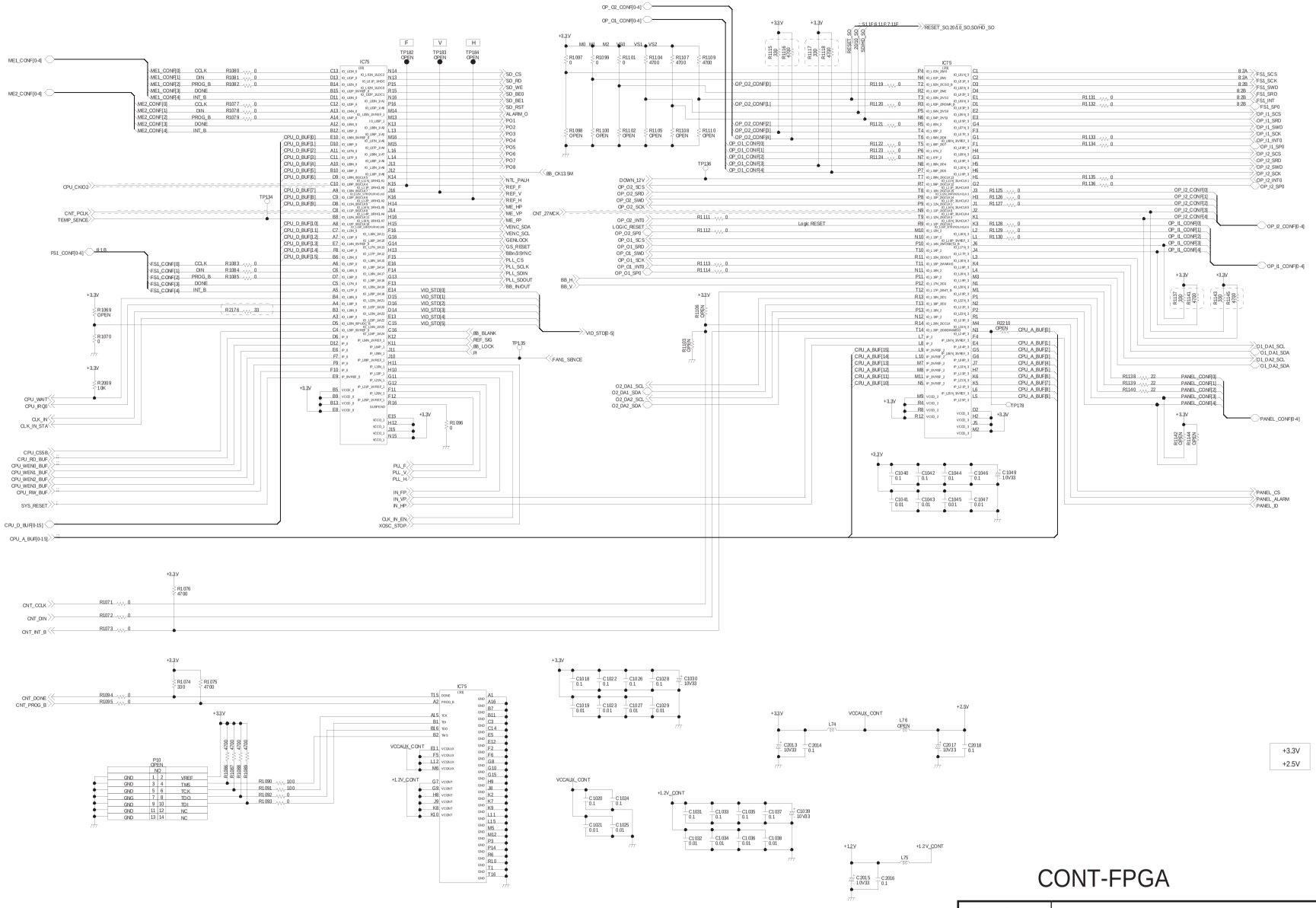


SD-CARD-I/F

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠ 印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	MAIN	28/34
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0588	B162K938B (28/34)	
	SCM035	

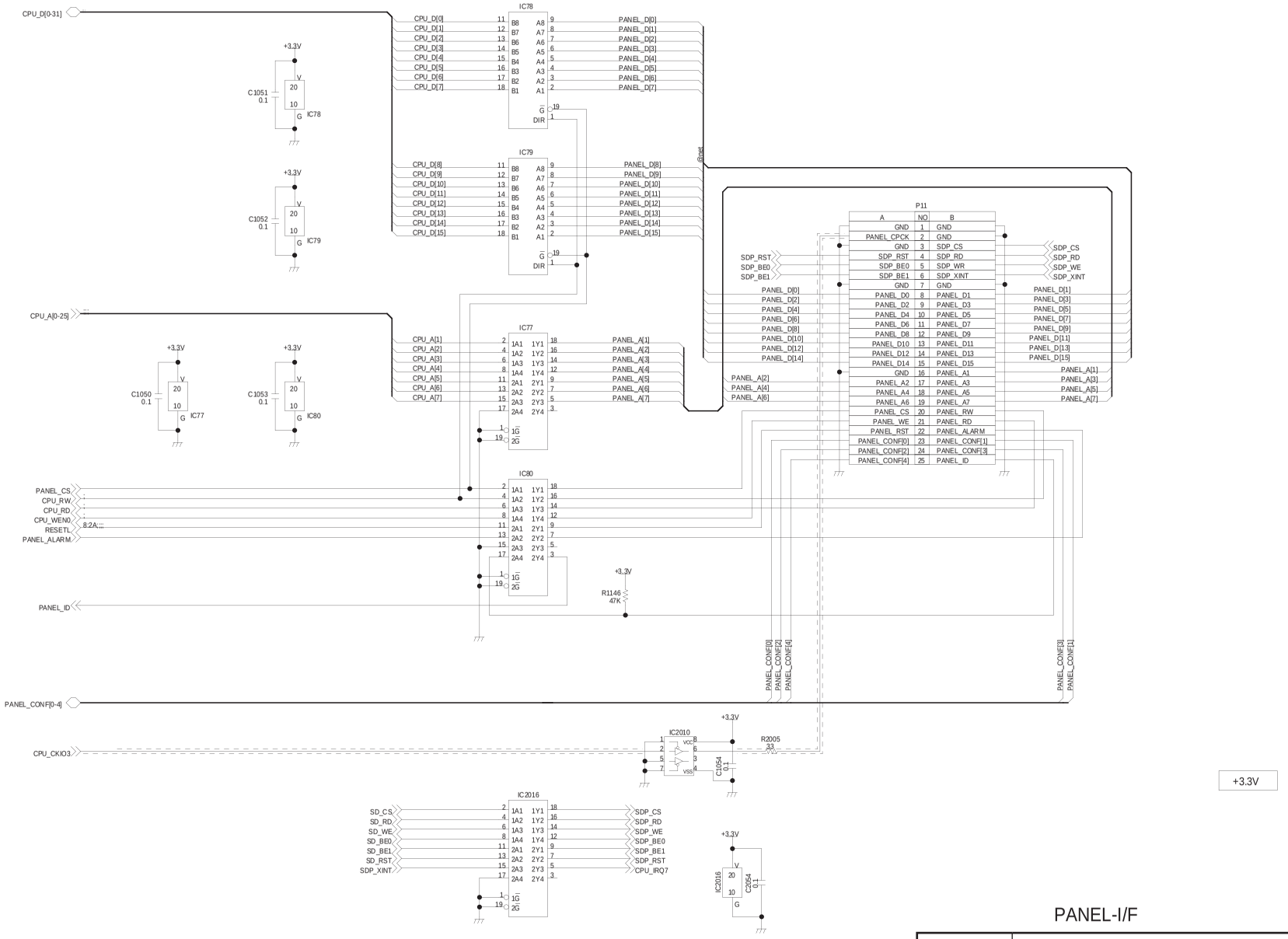


IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠ 印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

CONT-FPGA

COMPONENT NAME	MAIN	29/34
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0588	B162K938B (29/34)	
	SCM036	

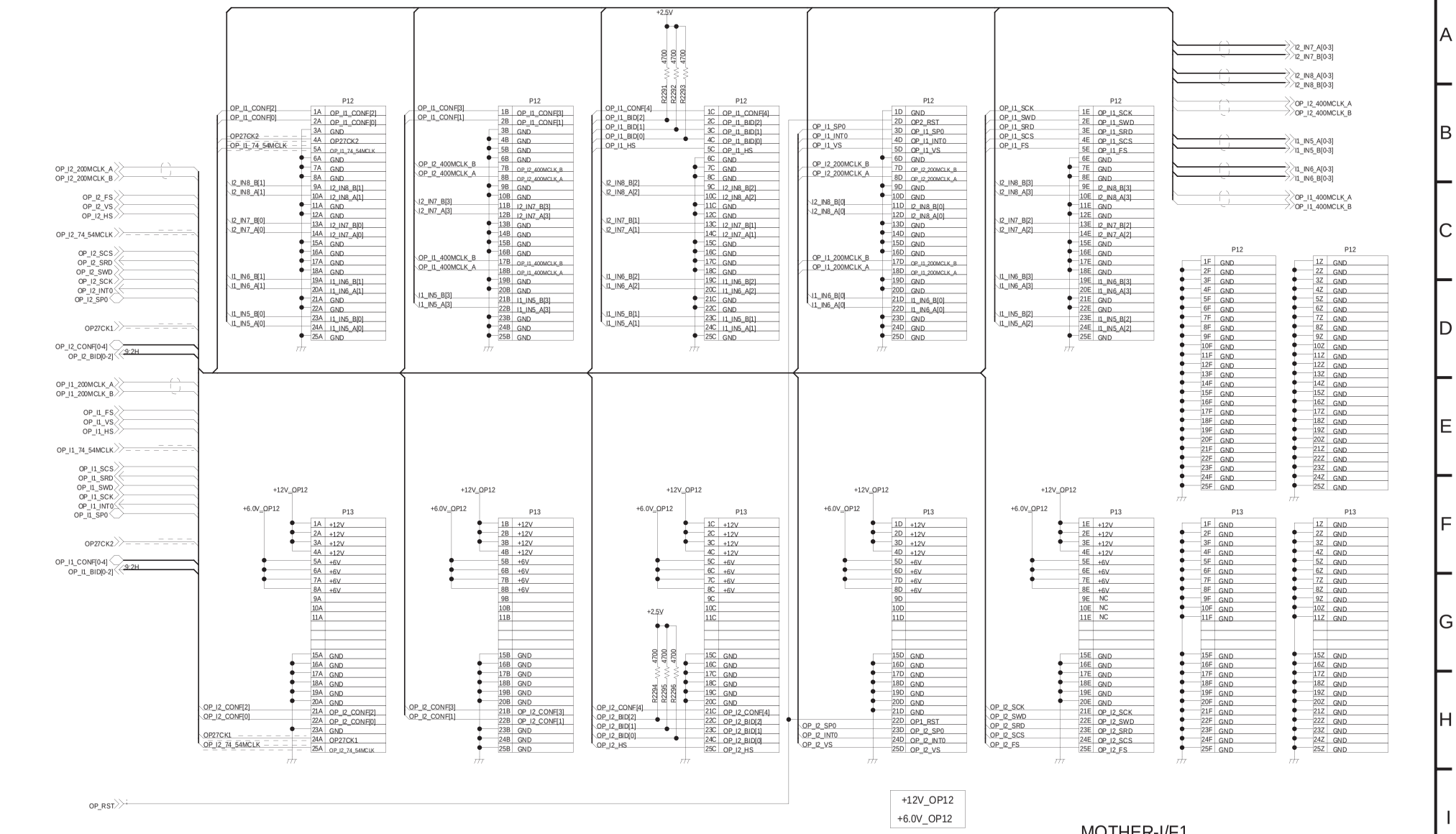


PANEL-I/F

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠ 印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	MAIN	30/34
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0588	B162K938B (30/34)	
	SCM037	



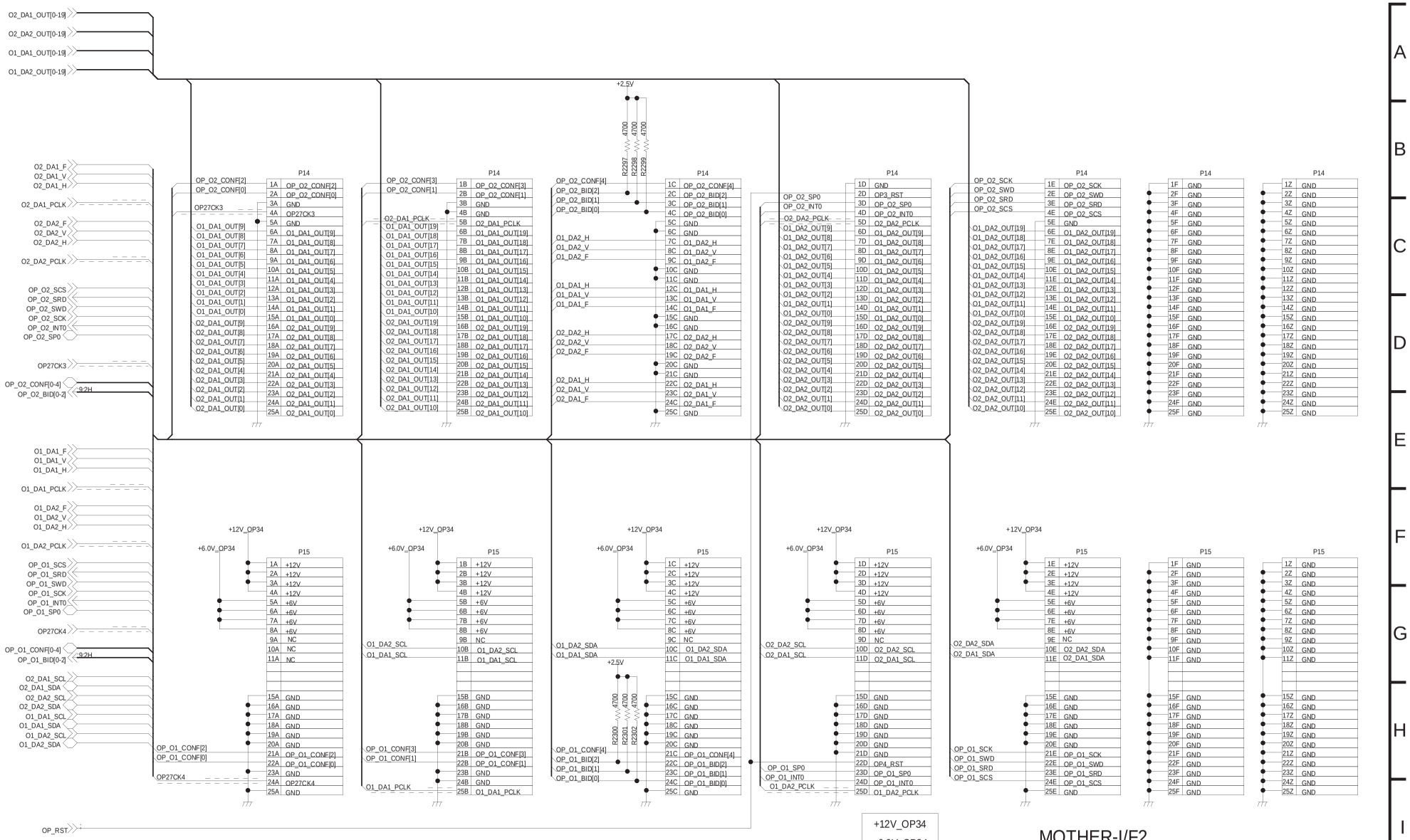
+12V_OP12
+6.0V_OP12

MOTHER-I/F1

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	MAIN	31/34
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0588	B162K938B (31/34)	
	SCM038	



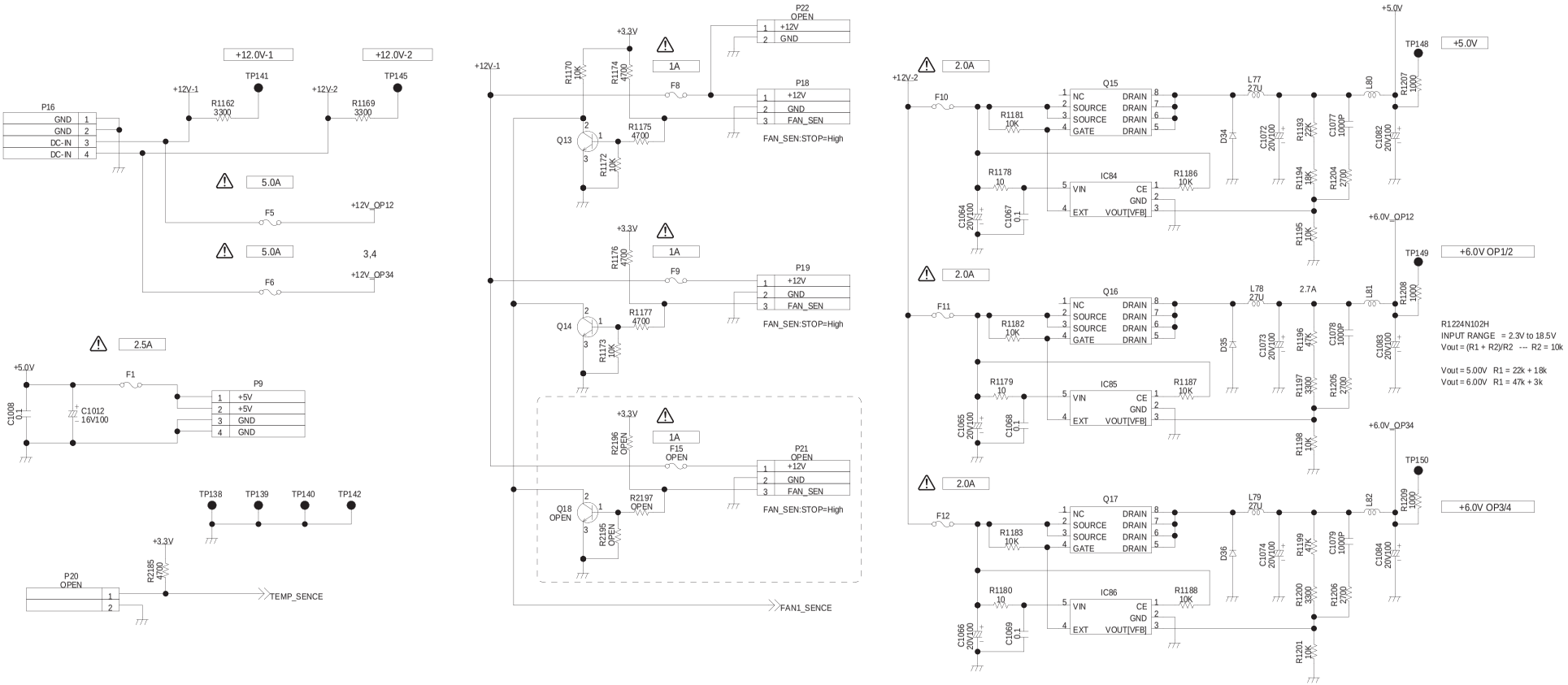
+12V_OP34
+6.0V_OP34

MOTHER-I/F2

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	MAIN	32/34
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0588	B162K938B (32/34)	
	SCM039	

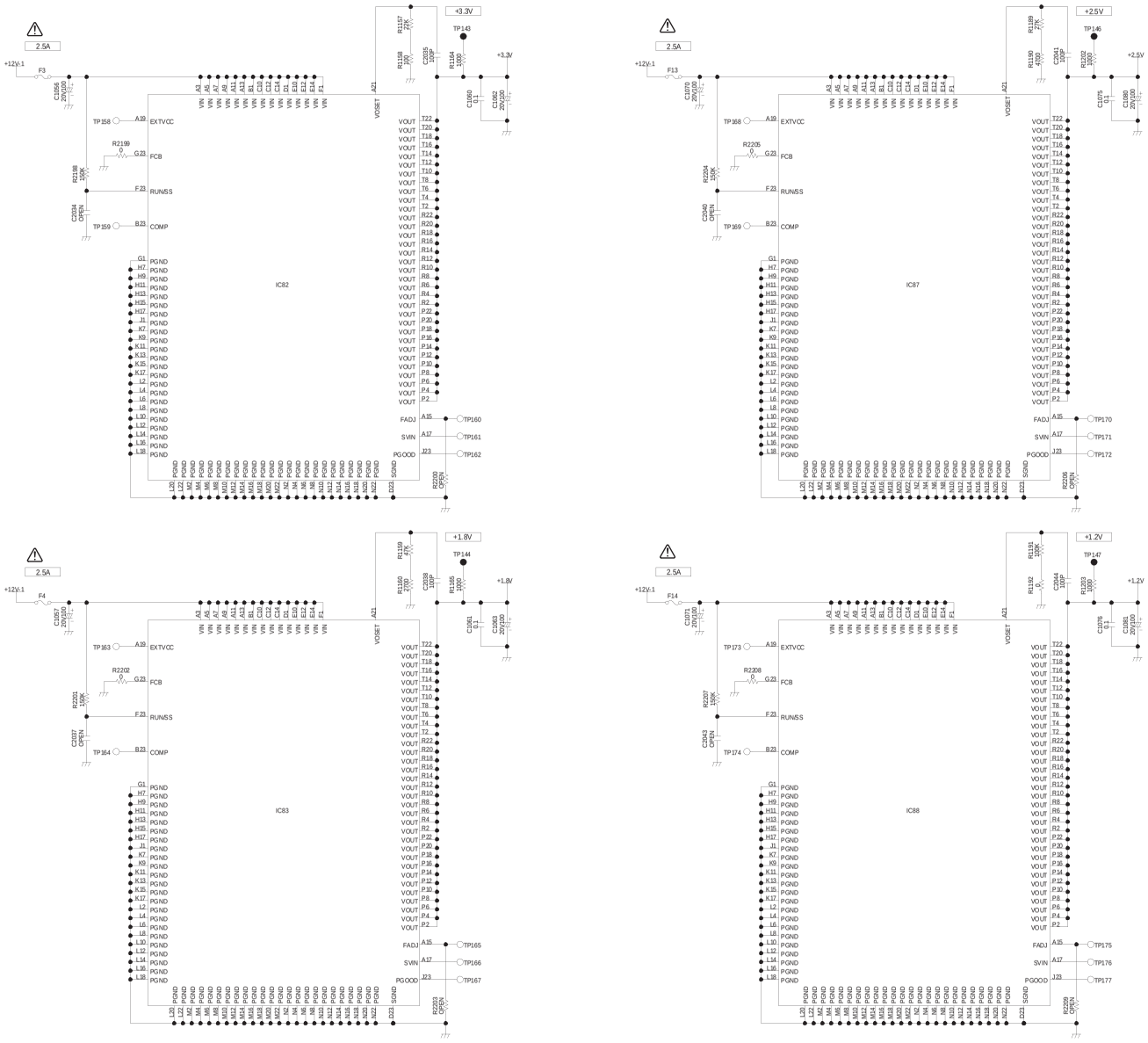


IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

POWER1

COMPONENT NAME	MAIN	33/34
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0588	B162K938B (33/34)	
	SCM040	

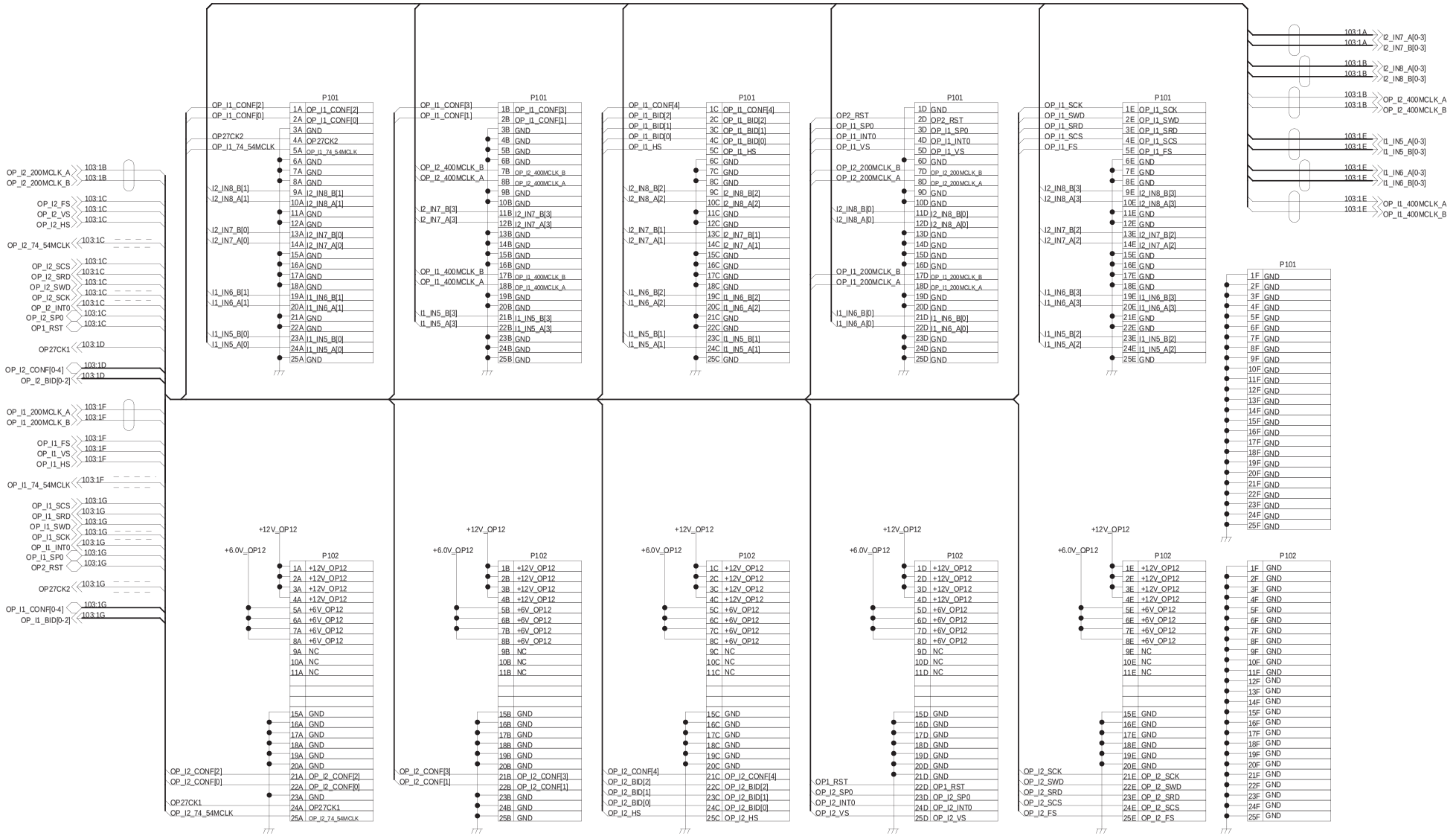


POWER2

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	MAIN	34/34
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0588	B162K938B (34/34)	
	SCM041	

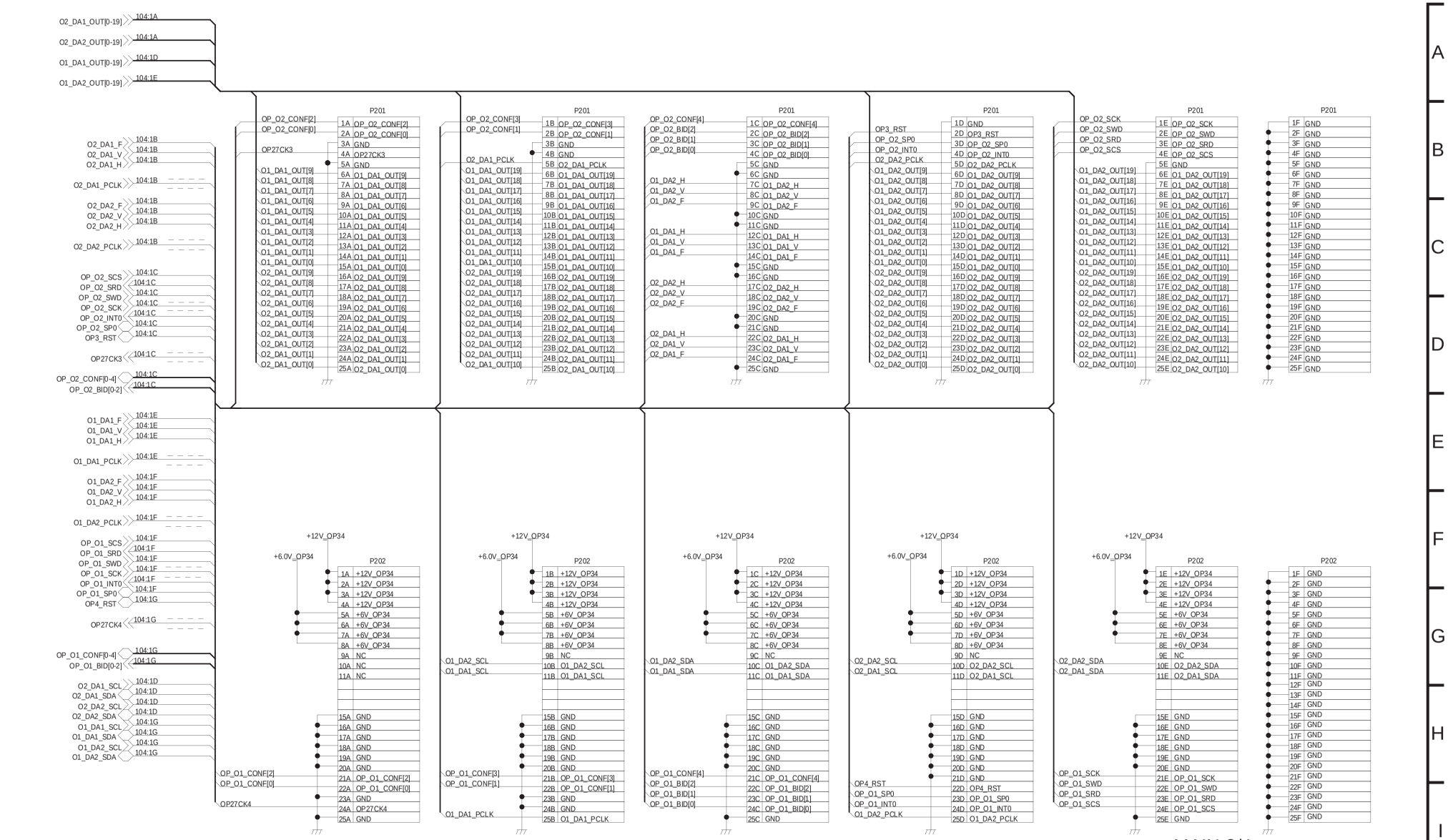


MAIN-1/2

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

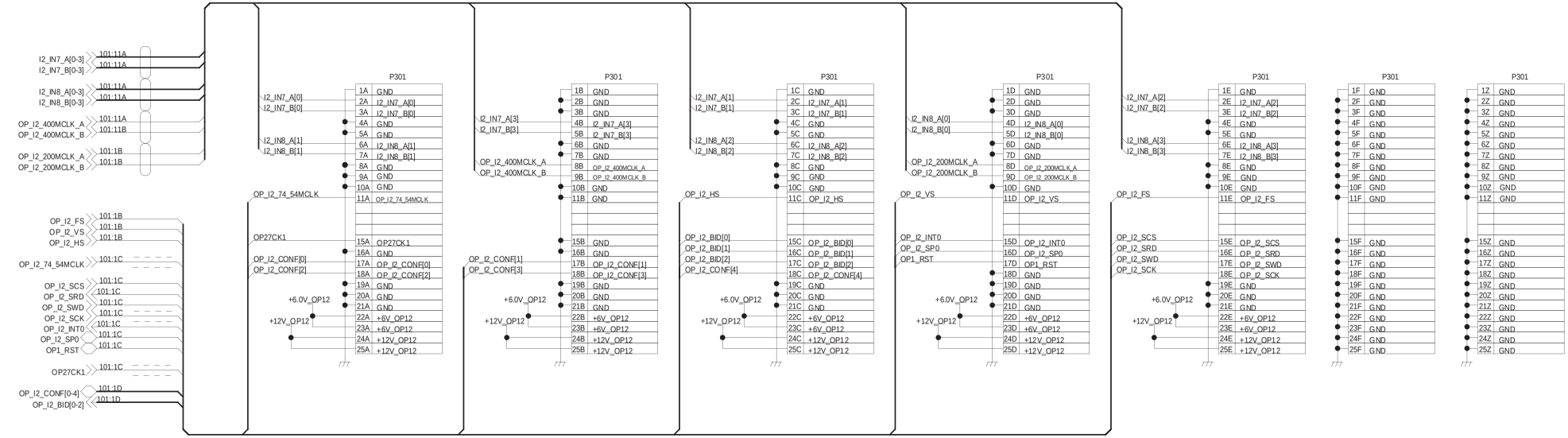
COMPONENT NAME	MOTHER	01/04
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0597	B162K953B (1/4)	
	SCM042	

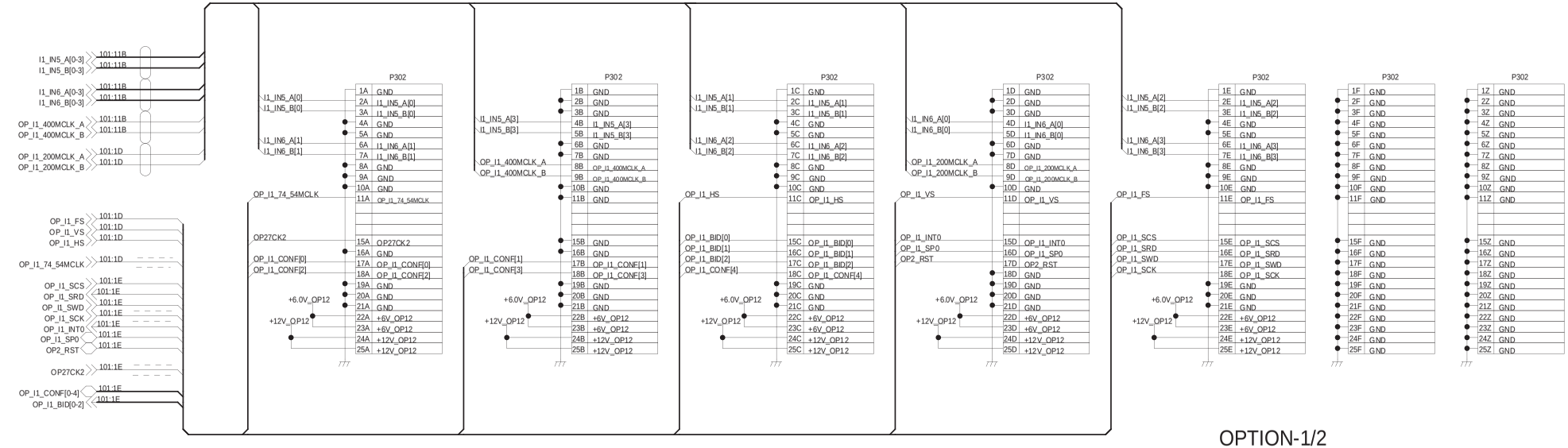


IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	MOTHER	02/04
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0597	B162K953B (2/4)	
	SCM043	



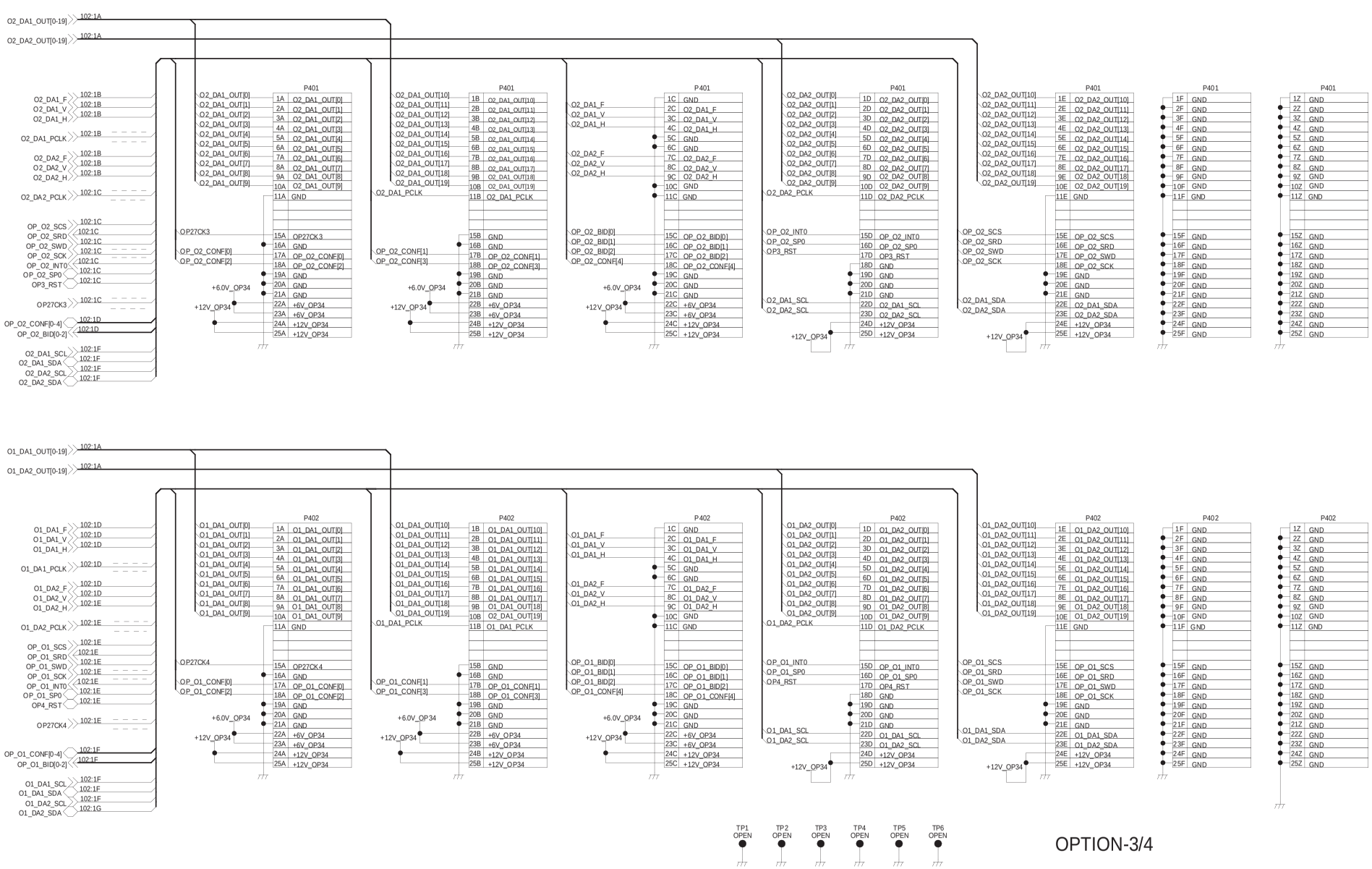


OPTION-1/2

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	MOTHER	03/04
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0597	B162K953B (3/4)	
	SCM044	

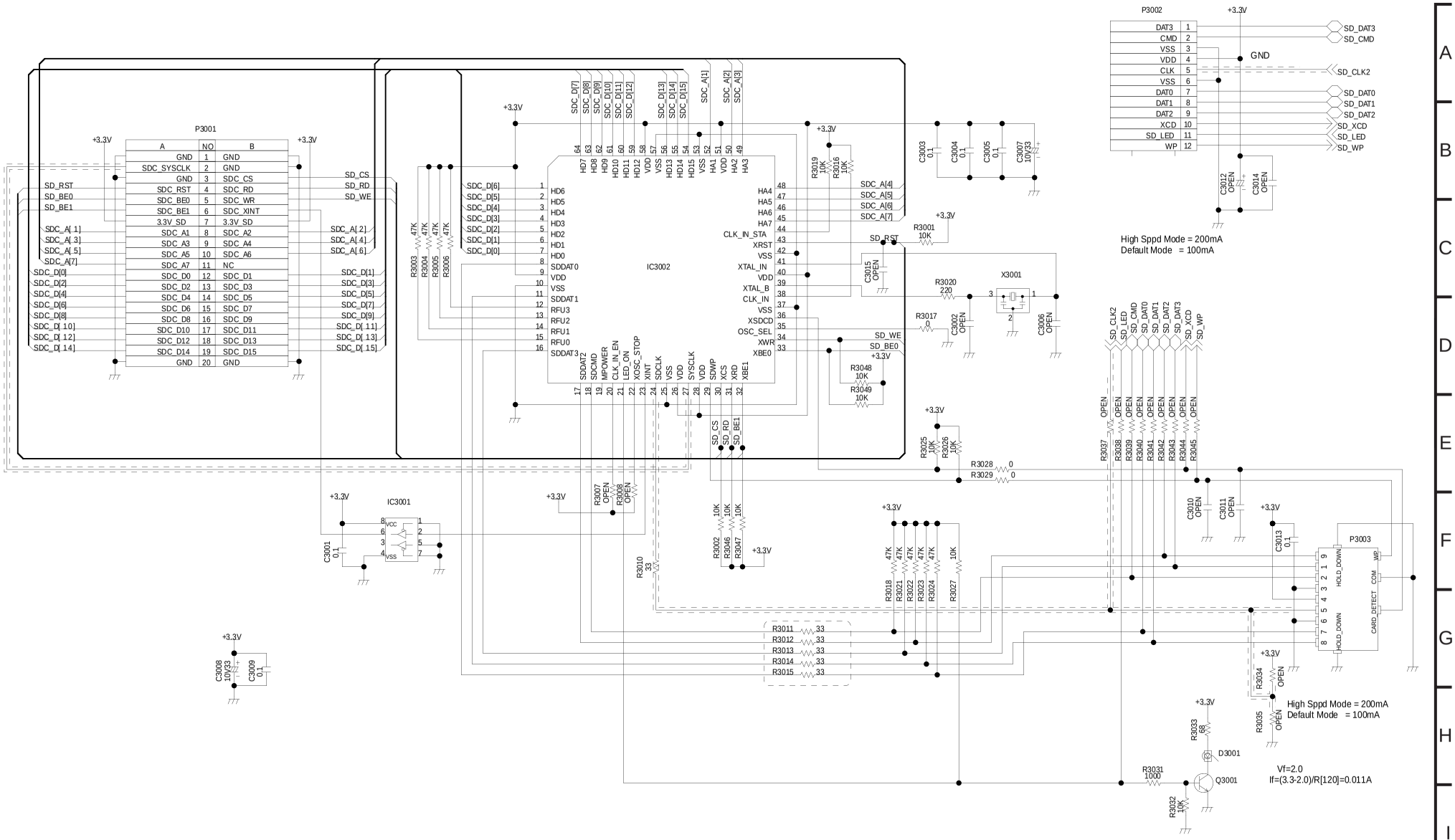


OPTION-3/4

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

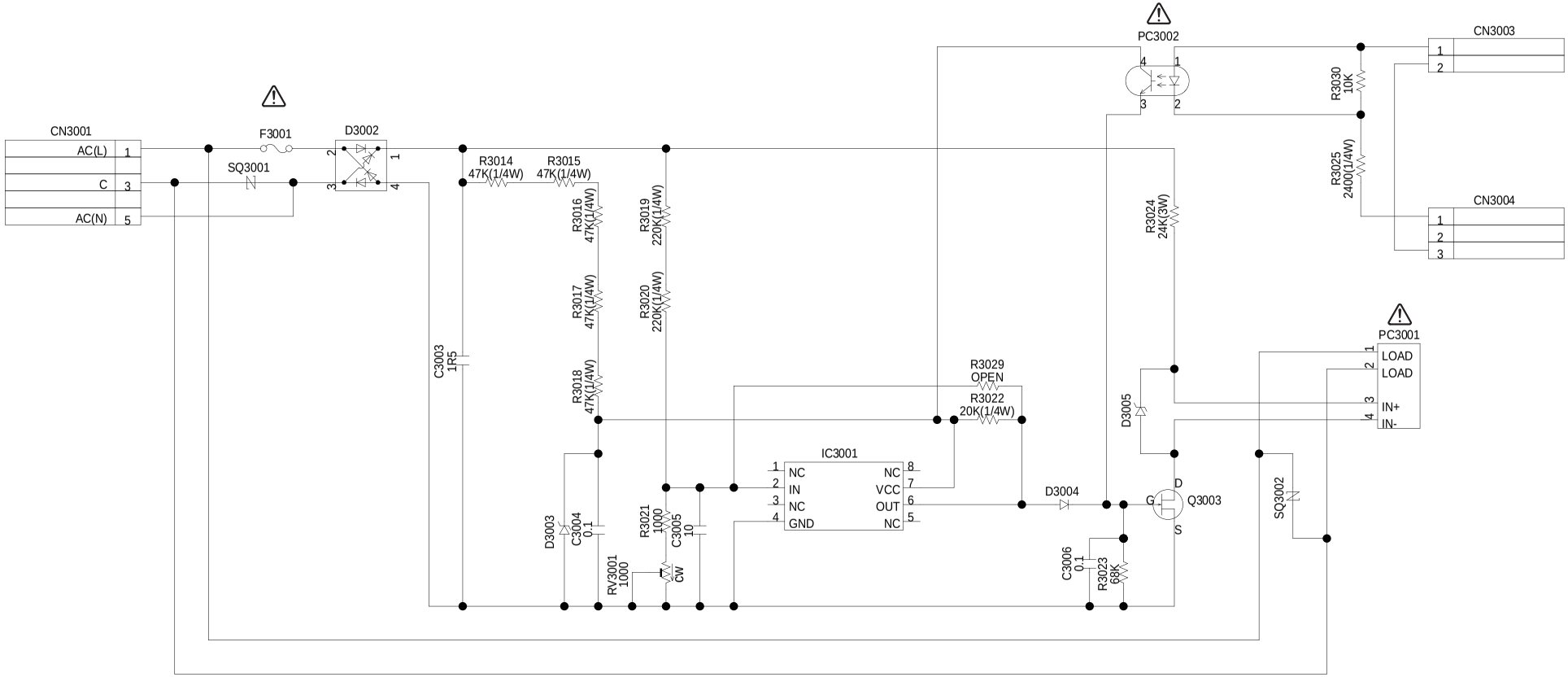
COMPONENT NAME	MOTHER	04/04
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0597	B162K953B (4/4)	
	SCM045	



IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	SD-CARD	01/01
CIRCUIT BOARD NO.		DRAWING NO.
SVEPB0598		B162K958B (1/1)
		SCM046



IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

⚠警告 ⚠ 印の部品は安全上重要な部品です。
交換するときは、安全及び性能維持のため必ず指定の部品をご使用ください。

COMPONENT NAME	POWER	01/01
CIRCUIT BOARD NO.	DRAWING NO.	
SVEPB0591	B162K941B (1/1)	
	SCM047	

SECTION 5

EXPLODED VIEWS
&
REPLACEMENT PARTS LIST

Note:

1. *Be sure to make your orders of replacement parts according to this list.
2. Unless otherwise specified, all resistors are in OHMS, K=1,000 OHMS, all capacitors are in MICROFARADS (μF), P=μμF,
3. The P.C.Board unit marked with "■" shown below the main assembled parts.
4. The parts marked with Ⓔ on the exploded view show the electric parts.
5. IMPORTANT SAFETY NOTICE
   Components identified with the mark ⚠ have the special characteristics for safety. When replacing any of these components, use only the same type.
6. The marking (RTL) indicates the retention time is limited for this item.
   After the discontinuation of this assembly in production, it will no longer be available.
7. "M" in Remark column indicates needed in the periodical maintenance.

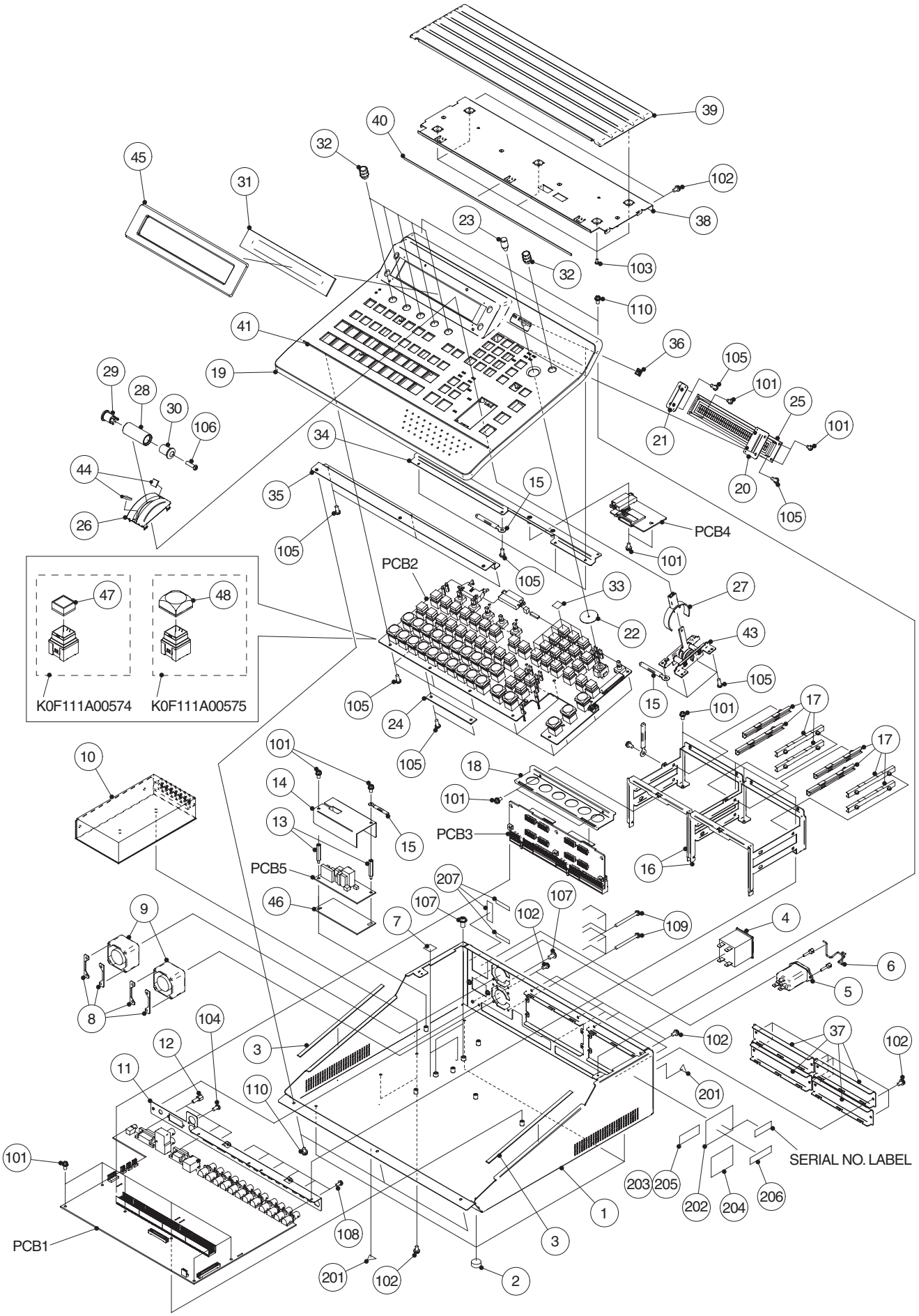
CONTENTS

CHASSIS FRAME ASSEMBLY PRT-1

PACKAGING PARTS ASSEMBLY PRT-3

ELECTRICAL REPLACEMENT PARTS LIST PRT-4

CHASSIS FRAME ASSEMBLY

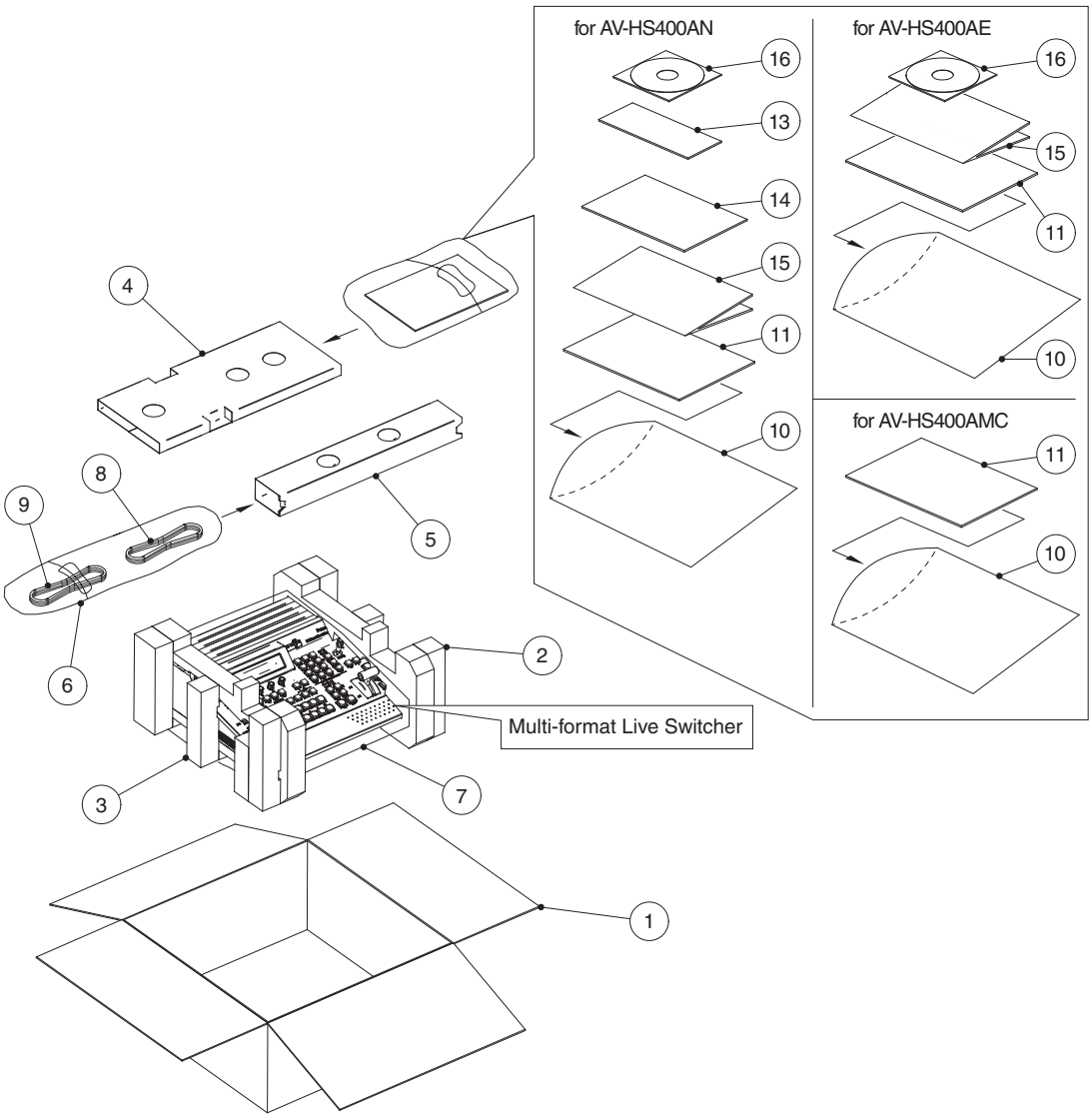


CHASSIS FRAME ASSEMBLY

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
1	1L2G217E	CHASSIS	1	
2	9A2A340A	RUBBER CUSHION	4	
3	8Z2A050AA	GASKET	2	
⚠ 4	K5JYYB000069	BRAKER	1	(AN)
⚠ 4	K5JYYB000063	BRAKER	1	(AE,AMC)
⚠ 5	K2AH3H000026	AC INLET	1	
6	9A10914BA	CORD CLAMP	1	(AN)
6	9A2A130AE	CORD CLAMP	1	(AE,AMC)
⚠ 7	7G2A495B	GROUND LABEL	2	
8	V1FA0066B4	NUT	4	
⚠ 9	VEKB1617	FAN ASSY	2	
10	N0AE1EJ00009	AC/DC CONVERTER	1	
11	1L2G218B	CONNECTOR BRACKET	1	
12	K1YE25000008	LOCK SCREW	2	
13	9A2A796AH	SPACER	1	(AN)
13	9A2A796AH	SPACER	2	(AE,AMC)
14	3CZ001273AAA	BARRIER	1	(AE,AMC)
15	VJR1120	COATING CLIP	3	
16	1L2G222C	RAIL BRACKET	2	
17	K9ZZ00001807	GUIDE RAIL	8	
18	1L2G219B	STOPPER	1	
⚠ 19	5M2A011E	PANEL	1	
20	1L2G203BB	LCD BRACKET(R)	1	
21	1L2G203BA	LCD BRACKET(L)	1	
22	5K2A161A	SPACER	1	
23	5K2A163B	POSITIONER KNOB	1	
24	5K2A159B	INSULATOR	1	
25	SVEKB1666	LCD MODULE	1	
26	3CG001118AAA	FADER PANEL COVER	1	
27	V5EA1151A3	FADER SHAFT COVER	1	
28	VGU9111	FADER GRIP	1	
29	VGU9110	FADER CAP (B)	1	
30	VGU9109	FADER CAP (A)	1	
31	5B2B196C	LCD COVER	1	
32	5R2A003D	KNOB	6	
33	7K2B229A	SWITCH INSERT	1	
34	1L2G220B	REAR BRACKET	1	
35	1L2G221A	FRONT BRACKET	1	
36	5Y2A012A	LED LENS	1	
37	1L2G231A	BLANK PANEL	4	
38	1L2G223C	COVER BRACKET	1	
39	5M2A012B	TOP COVER	1	
40	8Z2A050AB	GASKET	1	
41	3EZ001362BAA	LINE SEAL	1	
42	K4DYD0000134	TERMINAL	6	
43	VEQB2922	FADER ASSY	1	
44	VMF0557-1	SPONGE	2	
45	5C2A038B	FRAME ORNAMENT	1	
46	3CZ001274AAA	BARRIER	1	(AE,AMC)
47	KP01-DCN	SWITCH COVER (SMALL)	10	FOR K0F111A00574
48	KP01-CCN	SWITCH COVER (LARGE)	25	FOR K0F111A00575
101	XYN3+J6FN	STANDARD SCREW	14	(AN)
101	XYN3+J6FN	STANDARD SCREW	16	(AE,AMC)
102	XSB3+6FJK	STANDARD SCREW	19	
103	XTB3+6GFN	STANDARD SCREW	5	
104	XTB3+8GFJK	STANDARD SCREW	1	
105	XTB3+8GFN	STANDARD SCREW	32	
106	XTN3+12GFN	STANDARD SCREW	1	
107	XYM4+E8V	STANDARD SCREW	3	
108	XYN25+J6FN	OTHERS PARTS(M)	16	
109	XYN3+J35FN	OTHERS PARTS(M)	8	
110	XYN3+J6FJK	STANDARD SCREW	5	
⚠ 201	V7MB0103A4	SAFETY LABEL	2	
⚠ 202	3PA004825AAA	MAIN LABEL	1	(AN)
⚠ 202	3PA004826BAA	MAIN LABEL	1	(AE)
⚠ 202	3PA004827AAA	MAIN LABEL	1	(AMC)
⚠ 203	V7MA0099B4	SAFETY LABEL	1	(AN,AE)
204	VQL1B22	FCC LABEL	1	(AN)
⚠ 205	3PC001356AAA	SAFETY LABEL	1	(AMC)
⚠ 206	3PD003497AAA	PRODUCT DATE LABEL	1	(AMC)
⚠ 207	3PD003733AAA	POWER LABEL	1	(AMC)

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
301	WC2A229A	CONNECTOR CABLE	1	SEE PAGE BLK-1,2
302	WC2A551A	CONNECTOR CABLE	1	SEE PAGE BLK-1,2
303	WC2A552A	CONNECTOR CABLE	1	SEE PAGE BLK-1,2
304	WC2A554A	CONNECTOR CABLE	1	SEE PAGE BLK-1,2
305	WC2A555A	CONNECTOR CABLE	1	SEE PAGE BLK-1,2
306	WC2A556A	CONNECTOR CABLE	1	SEE PAGE BLK-1,2
307	WC2A557A	CONNECTOR CABLE	1	SEE PAGE BLK-2(AE,AMC)
308	K1PY40Y00002	CONNECTOR CABLE	1	SEE PAGE BLK-1,2
309	K1PY50Y00004	CONNECTOR CABLE	1	SEE PAGE BLK-1,2
310	WC2A553B	CONNECTOR CABLE	1	SEE PAGE BLK-1,2
401	J0KF00000014	LC FILTER	4	SEE PAGE BLK-1,2
■ PCB1	SVEPB0588A	MAIN P.C.BOARD	1	(RTL)
■ PCB2	SVEPB0589A	PANEL P.C.BOARD	1	(RTL)
■ PCB3	SVEPB0597A	MOTHER P.C.BOARD	1	(RTL)
■ PCB4	SVEPB0598A	SD CARD P.C.BOARD	1	(RTL)
■ PCB5	SVEPB0591A	POWER P.C.BOARD	1	(RTL) (AE,AMC)

PACKAGING PARTS ASSEMBLY



Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
1	3RA001960AAA	MASTER CARTON	1	(AN)
1	3RA001961AAA	MASTER CARTON	1	(AE)
1	3RA001962AAA	MASTER CARTON	1	(AMC)
2	3RD002134BAA	CUSHIONING(RIGHT)	1	
3	3RD002135CAA	CUSHIONING(LEFT)	1	
4	3RM001199AAA	PACKAGING CASE	1	
5	3RM001200AAA	PACKAGING CASE	1	
6	PE20X35C05B	POLYETHYLENE BAG	1	
7	PE55X71C05C	POLYETHYLENE BAG	1	
⚠ 8	K2CG3YY00027	POWER CABLE	1	(AN)
⚠ 8	K2CK3FH00001	POWER CABLE	1	(AMC)
⚠ 8	K2CN2FH00001	POWER CABLE	1	(AE)
⚠ 9	K2CT3FH00002	POWER CABLE	1	(AE)
10	PE25X35C05B	POLYETHYLENE BAG	1	
⚠ 11	VQTB0342	OPERATING INSTRUCTIONS	1	(AN)
⚠ 11	VQTB0343	OPERATING INSTRUCTIONS	1	(AE)
⚠ 11	VQTB0344	OPERATING INSTRUCTIONS	1	(AMC)
12	3TU001959AAA	PRINTED MATTERS	1	(AE)
13	VQA0892	WARRANTY CARD	1	(AN) NORTH AMERICA
14	A8UA0550F2	WARRANTY CARD	1	(AN) JAPAN
15	VQC3614	AREA SHEET	1	(AE)
16	VFVB0011	CD-ROM	1	(AN,AE)
16	VFVB0012	CD-ROM	1	(AMC)

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks

ELECTRICAL REPLACEMENT PARTS LIST

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
■ PCB1	SVEPB0588A	MAIN P.C.BOARD	1	(RTL)
■ PCB2	SVEPB0589A	PANEL P.C.BOARD	1	(RTL)
■ PCB3	SVEPB0597A	MOTHER P.C.BOARD	1	(RTL)
■ PCB4	SVEPB0598A	SD CARD P.C.BOARD	1	(RTL)
■ PCB5	SVEPB0591A	POWER P.C.BOARD	1	(RTL) (AE,AMC)
■ PCB1	SVEPB0588A	MAIN P.C.BOARD	1	(RTL)
B1	N9ZZ00000178	BATTERY HOLDER	1	
C1	F3F1C475A045	T.CAPACITOR 16V 4.7U	1	
C2	F1H1H470A231	C.CAPACITOR 50V 47P	1	
C3	F1H1H470A231	C.CAPACITOR 50V 47P	1	
C4	F1H1H1R5A259	C.CAPACITOR 50V 1.5P	1	
C5	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C6	F1H1A105A004	C.CAPACITOR 10V 1U	1	
C8	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C9	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C10	F3F1C475A045	T.CAPACITOR 16V 4.7U	1	
C11	F3F1C475A045	T.CAPACITOR 16V 4.7U	1	
C12	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C13	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C14	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C15	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C16	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C17	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C18	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C19	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C20	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C21	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C22	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C23	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C24	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C25	F3F1C105A045	T.CAPACITOR 16V 1U	1	
C26	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C27	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C28	F1H1H222A190	C.CAPACITOR 50V 2200P	1	
C29	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C30	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C32	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C33	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C34	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C35	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C36	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C37	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C38	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C39	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C40	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C41	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C42	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C43	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C44	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C45	F3F1C475A045	T.CAPACITOR 16V 4.7U	1	
C46	F1H1H470A231	C.CAPACITOR 50V 47P	1	
C47	F1H1H470A231	C.CAPACITOR 50V 47P	1	
C48	F1H1H1R5A259	C.CAPACITOR 50V 1.5P	1	
C49	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C50	F1H1A105A004	C.CAPACITOR 10V 1U	1	
C52	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C53	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C54	F3F1C475A045	T.CAPACITOR 16V 4.7U	1	
C55	F3F1C475A045	T.CAPACITOR 16V 4.7U	1	
C56	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C57	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C58	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C59	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C60	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C61	F1J1A106A043	C.CAPACITOR 10V 10U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C62	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C63	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C64	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C65	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C66	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C67	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C68	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C69	F3F1C105A045	T.CAPACITOR 16V 1U	1	
C70	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C71	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C72	F1H1H222A190	C.CAPACITOR 50V 2200P	1	
C73	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C74	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C76	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C77	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C78	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C79	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C80	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C81	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C82	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C83	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C84	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C85	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C86	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C87	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C88	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C89	F3F1C475A045	T.CAPACITOR 16V 4.7U	1	
C90	F1H1H470A231	C.CAPACITOR 50V 47P	1	
C91	F1H1H470A231	C.CAPACITOR 50V 47P	1	
C92	F1H1H1R5A259	C.CAPACITOR 50V 1.5P	1	
C93	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C94	F1H1A105A004	C.CAPACITOR 10V 1U	1	
C96	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C97	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C98	F3F1C475A045	T.CAPACITOR 16V 4.7U	1	
C99	F3F1C475A045	T.CAPACITOR 16V 4.7U	1	
C100	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C101	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C102	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C103	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C104	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C105	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C106	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C107	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C108	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C109	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C110	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C111	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C112	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C113	F3F1C105A045	T.CAPACITOR 16V 1U	1	
C114	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C115	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C116	F1H1H222A190	C.CAPACITOR 50V 2200P	1	
C117	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C118	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C120	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C121	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C122	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C123	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C124	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C125	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C126	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C127	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C128	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C129	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C130	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C131	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C132	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C133	F3F1C475A045	T.CAPACITOR 16V 4.7U	1	
C134	F1H1H470A231	C.CAPACITOR 50V 47P	1	
C135	F1H1H470A231	C.CAPACITOR 50V 47P	1	
C136	F1H1H1R5A259	C.CAPACITOR 50V 1.5P	1	
C137	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C138	F1H1A105A004	C.CAPACITOR 10V 1U	1	
C140	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C141	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C142	F3F1C475A045	T.CAPACITOR 16V 4.7U	1	
C143	F3F1C475A045	T.CAPACITOR 16V 4.7U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C144	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C145	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C146	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C147	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C148	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C149	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C150	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C151	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C152	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C153	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C154	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C155	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C156	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C157	F3F1C105A045	T.CAPACITOR 16V 1U	1	
C158	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C159	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C160	F1H1H222A190	C.CAPACITOR 50V 2200P	1	
C161	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C162	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C164	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C165	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C166	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C167	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C168	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C169	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C170	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C171	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C172	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C173	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C174	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C175	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C176	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C177	F3F1C475A045	T.CAPACITOR 16V 4.7U	1	
C178	F3F1C475A045	T.CAPACITOR 16V 4.7U	1	
C179	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C182	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C183	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C184	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C185	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C186	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C187	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C188	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C189	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C190	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C191	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C192	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C193	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C194	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C195	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C196	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C197	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C198	F1H1A4740009	C.CAPACITOR 10V 0.47U	1	
C199	F3F1C105A045	T.CAPACITOR 16V 1U	1	
C200	F3F1C475A045	T.CAPACITOR 16V 4.7U	1	
C201	F3F1C475A045	T.CAPACITOR 16V 4.7U	1	
C202	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C205	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C206	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C207	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C208	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C209	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C210	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C211	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C212	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C213	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C214	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C215	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C216	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C217	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C218	F3F1C475A045	T.CAPACITOR 16V 4.7U	1	
C219	F3F1C475A045	T.CAPACITOR 16V 4.7U	1	
C220	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C222	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C223	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C224	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C225	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C226	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C227	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C228	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C229	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C230	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C231	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C232	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C233	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C234	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C235	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C236	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C237	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C238	F1H1A4740009	C.CAPACITOR 10V 0.47U	1	
C239	F3F1C105A045	T.CAPACITOR 16V 1U	1	
C240	F3F1C475A045	T.CAPACITOR 16V 4.7U	1	
C241	F3F1C475A045	T.CAPACITOR 16V 4.7U	1	
C242	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C245	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C246	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C247	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C248	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C249	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C250	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C252	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C253	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C254	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C255	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C256	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C257	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C258	F3F1C475A045	T.CAPACITOR 16V 4.7U	1	
C259	F3F1C475A045	T.CAPACITOR 16V 4.7U	1	
C260	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C262	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C263	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C264	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C265	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C266	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C267	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C268	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C269	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C270	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C271	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C272	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C273	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C274	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C275	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C276	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C277	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C278	F1H1A4740009	C.CAPACITOR 10V 0.47U	1	
C279	F3F1C105A045	T.CAPACITOR 16V 1U	1	
C280	F3F1C475A045	T.CAPACITOR 16V 4.7U	1	
C281	F3F1C475A045	T.CAPACITOR 16V 4.7U	1	
C282	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C285	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C286	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C287	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C288	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C289	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C290	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C291	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C292	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C293	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C294	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C295	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C296	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C297	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C298	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C299	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C300	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C301	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C302	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C303	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C304	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C305	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C306	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C307	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C308	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C309	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C310	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C311	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C312	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C313	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C314	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C315	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C316	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C317	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C318	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C319	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C320	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C321	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C322	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C323	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C324	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C325	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C326	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C327	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C328	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C329	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C330	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C331	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C332	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C333	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C334	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C335	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C336	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C337	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C338	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C339	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C340	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C341	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C342	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C343	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C344	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C345	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C346	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C347	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C348	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C349	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C350	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C351	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C352	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C353	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C354	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C355	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C356	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C357	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C358	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C359	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C360	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C361	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C363	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C364	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C365	F1H1A105A004	C.CAPACITOR 10V 1U	1	
C366	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C367	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C368	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C370	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C371	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C372	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C374	F1H1A105A004	C.CAPACITOR 10V 1U	1	
C375	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C376	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C377	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C378	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C379	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C381	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C383	F1H1A105A004	C.CAPACITOR 10V 1U	1	
C384	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C385	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C386	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C387	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C388	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C389	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C390	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C392	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C393	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C394	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C395	F4Z1A3360002	E.CAPACITOR 10V 33U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C396	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C397	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C398	F1H1H3310001	C.CAPACITOR 50V 330P	1	
C399	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C400	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C401	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C402	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C403	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C404	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C405	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C406	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C407	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C408	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C409	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C410	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C411	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C412	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C413	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C414	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C415	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C416	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C417	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C418	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C419	F1H1H3310001	C.CAPACITOR 50V 330P	1	
C420	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C421	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C422	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C423	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C424	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C425	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C426	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C427	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C428	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C429	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C430	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C431	F1H1H3310001	C.CAPACITOR 50V 330P	1	
C432	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C433	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C434	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C435	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C436	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C437	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C438	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C439	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C440	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C441	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C442	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C443	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C444	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C445	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C446	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C447	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C448	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C449	F1H1H3310001	C.CAPACITOR 50V 330P	1	
C450	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C451	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C452	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C453	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C454	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C455	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C456	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C457	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C458	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C459	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C460	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C461	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C462	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C463	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C464	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C465	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C466	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C467	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C468	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C469	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C470	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C471	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C472	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C473	F4Z1A3360002	E.CAPACITOR 10V 33U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C474	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C475	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C476	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C477	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C478	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C479	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C480	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C481	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C482	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C483	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C484	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C485	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C486	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C487	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C488	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C489	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C490	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C491	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C492	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C493	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C494	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C495	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C496	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C497	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C498	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C499	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C500	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C501	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C502	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C503	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C504	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C505	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C506	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C507	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C508	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C509	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C510	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C511	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C512	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C513	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C514	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C515	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C516	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C517	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C518	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C519	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C520	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C521	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C522	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C523	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C524	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C525	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C526	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C527	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C528	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C529	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C530	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C531	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C532	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C533	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C534	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C535	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C536	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C537	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C538	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C539	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C540	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C541	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C542	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C543	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C544	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C545	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C546	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C547	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C548	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C549	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C550	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C551	F4Z1A3360002	E.CAPACITOR 10V 33U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C552	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C553	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C554	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C555	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C556	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C557	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C558	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C559	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C560	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C561	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C562	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C563	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C564	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C565	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C566	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C567	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C568	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C569	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C570	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C571	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C572	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C573	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C574	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C575	F1H1A105A004	C.CAPACITOR 10V 1U	1	
C576	F1H1A105A004	C.CAPACITOR 10V 1U	1	
C577	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C578	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C579	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C580	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C581	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C582	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C583	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C584	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C585	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C586	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C587	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C589	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C590	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C592	F1H1A105A004	C.CAPACITOR 10V 1U	1	
C593	F1H1A105A004	C.CAPACITOR 10V 1U	1	
C594	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C595	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C596	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C604	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C607	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C609	F1H1A105A004	C.CAPACITOR 10V 1U	1	
C610	F1H1A105A004	C.CAPACITOR 10V 1U	1	
C611	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C612	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C613	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C615	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C618	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C619	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C620	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C622	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C623	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C624	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C625	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C626	F1H1A105A004	C.CAPACITOR 10V 1U	1	
C627	F1H1A105A004	C.CAPACITOR 10V 1U	1	
C628	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C629	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C630	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C631	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C632	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C633	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C634	F1H1A105A004	C.CAPACITOR 10V 1U	1	
C635	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C636	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C637	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C638	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C639	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C641	F1H1A105A004	C.CAPACITOR 10V 1U	1	
C642	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C646	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C647	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C648	F1H1A105A004	C.CAPACITOR 10V 1U	1	
C651	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C653	F1G1E104A087	C.CAPACITOR 25V 0.1U	1	
C654	F1H1A105A004	C.CAPACITOR 10V 1U	1	
C655	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C656	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C657	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C658	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C659	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C660	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C661	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C662	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C663	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C664	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C665	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C666	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C667	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C668	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C669	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C670	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C671	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C672	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C673	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C674	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C675	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C676	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C677	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C678	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C679	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C680	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C681	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C682	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C683	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C684	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C685	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C686	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C687	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C688	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C689	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C690	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C691	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C692	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C693	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C694	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C695	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C696	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C697	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C698	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C699	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C700	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C701	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C702	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C703	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C704	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C705	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C706	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C707	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C708	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C709	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C710	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C711	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C712	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C713	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C714	F1H1A105A004	C.CAPACITOR 10V 1U	1	
C715	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C716	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C717	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C718	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C719	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C720	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C721	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C722	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C723	F1H1A105A004	C.CAPACITOR 10V 1U	1	
C724	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C725	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C726	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C727	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C728	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C729	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C730	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C731	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C732	F1H1A105A004	C.CAPACITOR 10V 1U	1	
C733	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C734	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C735	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C736	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C737	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C738	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C739	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C740	F1H1A105A004	C.CAPACITOR 10V 1U	1	
C741	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C742	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C743	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C744	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C745	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C746	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C747	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C748	F1H1H3310001	C.CAPACITOR 50V 330P	1	
C749	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C750	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C751	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C752	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C753	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C754	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C755	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C756	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C757	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C758	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C759	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C760	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C761	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C762	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C763	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C764	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C765	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C766	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C767	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C768	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C769	F1H1H3310001	C.CAPACITOR 50V 330P	1	
C770	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C771	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C772	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C773	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C774	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C775	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C776	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C777	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C778	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C779	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C780	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C781	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C782	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C783	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C784	F1H1H3310001	C.CAPACITOR 50V 330P	1	
C785	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C786	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C787	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C788	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C789	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C790	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C791	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C792	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C793	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C794	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C795	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C796	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C797	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C798	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C799	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C800	F1H1H3310001	C.CAPACITOR 50V 330P	1	
C801	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C802	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C803	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C804	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C805	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C806	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C807	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C808	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C809	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C810	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C811	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C812	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C813	F1H1H3310001	C.CAPACITOR 50V 330P	1	
C814	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C815	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C816	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C817	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C818	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C819	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C820	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C821	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C822	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C823	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C824	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C825	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C826	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C827	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C828	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C829	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C830	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C831	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C832	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C833	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C834	F1H1H3310001	C.CAPACITOR 50V 330P	1	
C835	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C836	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C837	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C838	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C839	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C840	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C841	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C842	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C843	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C844	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C845	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C846	F1H1H3310001	C.CAPACITOR 50V 330P	1	
C847	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C848	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C849	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C850	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C851	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C852	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C853	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C854	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C855	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C856	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C857	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C858	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C859	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C860	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C861	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C862	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C863	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C864	F1H1H3310001	C.CAPACITOR 50V 330P	1	
C865	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C866	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C867	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C868	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C869	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C870	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C871	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C872	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C873	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C874	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C875	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C876	EEEHB1C101P	E.CAPACITOR 16V 100U	1	
C878	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C879	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C880	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C881	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C882	F1H1H680A231	C.CAPACITOR 50V 68P	1	
C883	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C884	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C885	F1H1H680A231	C.CAPACITOR 50V 68P	1	
C886	F1H1H470A231	C.CAPACITOR 50V 47P	1	
C887	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C888	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C889	F1H1H470A231	C.CAPACITOR 50V 47P	1	
C890	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C891	F1H1H101A231	C.CAPACITOR 50V 100P	1	
C892	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C893	F1H1H473A199	C.CAPACITOR 50V 0.047U	1	
C894	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C895	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C896	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C897	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C898	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C899	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C900	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C901	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C902	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C903	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C904	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C905	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C906	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C907	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C908	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C909	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C910	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C911	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C912	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C913	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C914	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C915	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C916	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C917	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C918	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C919	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C920	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C921	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C922	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C923	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C924	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C925	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C926	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C927	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C928	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C929	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C930	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C931	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C932	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C933	F1H1H560A231	C.CAPACITOR 50V 56P	1	
C934	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C935	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C936	F1H1H560A231	C.CAPACITOR 50V 56P	1	
C937	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C938	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C939	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C940	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C941	EEEHB1C101P	E.CAPACITOR 16V 100U	1	
C942	EEEHB1E330P	E.CAPACITOR 25V 33U	1	
C943	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C944	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C945	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C946	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C947	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C948	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C949	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C950	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C951	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C952	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C953	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C954	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C955	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C956	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C957	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C959	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C960	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C961	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C962	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C963	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C964	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C965	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C966	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C967	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C968	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C969	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C970	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C971	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C972	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C973	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C974	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C975	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C976	EEEHB1C101P	E.CAPACITOR 16V 100U	1	
C977	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C978	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C979	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C980	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C981	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C982	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C983	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C984	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C985	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C986	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C987	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C988	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C989	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C990	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C991	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C992	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C993	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C994	F1H1C683A061	C.CAPACITOR 16V 0.068U	1	
C995	F1H1C683A061	C.CAPACITOR 16V 0.068U	1	
C996	F1H1H223A219	C.CAPACITOR 50V 0.022U	1	
C997	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C998	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C999	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1000	F1L3D1020001	C.CAPACITOR 2000V 1000P	1	
C1001	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1002	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1003	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1004	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1005	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1006	F1L3D1020001	C.CAPACITOR 2000V 1000P	1	
C1007	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1008	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1009	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1010	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1012	EEEHB1C101P	E.CAPACITOR 16V 100U	1	
C1018	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1019	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C1020	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1021	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C1022	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1023	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C1024	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1025	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C1026	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1027	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C1028	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1029	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C1030	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C1031	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1032	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C1033	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1034	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C1035	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1036	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C1037	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1038	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C1039	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C1040	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1041	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C1042	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1043	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C1044	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1045	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C1046	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1047	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C1049	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C1050	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1051	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C1052	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1053	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1054	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1056	F2H1D1010001	E.CAPACITOR 20V 100U	1	
C1057	F2H1D1010001	E.CAPACITOR 20V 100U	1	
C1060	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1061	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1062	F2H1D1010001	E.CAPACITOR 20V 100U	1	
C1063	F2H1D1010001	E.CAPACITOR 20V 100U	1	
C1064	F2H1D1010001	E.CAPACITOR 20V 100U	1	
C1065	F2H1D1010001	E.CAPACITOR 20V 100U	1	
C1066	F2H1D1010001	E.CAPACITOR 20V 100U	1	
C1067	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1068	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1069	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1070	F2H1D1010001	E.CAPACITOR 20V 100U	1	
C1071	F2H1D1010001	E.CAPACITOR 20V 100U	1	
C1072	F2H1D1010001	E.CAPACITOR 20V 100U	1	
C1073	F2H1D1010001	E.CAPACITOR 20V 100U	1	
C1074	F2H1D1010001	E.CAPACITOR 20V 100U	1	
C1075	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1076	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1077	F1H1H102A219	C.CAPACITOR 50V 1000P	1	
C1078	F1H1H102A219	C.CAPACITOR 50V 1000P	1	
C1079	F1H1H102A219	C.CAPACITOR 50V 1000P	1	
C1080	F2H1D1010001	E.CAPACITOR 20V 100U	1	
C1081	F2H1D1010001	E.CAPACITOR 20V 100U	1	
C1082	F2H1D1010001	E.CAPACITOR 20V 100U	1	
C1083	F2H1D1010001	E.CAPACITOR 20V 100U	1	
C1084	F2H1D1010001	E.CAPACITOR 20V 100U	1	
C1085	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1086	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C1087	F2H1D1010001	E.CAPACITOR 20V 100U	1	
C2001	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C2002	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C2003	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C2004	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C2005	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C2006	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C2007	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C2008	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C2009	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C2010	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C2011	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C2012	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C2013	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C2014	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C2015	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C2016	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C2017	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C2018	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C2019	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C2020	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C2021	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C2022	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C2023	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C2034	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C2035	F1H1H101A231	C.CAPACITOR 50V 100P	1	
C2037	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C2038	F1H1H101A231	C.CAPACITOR 50V 100P	1	
C2040	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C2041	F1H1H101A231	C.CAPACITOR 50V 100P	1	
C2043	F1H1H103A219	C.CAPACITOR 50V 0.01U	1	
C2044	F1H1H101A231	C.CAPACITOR 50V 100P	1	
C2054	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C3004	F1J1H104A578	C.CAPACITOR 50V 0.1U	1	
C3005	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C3006	F1J1H104A578	C.CAPACITOR 50V 0.1U	1	
D1	B3ACB0000008	LED	1	
D2	B3ABB0000010	LED	1	
D3	B0ECKR000026	DIODE	1	
D4	B3ACB0000008	LED	1	
D5	B3ABB0000010	LED	1	
D6	B0ECKR000026	DIODE	1	
D7	B3ACB0000008	LED	1	
D8	B3ABB0000010	LED	1	
D9	B0ECKR000026	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D10	B3ACB0000008	LED	1	
D11	B3ABB0000010	LED	1	
D12	B0ECKR000026	DIODE	1	
D13	B3ABB0000010	LED	1	
D14	B3ABB0000010	LED	1	
D15	B3ABB0000010	LED	1	
D16	B3ABB0000010	LED	1	
D17	B0ECKR000026	DIODE	1	
D18	B0ECKR000026	DIODE	1	
D19	B3ABB0000010	LED	1	
D20	B3ABB0000010	LED	1	
D21	B0ECKR000026	DIODE	1	
D22	B0JCCE000014	DIODE	1	
D23	B0JCCE000014	DIODE	1	
D24	B3ABB0000010	LED	1	
D25	B3ABB0000010	LED	1	
D26	B3ABB0000010	LED	1	
D27	B3ABB0000010	LED	1	
D28	B3ABB0000010	LED	1	
D29	B3ABB0000010	LED	1	
D34	B0JCPD000032	DIODE	1	
D35	B0JCPD000032	DIODE	1	
D36	B0JCPD000032	DIODE	1	
D37	B0ECKR000026	DIODE	1	
D2001	B0ECKR000026	DIODE	1	
D2002	B0ECKR000026	DIODE	1	
D3003	B0BC013A0235	DIODE	1	
D3004	B0ACDL000006	DIODE	1	
⚠ F1	K5H252AA0011	CURRENT FUSE 2.5A	1	
⚠ F3	K5H252AA0011	CURRENT FUSE 2.5A	1	
⚠ F4	K5H252AA0011	CURRENT FUSE 2.5A	1	
⚠ F5	K5H502AA0010	CURRENT FUSE 5A	1	
⚠ F6	K5H502AA0010	CURRENT FUSE 5A	1	
⚠ F8	K5H102B00004	CURRENT FUSE 1A	1	
⚠ F9	K5H102B00004	CURRENT FUSE 1A	1	
⚠ F10	K5H202AA0010	CURRENT FUSE 2A	1	
⚠ F11	K5H202AA0010	CURRENT FUSE 2A	1	
⚠ F12	K5H202AA0010	CURRENT FUSE 2A	1	
⚠ F13	K5H252AA0011	CURRENT FUSE 2.5A	1	
⚠ F14	K5H252AA0011	CURRENT FUSE 2.5A	1	
IC1	C1AB00002673	LINEAR INTEGRATED IC	1	
IC2	C0JBAZ002217	LOGIC IC	1	
IC3	C1AB00002207	LINEAR INTEGRATED IC	1	
IC4	C0JBAZ002217	LOGIC IC	1	
IC5	C0CBAAE00023	REGULATOR IC	1	
IC6	C1AB00002673	LINEAR INTEGRATED IC	1	
IC7	C0JBAZ002217	LOGIC IC	1	
IC8	C1AB00002207	LINEAR INTEGRATED IC	1	
IC9	C0JBAZ002217	LOGIC IC	1	
IC10	C0CBAAE00023	REGULATOR IC	1	
IC11	C1AB00002673	LINEAR INTEGRATED IC	1	
IC12	C0JBAZ002217	LOGIC IC	1	
IC13	C1AB00002207	LINEAR INTEGRATED IC	1	
IC14	C0JBAZ002217	LOGIC IC	1	
IC15	C0CBAAE00023	REGULATOR IC	1	
IC16	C1AB00002673	LINEAR INTEGRATED IC	1	
IC17	C0JBAZ002217	LOGIC IC	1	
IC18	C1AB00002207	LINEAR INTEGRATED IC	1	
IC19	C0JBAZ002217	LOGIC IC	1	
IC20	C0CBAAE00023	REGULATOR IC	1	
IC21	C1AB00002621	LINEAR INTEGRATED IC	1	
IC22	GS1531CBE2ME	LINEAR INTEGRATED IC	1	
IC23	C0JBAZ002217	LOGIC IC	1	
IC24	C0CBAAE00023	REGULATOR IC	1	
IC25	C1AB00002621	LINEAR INTEGRATED IC	1	
IC26	GS1531CBE2ME	LINEAR INTEGRATED IC	1	
IC28	C0CBAAE00023	REGULATOR IC	1	
IC29	C1AB00002621	LINEAR INTEGRATED IC	1	
IC30	GS1531CBE2ME	LINEAR INTEGRATED IC	1	
IC31	C0CBAAE00023	REGULATOR IC	1	
IC32	C1ZBZ0003323	LINEAR INTEGRATED IC	1	
IC33	C3ABSY000027	DRAM	1	
IC34	C3ABSY000027	DRAM	1	
IC35	C3ABSY000027	DRAM	1	
IC36	C3ABSY000027	DRAM	1	
IC37	C1ZBZ0003205	LINEAR INTEGRATED IC	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC39	C3ABSY000027	DRAM	1	
IC40	C3ABSY000027	DRAM	1	
IC41	C3ABSY000027	DRAM	1	
IC42	C3ABSY000027	DRAM	1	
IC43	C3ABSY000027	DRAM	1	
IC44	C3ABSY000027	DRAM	1	
IC45	C3ABSY000027	DRAM	1	
IC46	C3ABSY000027	DRAM	1	
IC47	C0CBABG00019	REGULATOR IC	1	
IC48	C1AB00000155	LINEAR INTEGRATED IC	1	
IC49	C0CBAAE00023	REGULATOR IC	1	
IC50	C0JBCZ000513	LOGIC IC	1	
IC51	C1AB00002380	LINEAR INTEGRATED IC	1	
IC52	C1AB00002334	LINEAR INTEGRATED IC	1	
IC53	C0JBCZ000513	LOGIC IC	1	
IC54	C0JBAZ000622	LOGIC IC	1	
IC55	C0JBAZ001632	LOGIC IC	1	
IC56	C0JBAZ000622	LOGIC IC	1	
IC57	C1AB00002595	LINEAR INTEGRATED IC	1	
IC58	C1AB00002768	LINEAR INTEGRATED IC	1	
IC59	C1AB00002715	LINEAR INTEGRATED IC	1	
IC60	C2DBYY000178	MICRO CONTROLLER	1	
IC61	C0JBZZ000336	LOGIC IC	1	
IC62	C0EBF0000404	LINEAR INTEGRATED IC	1	
IC63	C0JBAZ002217	LOGIC IC	1	
IC64	C0JBAZ002217	LOGIC IC	1	
IC65	C9ZB00000475	IC	1	
IC66	C3FBRG000011	FLASH MEMORY	1	
IC67	C3ZBF0000015	MEMORY DEVICE	1	
IC68	C3ABRY000032	DRAM	1	
IC69	C3ABRY000032	DRAM	1	
IC70	G5BYC0000020	OSCILLATOR TRANSFORMER	1	
IC71	C1CB00002677	LINEAR INTEGRATED IC	1	
IC72	C1CB00002588	LINEAR INTEGRATED IC	1	
IC73	C0JBAZ002217	LOGIC IC	1	
IC75	C1ZBZ0003719	LINEAR INTEGRATED IC	1	
IC77	C0JBAZ001632	LOGIC IC	1	
IC78	C0JBZZ000070	LOGIC IC	1	
IC79	C0JBZZ000070	LOGIC IC	1	
IC80	C0JBAZ001632	LOGIC IC	1	
IC82	C0DBAYY00336	REGULATOR IC	1	
IC83	C0DBAYY00336	REGULATOR IC	1	
IC84	C0DBAFB00030	REGULATOR IC	1	
IC85	C0DBAFB00030	REGULATOR IC	1	
IC86	C0DBAFB00030	REGULATOR IC	1	
IC87	C0DBAYY00336	REGULATOR IC	1	
IC88	C0DBAYY00336	REGULATOR IC	1	
IC89	C0CBADE00034	REGULATOR IC	1	
IC2001	C0JBAZ001632	LOGIC IC	1	
IC2002	C0JBAZ001632	LOGIC IC	1	
IC2003	C0JBAZ001632	LOGIC IC	1	
IC2004	C0JBZZ000070	LOGIC IC	1	
IC2005	C0JBZZ000070	LOGIC IC	1	
IC2008	C0JBAZ002217	LOGIC IC	1	
IC2010	C0JBAZ002067	LOGIC IC	1	
IC2016	C0JBAZ001632	LOGIC IC	1	
IC3001	C0EBY0000377	LINEAR INTEGRATED IC	1	
J1	K1QBB2BB0008	CONNECTOR	1	
J2	K1QBB2BB0008	CONNECTOR	1	
J3	K1QBB2BB0008	CONNECTOR	1	
J4	K1QBB2BB0008	CONNECTOR	1	
J5	K1QBB2BB0008	CONNECTOR	1	
J6	K1QBB2BB0008	CONNECTOR	1	
J8	K1NC16A00001	CONNECTOR	1	
J9	K1NC16A00001	CONNECTOR	1	
J11	K1QBB2AB0002	CONNECTOR	1	
J12	K2HC103B0031	JACK	1	
L1	G1C6N8G00001	COIL	1	
L2	J0JDC0000016	LC FILTER	1	
L3	J0JDC0000016	LC FILTER	1	
L4	G1C5N6GA0032	COIL	1	
L5	J0JDC0000016	LC FILTER	1	
L6	J0JDC0000016	LC FILTER	1	
L7	J0JDC0000016	LC FILTER	1	
L8	J0JDC0000016	LC FILTER	1	
L9	J0JDC0000016	LC FILTER	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L10	J0JDC0000016	LC FILTER	1	
L11	G1C6N8G00001	COIL	1	
L12	J0JDC0000016	LC FILTER	1	
L13	J0JDC0000016	LC FILTER	1	
L14	G1C5N6GA0032	COIL	1	
L15	J0JDC0000016	LC FILTER	1	
L16	J0JDC0000016	LC FILTER	1	
L17	J0JDC0000016	LC FILTER	1	
L18	J0JDC0000016	LC FILTER	1	
L19	J0JDC0000016	LC FILTER	1	
L20	J0JDC0000016	LC FILTER	1	
L21	G1C6N8G00001	COIL	1	
L22	J0JDC0000016	LC FILTER	1	
L23	J0JDC0000016	LC FILTER	1	
L24	G1C5N6GA0032	COIL	1	
L25	J0JDC0000016	LC FILTER	1	
L26	J0JDC0000016	LC FILTER	1	
L27	J0JDC0000016	LC FILTER	1	
L28	J0JDC0000016	LC FILTER	1	
L29	J0JDC0000016	LC FILTER	1	
L30	J0JDC0000016	LC FILTER	1	
L31	G1C6N8G00001	COIL	1	
L32	J0JDC0000016	LC FILTER	1	
L33	J0JDC0000016	LC FILTER	1	
L34	G1C5N6GA0032	COIL	1	
L35	J0JDC0000016	LC FILTER	1	
L36	J0JDC0000016	LC FILTER	1	
L37	J0JDC0000016	LC FILTER	1	
L38	J0JDC0000016	LC FILTER	1	
L39	J0JDC0000016	LC FILTER	1	
L40	J0JDC0000016	LC FILTER	1	
L41	G1C5N6GA0032	COIL	1	
L42	G1C5N6GA0032	COIL	1	
L43	J0JDC0000016	LC FILTER	1	
L44	J0JDC0000016	LC FILTER	1	
L45	J0JDC0000016	LC FILTER	1	
L46	J0JDC0000016	LC FILTER	1	
L47	J0JDC0000016	LC FILTER	1	
L48	G1C5N6GA0032	COIL	1	
L49	J0JDC0000016	LC FILTER	1	
L50	J0JDC0000016	LC FILTER	1	
L51	J0JDC0000016	LC FILTER	1	
L52	J0JDC0000016	LC FILTER	1	
L53	J0JDC0000016	LC FILTER	1	
L54	G1C5N6GA0032	COIL	1	
L55	J0JDC0000016	LC FILTER	1	
L56	J0JDC0000016	LC FILTER	1	
L57	J0JDC0000016	LC FILTER	1	
L58	J0JDC0000016	LC FILTER	1	
L59	J0JDC0000016	LC FILTER	1	
L60	J0JHC0000006	LC FILTER	1	
L61	J0JHC0000006	LC FILTER	1	
L62	J0JHC0000006	LC FILTER	1	
L63	J0JKC0000007	LC FILTER	1	
L64	J0JHC0000006	LC FILTER	1	
L65	J0JHC0000006	LC FILTER	1	
L66	J0JDC0000016	LC FILTER	1	
L67	J0JDC0000016	LC FILTER	1	
L68	J0JDC0000016	LC FILTER	1	
L69	J0JDC0000016	LC FILTER	1	
L70	J0JDC0000016	LC FILTER	1	
L71	J0JDC0000016	LC FILTER	1	
L72	G1C10NJA0075	COIL	1	
L73	J0JDC0000016	LC FILTER	1	
L74	J0JHC0000006	LC FILTER	1	
L75	J0JHC0000006	LC FILTER	1	
L77	G1A270HA0032	COIL	1	
L78	G1A270HA0032	COIL	1	
L79	G1A270HA0032	COIL	1	
L80	J0JHC0000006	LC FILTER	1	
L81	J0JHC0000006	LC FILTER	1	
L82	J0JHC0000006	LC FILTER	1	
L2001	J0JDC0000016	LC FILTER	1	
L2002	J0JDC0000015	LC FILTER	1	
L2003	J0JDC0000015	LC FILTER	1	
L2004	J0JDC0000015	LC FILTER	1	
L2005	J0JDC0000015	LC FILTER	1	
L2006	J0JDC0000015	LC FILTER	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L2007	J0JDC0000015	LC FILTER	1	
L2008	J0JDC0000015	LC FILTER	1	
L2009	J0JDC0000015	LC FILTER	1	
L2010	J0JDC0000015	LC FILTER	1	
L2011	J0JDC0000015	LC FILTER	1	
L2012	J0JDC0000015	LC FILTER	1	
L2013	J0JDC0000015	LC FILTER	1	
L2014	J0JDC0000015	LC FILTER	1	
L2015	J0JDC0000015	LC FILTER	1	
L2016	J0JDC0000015	LC FILTER	1	
L2017	J0JDC0000015	LC FILTER	1	
L2018	J0JDC0000015	LC FILTER	1	
P4	K1KA14AA0279	CONNECTOR	1	
P5	K2LC108B0075	JACK	1	
P6	K1KA04AA0051	CONNECTOR	1	
P7	K1FB109B0076	CONNECTOR	1	
P8	K1FY115B0015	CONNECTOR	1	
P9	K1KA04A00032	CONNECTOR	1	
P11	K1KA50A00209	CONNECTOR	1	
P12	K1KYH5A00001	CONNECTOR	1	
P13	K1KYB0A00002	CONNECTOR	1	
P14	K1KYH5A00001	CONNECTOR	1	
P15	K1KYB0A00002	CONNECTOR	1	
P16	K1KA04A00629	CONNECTOR	1	
P18	K1KA03A00023	CONNECTOR	1	
P19	K1KA03A00023	CONNECTOR	1	
⚠ PC1	B3PBA0000010	OPT ELECTRONIC DEVICE	1	
Q1	2SA10220CL	TRANSISTOR	1	
Q2	2SA10220CL	TRANSISTOR	1	
Q3	2SA10220CL	TRANSISTOR	1	
Q4	2SA10220CL	TRANSISTOR	1	
Q5	2SA10220CL	TRANSISTOR	1	
Q6	2SA10220CL	TRANSISTOR	1	
Q7	2SD11190LL	TRANSISTOR	1	
Q8	B1HBGFG00018	TRANSISTOR ARRAY	1	
Q9	B1HBGFG00018	TRANSISTOR ARRAY	1	
Q13	2SD11190LL	TRANSISTOR	1	
Q14	2SD11190LL	TRANSISTOR	1	
Q15	B1CHRC000003	FET	1	
Q16	B1CHRC000003	FET	1	
Q17	B1CHRC000003	FET	1	
R1	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R2	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R3	ERJ3GEYJ390V	RESISTOR 1/10W 39	1	
R4	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R5	ERJ3GEYJ682V	RESISTOR 1/10W 6.8K	1	
R6	ERJ3GEYJ123V	RESISTOR 1/10W 12K	1	
R7	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R10	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R12	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R13	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R14	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R15	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R17	ERJ3GEYJ271V	RESISTOR 1/10W 270	1	
R18	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R20	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R21	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R22	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R25	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R26	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R27	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R28	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R29	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R30	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R31	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R32	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R33	ERJ3GEYJ221V	RESISTOR 1/10W 220	1	
R34	ERJ3GEYJ221V	RESISTOR 1/10W 220	1	
R36	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R37	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R38	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R39	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R40	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R41	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R42	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R43	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R44	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R45	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R46	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R47	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R48	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R49	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R50	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R51	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R52	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R53	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R54	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R55	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R56	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R57	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R58	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R59	ERJ3GEYJ390V	RESISTOR 1/10W 39	1	
R60	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R61	ERJ3GEYJ682V	RESISTOR 1/10W 6.8K	1	
R62	ERJ3GEYJ123V	RESISTOR 1/10W 12K	1	
R63	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R66	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R68	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R69	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R70	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R71	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R73	ERJ3GEYJ271V	RESISTOR 1/10W 270	1	
R74	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R76	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R77	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R78	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R81	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R82	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R83	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R84	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R85	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R86	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R87	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R88	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R89	ERJ3GEYJ221V	RESISTOR 1/10W 220	1	
R90	ERJ3GEYJ221V	RESISTOR 1/10W 220	1	
R92	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R93	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R94	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R95	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R96	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R97	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R98	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R99	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R100	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R101	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R102	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R103	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R104	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R105	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R106	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R107	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R108	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R109	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R110	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R111	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R112	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R113	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R114	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R115	ERJ3GEYJ390V	RESISTOR 1/10W 39	1	
R116	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R117	ERJ3GEYJ682V	RESISTOR 1/10W 6.8K	1	
R118	ERJ3GEYJ123V	RESISTOR 1/10W 12K	1	
R119	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R122	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R124	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R125	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R126	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R127	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R129	ERJ3GEYJ271V	RESISTOR 1/10W 270	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R130	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R132	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R133	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R134	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R137	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R138	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R139	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R140	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R141	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R142	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R143	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R144	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R145	ERJ3GEYJ221V	RESISTOR 1/10W 220	1	
R146	ERJ3GEYJ221V	RESISTOR 1/10W 220	1	
R148	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R149	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R150	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R151	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R152	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R153	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R154	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R155	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R156	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R157	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R158	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R159	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R160	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R161	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R162	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R163	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R164	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R165	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R166	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R167	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R168	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R169	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R170	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R171	ERJ3GEYJ390V	RESISTOR 1/10W 39	1	
R172	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R173	ERJ3GEYJ682V	RESISTOR 1/10W 6.8K	1	
R174	ERJ3GEYJ123V	RESISTOR 1/10W 12K	1	
R175	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R178	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R180	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R181	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R182	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R183	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R185	ERJ3GEYJ271V	RESISTOR 1/10W 270	1	
R186	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R188	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R189	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R190	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R193	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R194	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R195	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R196	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R197	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R198	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R199	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R200	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R201	ERJ3GEYJ221V	RESISTOR 1/10W 220	1	
R202	ERJ3GEYJ221V	RESISTOR 1/10W 220	1	
R204	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R205	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R206	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R207	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R208	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R209	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R210	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R211	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R212	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R213	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R214	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R215	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R216	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R217	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R218	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R219	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R220	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R221	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R222	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R223	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R224	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R225	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R226	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R227	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R228	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R229	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R230	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R231	ERJ3GEYJ751V	RESISTOR 1/10W 750	1	
R232	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R234	ERJ3GEYJ271V	RESISTOR 1/10W 270	1	
R235	ERJ3GEYJ393V	RESISTOR 1/10W 39K	1	
R237	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R238	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R239	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R240	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R241	ERJ3GEYJ120V	RESISTOR 1/10W 12	1	
R242	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R243	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R244	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R245	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R246	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R247	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R250	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R251	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R252	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R253	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R254	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R255	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R256	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R257	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R258	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R259	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R260	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R261	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R262	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R263	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R264	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R265	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R266	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R267	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R268	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R269	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R270	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R271	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R272	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R273	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R274	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R275	ERJ3GEYJ221V	RESISTOR 1/10W 220	1	
R276	ERJ3GEYJ221V	RESISTOR 1/10W 220	1	
R277	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R278	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R279	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R280	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R281	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R282	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R283	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R284	ERJ3GEYJ751V	RESISTOR 1/10W 750	1	
R285	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R287	ERJ3GEYJ271V	RESISTOR 1/10W 270	1	
R288	ERJ3GEYJ393V	RESISTOR 1/10W 39K	1	
R290	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R291	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R292	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R293	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R294	ERJ3GEYJ120V	RESISTOR 1/10W 12	1	
R295	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R296	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R297	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R298	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R299	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R300	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R303	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R304	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R305	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R306	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R307	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R308	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R309	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R310	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R311	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R312	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R313	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R314	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R315	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R316	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R317	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R318	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R319	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R320	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R321	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R322	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R323	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R324	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R325	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R326	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R327	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R329	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R330	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R331	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R332	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R333	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R334	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R335	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R336	ERJ3GEYJ751V	RESISTOR 1/10W 750	1	
R337	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R339	ERJ3GEYJ271V	RESISTOR 1/10W 270	1	
R340	ERJ3GEYJ393V	RESISTOR 1/10W 39K	1	
R342	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R343	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R344	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R345	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R346	ERJ3GEYJ120V	RESISTOR 1/10W 12	1	
R347	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R348	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R349	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R350	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R351	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R352	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R355	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R356	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R357	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R358	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R359	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R360	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R361	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R362	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R363	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R364	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R365	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R366	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R367	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R368	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R369	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R370	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R371	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R372	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R373	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R374	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R375	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R376	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R377	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R378	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R379	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R380	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R381	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R382	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R383	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R384	ERJ3GEYJ331V	RESISTOR 1/10W 330	1	
R385	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R386	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R387	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R388	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R389	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R390	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R391	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R392	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R393	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R394	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R395	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R397	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R398	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R399	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R402	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R403	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R404	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R405	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R406	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R407	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R408	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R409	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R410	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R411	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R412	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R413	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R414	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R415	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R416	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R417	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R418	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R419	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R420	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R421	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R422	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R427	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R428	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R431	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R432	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R433	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R434	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R435	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R436	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R437	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R438	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R439	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R440	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R441	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R442	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R443	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R444	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R445	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R446	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R447	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R448	EXB28V220JX	BLOCK RESISTOR 22	1	
R449	EXB28V220JX	BLOCK RESISTOR 22	1	
R450	EXB28V220JX	BLOCK RESISTOR 22	1	
R451	EXB28V220JX	BLOCK RESISTOR 22	1	
R452	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R453	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R454	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R455	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R456	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R457	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R458	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R459	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R460	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R461	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R462	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R463	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R464	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R465	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R466	EXB28V220JX	BLOCK RESISTOR 22	1	
R467	EXB28V220JX	BLOCK RESISTOR 22	1	
R468	EXB28V220JX	BLOCK RESISTOR 22	1	
R469	EXB28V220JX	BLOCK RESISTOR 22	1	
R470	EXB28V220JX	BLOCK RESISTOR 22	1	
R471	EXB28V220JX	BLOCK RESISTOR 22	1	
R472	EXB28V220JX	BLOCK RESISTOR 22	1	
R473	EXB28V220JX	BLOCK RESISTOR 22	1	
R474	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R475	ERJ2GEJ220X	RESISTOR 1/16W 22	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R476	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R477	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R478	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R479	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R480	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R481	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R482	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R483	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R484	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R485	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R486	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R487	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R488	EXB28V220JX	BLOCK RESISTOR 22	1	
R489	EXB28V220JX	BLOCK RESISTOR 22	1	
R490	EXB28V220JX	BLOCK RESISTOR 22	1	
R491	EXB28V220JX	BLOCK RESISTOR 22	1	
R492	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R493	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R496	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R497	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R498	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R499	ERJ3GEYJ331V	RESISTOR 1/10W 330	1	
R500	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R501	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R502	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R503	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R504	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R505	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R506	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R507	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R508	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R509	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R510	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R511	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R512	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R513	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R514	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R516	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R517	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R518	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R519	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R520	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R521	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R522	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R525	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R526	ERJ3GEYJ331V	RESISTOR 1/10W 330	1	
R527	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R528	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R529	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R530	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R531	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R532	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R533	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R540	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R541	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R542	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R543	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R544	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R545	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R546	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R547	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R548	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R549	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R550	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R551	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R552	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R553	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R554	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R555	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R556	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R557	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R558	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R559	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R560	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R561	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R562	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R563	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R564	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R565	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R566	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R567	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R568	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R569	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R570	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R571	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R572	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R573	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R574	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R575	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R576	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R577	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R578	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R579	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R580	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R581	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R582	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R583	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R584	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R585	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R586	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R587	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R588	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R589	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R590	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R591	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R592	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R593	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R594	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R595	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R596	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R597	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R598	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R599	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R600	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R601	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R602	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R603	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R604	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R605	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R606	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R607	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R608	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R609	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R610	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R611	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R612	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R613	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R614	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R615	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R616	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R617	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R618	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R619	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R620	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R621	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R622	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R623	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R624	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R625	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R626	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R627	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R632	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R633	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R634	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R635	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R636	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R637	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R638	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R639	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R640	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R641	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R642	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R643	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R644	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R645	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R646	ERJ2GEJ220X	RESISTOR 1/16W 22	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R647	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R648	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R649	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R650	ERJ3GEYJ510V	RESISTOR 1/10W 51	1	
R651	ERJ3GEYJ510V	RESISTOR 1/10W 51	1	
R652	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R653	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R654	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R655	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R656	ERJ3GEYJ510V	RESISTOR 1/10W 51	1	
R657	ERJ3GEYJ510V	RESISTOR 1/10W 51	1	
R658	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R659	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R660	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R661	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R662	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R663	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R664	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R665	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R666	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R667	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R668	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R669	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R670	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R671	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R672	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R673	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R674	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R675	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R676	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R677	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R678	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R679	ERJ3GEYJ510V	RESISTOR 1/10W 51	1	
R680	ERJ3GEYJ510V	RESISTOR 1/10W 51	1	
R681	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R682	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R683	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R684	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R685	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R686	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R687	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R688	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R689	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R690	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R691	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R692	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R693	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R694	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R695	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R696	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R697	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R698	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R699	ERJ3GEYJ510V	RESISTOR 1/10W 51	1	
R700	ERJ3GEYJ510V	RESISTOR 1/10W 51	1	
R701	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R702	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R703	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R704	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R705	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R706	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R707	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R708	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R709	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R710	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R711	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R712	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R713	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R714	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R715	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R716	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R717	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R718	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R719	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R720	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R721	ERJ3GEYJ331V	RESISTOR 1/10W 330	1	
R722	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R723	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R724	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R725	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R726	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R727	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R728	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R729	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R730	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R731	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R732	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R733	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R735	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R736	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R737	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R744	EXB28V220JX	BLOCK RESISTOR 22	1	
R745	EXB28V220JX	BLOCK RESISTOR 22	1	
R746	EXB28V220JX	BLOCK RESISTOR 22	1	
R747	EXB28V220JX	BLOCK RESISTOR 22	1	
R748	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R749	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R750	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R751	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R752	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R753	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R754	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R755	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R756	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R757	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R758	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R759	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R760	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R761	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R762	EXB28V220JX	BLOCK RESISTOR 22	1	
R763	EXB28V220JX	BLOCK RESISTOR 22	1	
R764	EXB28V220JX	BLOCK RESISTOR 22	1	
R765	EXB28V220JX	BLOCK RESISTOR 22	1	
R766	EXB28V220JX	BLOCK RESISTOR 22	1	
R767	EXB28V220JX	BLOCK RESISTOR 22	1	
R768	EXB28V220JX	BLOCK RESISTOR 22	1	
R769	EXB28V220JX	BLOCK RESISTOR 22	1	
R770	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R771	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R772	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R773	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R774	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R775	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R776	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R777	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R778	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R779	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R780	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R781	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R782	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R783	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R784	EXB28V220JX	BLOCK RESISTOR 22	1	
R785	EXB28V220JX	BLOCK RESISTOR 22	1	
R786	EXB28V220JX	BLOCK RESISTOR 22	1	
R787	EXB28V220JX	BLOCK RESISTOR 22	1	
R788	EXB28V220JX	BLOCK RESISTOR 22	1	
R789	EXB28V220JX	BLOCK RESISTOR 22	1	
R790	EXB28V220JX	BLOCK RESISTOR 22	1	
R791	EXB28V220JX	BLOCK RESISTOR 22	1	
R792	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R793	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R794	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R795	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R796	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R797	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R798	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R799	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R800	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R801	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R802	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R803	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R804	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R805	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R806	EXB28V220JX	BLOCK RESISTOR 22	1	
R807	EXB28V220JX	BLOCK RESISTOR 22	1	
R808	EXB28V220JX	BLOCK RESISTOR 22	1	
R809	EXB28V220JX	BLOCK RESISTOR 22	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R810	EXB28V220JX	BLOCK RESISTOR 22	1	
R811	EXB28V220JX	BLOCK RESISTOR 22	1	
R812	EXB28V220JX	BLOCK RESISTOR 22	1	
R813	EXB28V220JX	BLOCK RESISTOR 22	1	
R814	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R815	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R816	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R817	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R818	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R819	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R820	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R821	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R822	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R823	ERJ3RBD221V	RESISTOR 1/16W 220	1	
R824	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R825	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R826	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R827	ERJ2GEJ220X	RESISTOR 1/16W 22	1	
R828	EXB28V220JX	BLOCK RESISTOR 22	1	
R829	EXB28V220JX	BLOCK RESISTOR 22	1	
R830	EXB28V220JX	BLOCK RESISTOR 22	1	
R831	EXB28V220JX	BLOCK RESISTOR 22	1	
R832	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R833	ERJ3GEYJ105V	RESISTOR 1/10W 1M	1	
R835	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R836	ERJ3GEYJ681V	RESISTOR 1/10W 680	1	
R837	ERJ3GEYJ681V	RESISTOR 1/10W 680	1	
R838	ERJ3GEYJ105V	RESISTOR 1/10W 1M	1	
R839	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R840	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R842	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R843	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R844	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R845	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R846	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R847	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R848	ERJ3GEYJ224V	RESISTOR 1/10W 220K	1	
R849	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R850	ERJ3GEYJ202V	RESISTOR 1/10W 2K	1	
R851	ERJ3GEYJ202V	RESISTOR 1/10W 2K	1	
R852	ERJ3GEYJ331V	RESISTOR 1/10W 330	1	
R853	ERJ3GEYJ331V	RESISTOR 1/10W 330	1	
R854	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R855	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R856	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R857	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R858	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R859	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R860	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R861	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R862	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R863	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R864	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R865	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R867	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R868	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R869	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R870	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R871	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R872	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R873	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R874	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R875	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R876	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R877	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R878	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R879	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R880	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R881	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R882	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R883	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R884	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R885	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R886	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R887	ERJ3GEYJ151V	RESISTOR 1/10W 150	1	
R888	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R890	ERJ3GEYJ151V	RESISTOR 1/10W 150	1	
R891	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R892	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R893	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R894	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R895	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R896	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R897	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R898	ERJ3GEYJ390V	RESISTOR 1/10W 39	1	
R899	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R900	ERJ3GEYJ750V	RESISTOR 1/10W 75	1	
R901	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R902	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R903	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R904	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R905	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R906	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R907	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R908	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R909	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R910	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R911	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R912	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R913	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R914	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R915	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R916	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R917	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R918	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R919	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R920	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R921	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R922	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R923	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R924	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R925	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R926	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R927	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R928	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R929	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R930	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R931	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R932	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R933	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R934	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R935	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R936	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R937	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R938	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R939	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R940	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R941	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R942	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R943	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R944	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R945	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R946	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R947	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R948	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R949	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R950	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R951	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R952	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R953	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R954	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R955	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R956	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R957	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R958	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R959	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R960	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R961	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R962	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R963	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R964	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R965	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R966	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R967	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R968	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R969	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R970	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R971	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R972	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R973	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R974	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R975	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R976	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R977	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R978	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R979	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R980	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R981	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R982	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R983	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R984	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R985	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R986	ERJ3GEYJ683V	RESISTOR 1/10W 68K	1	
R987	ERJ3GEYJ222V	RESISTOR 1/10W 2.2K	1	
R988	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R989	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R990	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R991	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R992	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R993	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R994	ERJ3GEYJ123V	RESISTOR 1/10W 12K	1	
R995	ERJ3GEYJ391V	RESISTOR 1/10W 390	1	
R996	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R997	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R998	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R999	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R1000	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R1001	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R1002	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R1003	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R1004	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R1005	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R1006	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R1007	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R1008	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R1009	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R1010	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R1011	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R1012	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R1013	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R1014	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R1015	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R1016	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R1017	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R1018	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R1019	ERJ3GEYJ221V	RESISTOR 1/10W 220	1	
R1020	ERJ3GEYJ221V	RESISTOR 1/10W 220	1	
R1021	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R1022	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R1023	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R1024	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R1025	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R1026	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R1027	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R1028	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R1029	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R1030	ERJ3EKF49R9V	RESISTOR 1/10W 49.9	1	
R1031	ERJ3EKF49R9V	RESISTOR 1/10W 49.9	1	
R1032	ERJ3EKF49R9V	RESISTOR 1/10W 49.9	1	
R1033	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R1034	ERJ3EKF49R9V	RESISTOR 1/10W 49.9	1	
R1035	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R1036	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R1037	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R1038	ERJ3GEYJ561V	RESISTOR 1/10W 560	1	
R1039	ERJ3EKF49R9V	RESISTOR 1/10W 49.9	1	
R1040	ERJ3EKF49R9V	RESISTOR 1/10W 49.9	1	
R1041	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R1042	ERJ3GEYJ220V	RESISTOR 1/10W 22	1	
R1043	ERJ3GEYJ220V	RESISTOR 1/10W 22	1	
R1044	ERJ3EKF49R9V	RESISTOR 1/10W 49.9	1	
R1045	ERJ3EKF49R9V	RESISTOR 1/10W 49.9	1	
R1046	ERJ3EKF49R9V	RESISTOR 1/10W 49.9	1	
R1047	ERJ3EKF49R9V	RESISTOR 1/10W 49.9	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1048	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R1049	ERJ3GEYJ221V	RESISTOR 1/10W 220	1	
R1050	ERJ3GEYJ221V	RESISTOR 1/10W 220	1	
R1051	ERJ3GEYJ221V	RESISTOR 1/10W 220	1	
R1052	ERJ3GEYJ221V	RESISTOR 1/10W 220	1	
R1053	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R1054	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R1055	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R1070	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1071	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1072	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1073	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1074	ERJ3GEYJ331V	RESISTOR 1/10W 330	1	
R1075	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R1076	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R1077	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1078	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1079	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1080	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1081	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1082	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1083	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1084	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1085	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1086	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R1087	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R1088	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R1089	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R1090	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R1091	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R1092	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1093	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1094	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1095	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1096	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1097	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1099	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1101	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1104	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R1107	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R1109	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R1111	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1112	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1113	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1114	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1115	ERJ3GEYJ331V	RESISTOR 1/10W 330	1	
R1116	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R1117	ERJ3GEYJ331V	RESISTOR 1/10W 330	1	
R1118	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R1119	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1120	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1121	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1122	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1123	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1124	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1125	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1126	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1127	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1128	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1129	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1130	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1131	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1132	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1133	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1134	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1135	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1136	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1137	ERJ3GEYJ331V	RESISTOR 1/10W 330	1	
R1138	ERJ3GEYJ220V	RESISTOR 1/10W 22	1	
R1139	ERJ3GEYJ220V	RESISTOR 1/10W 22	1	
R1140	ERJ3GEYJ220V	RESISTOR 1/10W 22	1	
R1141	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R1143	ERJ3GEYJ331V	RESISTOR 1/10W 330	1	
R1145	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R1146	ERJ3GEYJ473V	RESISTOR 1/10W 47K	1	
R1157	ERJ3GEYJ223V	RESISTOR 1/10W 22K	1	
R1158	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R1159	ERJ3GEYJ473V	RESISTOR 1/10W 47K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1160	ERJ3GEYJ272V	RESISTOR 1/10W 2.7K	1	
R1162	ERJ3GEYJ332V	RESISTOR 1/10W 3.3K	1	
R1164	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R1165	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R1169	ERJ3GEYJ332V	RESISTOR 1/10W 3.3K	1	
R1170	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R1172	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R1173	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R1174	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R1175	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R1176	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R1177	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R1178	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R1179	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R1180	ERJ3GEYJ100V	RESISTOR 1/10W 10	1	
R1181	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R1182	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R1183	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R1186	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R1187	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R1188	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R1189	ERJ3GEYJ273V	RESISTOR 1/10W 27K	1	
R1190	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R1191	ERJ3GEYJ104V	RESISTOR 1/10W 100K	1	
R1192	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R1193	ERJ3GEYJ223V	RESISTOR 1/10W 22K	1	
R1194	ERJ3GEYJ183V	RESISTOR 1/10W 18K	1	
R1195	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R1196	ERJ3GEYJ473V	RESISTOR 1/10W 47K	1	
R1197	ERJ3GEYJ332V	RESISTOR 1/10W 3.3K	1	
R1198	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R1199	ERJ3GEYJ473V	RESISTOR 1/10W 47K	1	
R1200	ERJ3GEYJ332V	RESISTOR 1/10W 3.3K	1	
R1201	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R1202	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R1203	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R1204	ERJ3GEYJ272V	RESISTOR 1/10W 2.7K	1	
R1205	ERJ3GEYJ272V	RESISTOR 1/10W 2.7K	1	
R1206	ERJ3GEYJ272V	RESISTOR 1/10W 2.7K	1	
R1207	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R1208	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R1209	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R1210	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R2005	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R2009	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R2070	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2071	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2072	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2073	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2074	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2075	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2076	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2077	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2078	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2079	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2080	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2081	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2162	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2163	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2164	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2165	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2166	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2167	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2168	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2169	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2170	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2176	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2177	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R2178	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R2179	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R2180	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R2184	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R2185	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R2192	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R2193	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R2194	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R2198	ERJ3GEYJ154V	RESISTOR 1/10W 150K	1	
R2199	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2201	ERJ3GEYJ154V	RESISTOR 1/10W 150K	1	
R2202	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R2204	ERJ3GEYJ154V	RESISTOR 1/10W 150K	1	
R2205	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R2207	ERJ3GEYJ154V	RESISTOR 1/10W 150K	1	
R2208	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R2287	ERJ3GEYJ121V	RESISTOR 1/10W 120	1	
R2288	ERJ3GEYJ820V	RESISTOR 1/10W 82	1	
R2289	ERJ3GEYJ121V	RESISTOR 1/10W 120	1	
R2290	ERJ3GEYJ820V	RESISTOR 1/10W 82	1	
R2291	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R2292	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R2293	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R2294	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R2295	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R2296	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R2297	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R2298	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R2299	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R2300	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R2301	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R2302	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R3021	ERJ8GEYJ102V	RESISTOR 1/4W 1K	1	
R3022	ERJ8GEYJ203V	RESISTOR 1/4W 20K	1	
R3023	ERJ8GEYJ683V	RESISTOR 1/4W 68K	1	
R3025	ERJ8GEYJ242V	RESISTOR 1/4W 2.4K	1	
R3030	ERJ8GEYJ103V	RESISTOR 1/4W 10K	1	
⚠ RY1	K6B2CCA00012	RELAY	1	
SW1	K0D141A00002	SLIDE SWITCH	1	
SW2	K0H1BA000563	PUSH SWITCH	1	
SW3	K0D181A00002	SLIDE SWITCH	1	
TP7	D0YDR0000029	TEST POINT	1	
TP16	D0YDR0000029	TEST POINT	1	
TP25	D0YDR0000029	TEST POINT	1	
TP34	D0YDR0000029	TEST POINT	1	
TP37	D0YDR0000029	TEST POINT	1	
TP40	D0YDR0000029	TEST POINT	1	
TP43	D0YDR0000029	TEST POINT	1	
TP104	D0YDR0000029	TEST POINT	1	
TP105	D0YDR0000029	TEST POINT	1	
TP106	D0YDR0000029	TEST POINT	1	
TP108	D0YDR0000029	TEST POINT	1	
TP120	D0YDR0000029	TEST POINT	1	
TP121	D0YDR0000029	TEST POINT	1	
TP122	D0YDR0000029	TEST POINT	1	
TP123	D0YDR0000029	TEST POINT	1	
TP127	D0YDR0000029	TEST POINT	1	
TP138	D0YDR0000029	TEST POINT	1	
TP139	D0YDR0000029	TEST POINT	1	
TP140	D0YDR0000029	TEST POINT	1	
TP141	D0YDR0000029	TEST POINT	1	
TP142	D0YDR0000029	TEST POINT	1	
TP143	D0YDR0000029	TEST POINT	1	
TP144	D0YDR0000029	TEST POINT	1	
TP145	D0YDR0000029	TEST POINT	1	
TP146	D0YDR0000029	TEST POINT	1	
TP147	D0YDR0000029	TEST POINT	1	
TP148	D0YDR0000029	TEST POINT	1	
TP149	D0YDR0000029	TEST POINT	1	
TP150	D0YDR0000029	TEST POINT	1	
TP151	D0YDR0000029	TEST POINT	1	
VR1	EVM3YSX50B14	SEMI FIXED RESISTOR 1/16W 10K	1	
VR2	EVM3YSX50B14	SEMI FIXED RESISTOR 1/16W 10K	1	
VR3	EVM3YSX50B14	SEMI FIXED RESISTOR 1/16W 10K	1	
VR4	EVM3YSX50B14	SEMI FIXED RESISTOR 1/16W 10K	1	
VR5	EVM3YSX50B52	SEMI FIXED RESISTOR 1/16W 500	1	
VR6	EVM3YSX50B13	SEMI FIXED RESISTOR 1/16W 1K	1	
X1	H4G1487B0005	OSCILLATOR 1.48GHz	1	
X2	H4G1487B0005	OSCILLATOR 1.48GHz	1	
X3	H4G1487B0005	OSCILLATOR 1.48GHz	1	
X4	H4G1487B0005	OSCILLATOR 1.48GHz	1	
X5	H4G1487B0005	OSCILLATOR 1.48GHz	1	
X6	H4G1487B0005	OSCILLATOR 1.48GHz	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
X7	H4G1487B0005	OSCILLATOR 1.48GHz	1	
X8	H1A2006B0002	CRYSTAL OSCILLATOR 200MHz	1	
X9	H1C2705B0024	CRYSTAL OSCILLATOR 27MHz	1	
X10	H1A2505B0018	CRYSTAL OSCILLATOR 25MHz	1	
		MISCELLANEOUS		
⚠	N4BCT50A0001	LITIUM BATTERY	1	
■ PCB2	SVEPB0589A	PANEL P.C.BOARD	1	(RTL)
C101	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C102	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C103	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C104	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C105	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C106	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C107	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C108	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C109	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C110	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C111	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C112	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C115	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C116	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C117	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C118	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C119	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C120	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C121	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C122	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C123	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C124	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C125	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C126	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C127	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C128	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C129	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C130	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C301	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C302	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C303	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C601	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C602	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C603	F2H1D1010001	E.CAPACITOR 20V 100U	1	
C604	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C605	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C606	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C607	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C608	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C609	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C610	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C611	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C612	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C613	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C614	F2H1D1010001	E.CAPACITOR 20V 100U	1	
C615	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C616	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C617	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C618	F1H1A105A004	C.CAPACITOR 10V 1U	1	
C619	F1H1A105A004	C.CAPACITOR 10V 1U	1	
C620	F1H1A105A004	C.CAPACITOR 10V 1U	1	
C621	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C622	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C623	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C624	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C625	F2H1D1010001	E.CAPACITOR 20V 100U	1	
C626	EEEFK1C470UR	E.CAPACITOR 16V 47U	1	
C627	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C628	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C629	F2H1D1010001	E.CAPACITOR 20V 100U	1	
C630	F2H1D1010001	E.CAPACITOR 20V 100U	1	
C631	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C632	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C633	F2H1D1010001	E.CAPACITOR 20V 100U	1	
C634	F2H1D1010001	E.CAPACITOR 20V 100U	1	
C635	EEEFK1C470UR	E.CAPACITOR 16V 47U	1	
C636	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C637	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C638	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C639	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C640	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C641	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C642	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C643	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C703	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C704	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C705	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C706	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C2047	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C2048	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C2049	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C2050	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C2052	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C2053	F2H1D1010001	E.CAPACITOR 20V 100U	1	
D201	LN28RPX	LED	1	
D202	B3ABA0000025	LED	1	
D203	B3ABA0000025	LED	1	
D204	B3ABA0000025	LED	1	
D205	B3ABA0000025	LED	1	
D206	B3ABA0000025	LED	1	
D207	B3ABA0000025	LED	1	
D208	LN38GPX	LED	1	
D209	B3AAA0000253	LED	1	
D210	B3AAA0000253	LED	1	
D212	B3ABA0000025	LED	1	
D213	B3ABA0000025	LED	1	
D214	B3ABA0000025	LED	1	
D215	B3ABA0000025	LED	1	
D401	B0JCCE000014	DIODE	1	
D402	B0JCCE000014	DIODE	1	
D403	B0JCCE000014	DIODE	1	
D404	B0JCCE000014	DIODE	1	
D405	B0JCCE000014	DIODE	1	
D406	B0JCCE000014	DIODE	1	
D407	B0JCCE000014	DIODE	1	
D408	B0JCCE000014	DIODE	1	
D409	B0JCCE000014	DIODE	1	
D410	B0JCCE000014	DIODE	1	
D411	B0JCCE000014	DIODE	1	
D412	B0JCCE000014	DIODE	1	
D413	B0JCCE000014	DIODE	1	
D414	B0JCCE000014	DIODE	1	
D415	B0JCCE000014	DIODE	1	
D416	B0JCCE000014	DIODE	1	
D417	B0JCCE000014	DIODE	1	
D418	B0JCCE000014	DIODE	1	
D419	B0JCCE000014	DIODE	1	
D420	B0JCCE000014	DIODE	1	
D421	B0JCCE000014	DIODE	1	
D422	B0JCCE000014	DIODE	1	
D423	B0JCCE000014	DIODE	1	
D424	B0JCCE000014	DIODE	1	
D425	B0JCCE000014	DIODE	1	
D426	B0JCCE000014	DIODE	1	
D427	B0JCCE000014	DIODE	1	
D428	B0JCCE000014	DIODE	1	
D429	B0JCCE000014	DIODE	1	
D430	B0JCCE000014	DIODE	1	
D431	B0JCCE000014	DIODE	1	
D432	B0JCCE000014	DIODE	1	
D434	B0JCCE000014	DIODE	1	
D435	B0JCCE000014	DIODE	1	
D436	B0JCCE000014	DIODE	1	
D501	B0JCCE000014	DIODE	1	
D502	B0JCCE000014	DIODE	1	
D503	B0JCCE000014	DIODE	1	
D504	B0JCCE000014	DIODE	1	
D505	B0JCCE000014	DIODE	1	
D506	B0JCCE000014	DIODE	1	
D507	B0JCCE000014	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D508	B0JCCE000014	DIODE	1	
D509	B0JCCE000014	DIODE	1	
D510	B0JCCE000014	DIODE	1	
D511	B0JCCE000014	DIODE	1	
D512	B0JCCE000014	DIODE	1	
D513	B0JCCE000014	DIODE	1	
D514	B0JCCE000014	DIODE	1	
D515	B0JCCE000014	DIODE	1	
D516	B0JCCE000014	DIODE	1	
D517	B0JCCE000014	DIODE	1	
D518	B0JCCE000014	DIODE	1	
D519	B0JCCE000014	DIODE	1	
D520	B0JCCE000014	DIODE	1	
D521	B0JCCE000014	DIODE	1	
D522	B0JCCE000014	DIODE	1	
D523	B0JCCE000014	DIODE	1	
D524	B0JCCE000014	DIODE	1	
D525	B0JCCE000014	DIODE	1	
D526	B0JCCE000014	DIODE	1	
D527	B0JCCE000014	DIODE	1	
D528	B0JCCE000014	DIODE	1	
D529	B0JCCE000014	DIODE	1	
D530	B0JCCE000014	DIODE	1	
D531	B0JCCE000014	DIODE	1	
D532	B0JCCE000014	DIODE	1	
D533	B0JCCE000014	DIODE	1	
D534	B0JCCE000014	DIODE	1	
D535	B0JCCE000014	DIODE	1	
D536	B0JCCE000014	DIODE	1	
⚠ F16	K5H102B00004	CURRENT FUSE 1A	1	
IC101	C1ZBZ0003732	LINEAR INTEGRATED IC	1	
IC301	C0JBAZ001632	LOGIC IC	1	
IC302	C0JBAZ001632	LOGIC IC	1	
IC303	C0JBAZ001632	LOGIC IC	1	
IC601	C0FBAY000039	LINEAR INTEGRATED IC	1	
IC602	C0FBAY000039	LINEAR INTEGRATED IC	1	
IC603	C0FBAY000039	LINEAR INTEGRATED IC	1	
IC604	C0CBAYG00023	REGULATOR IC	1	
IC605	C0DBGYY00454	REGULATOR IC	1	
IC606	C0DBGYY00454	REGULATOR IC	1	
IC607	C0JBAZ002129	LOGIC IC	1	
IC608	C0JBAZ002129	LOGIC IC	1	
IC609	C0JBAZ001632	LOGIC IC	1	
IC701	C0JBZZ000070	LOGIC IC	1	
IC702	C0JBZZ000070	LOGIC IC	1	
IC703	C0JBAZ001632	LOGIC IC	1	
IC704	C0JBAZ001632	LOGIC IC	1	
IC2011	C0JBZZ000070	LOGIC IC	1	
IC2012	C0JBZZ000070	LOGIC IC	1	
IC2013	C0JBAZ001632	LOGIC IC	1	
IC2014	C0JBAZ001632	LOGIC IC	1	
IC2015	C0JBAZ002067	LOGIC IC	1	
L101	J0JHC0000006	LC FILTER	1	
L102	J0JHC0000006	LC FILTER	1	
P24	K1KA40BA0280	CONNECTOR	1	
P601	K1KA04B00018	CONNECTOR	1	
P602	K1KA03B00012	CONNECTOR	1	
P603	K1KA16BA0161	CONNECTOR	1	
P702	K1KY50BA0100	CONNECTOR	1	
Q203	B1HBGFG00018	TRANSISTOR ARRAY	1	
Q204	B1HBGFG00018	TRANSISTOR ARRAY	1	
Q205	B1HBGFG00018	TRANSISTOR ARRAY	1	
Q206	B1HBGFG00018	TRANSISTOR ARRAY	1	
Q207	B1HBGFG00018	TRANSISTOR ARRAY	1	
Q601	2SD11190LL	TRANSISTOR	1	
Q602	B1CHNC000010	FET	1	
Q603	B1CHNC000010	FET	1	
Q604	B1CHNC000010	FET	1	
Q605	B1CHNC000010	FET	1	
Q606	B1CHNC000010	FET	1	
R103	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R104	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R105	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R106	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R107	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R114	ERJ3GEYJ331V	RESISTOR 1/10W 330	1	
R115	ERJ3GEYJ331V	RESISTOR 1/10W 330	1	
R118	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R120	ERJ3GEYJ331V	RESISTOR 1/10W 330	1	
R124	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R125	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R126	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R127	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R128	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R129	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R130	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R131	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R132	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R133	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R201	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R203	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R205	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R207	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R209	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R211	ERJ6GEYJ102V	RESISTOR 1/8W 1K	1	
R212	ERJ14YJ101U	RESISTOR 1/2W 100	1	
R213	ERJ14YJ101U	RESISTOR 1/2W 100	1	
R214	ERJ14YJ101U	RESISTOR 1/2W 100	1	
R215	ERJ14YJ101U	RESISTOR 1/2W 100	1	
R216	ERJ14YJ101U	RESISTOR 1/2W 100	1	
R217	ERJ14YJ101U	RESISTOR 1/2W 100	1	
R218	ERJ6GEYJ102V	RESISTOR 1/8W 1K	1	
R219	ERJ6GEYJ102V	RESISTOR 1/8W 1K	1	
R220	ERJ6GEYJ102V	RESISTOR 1/8W 1K	1	
R222	ERJ14YJ101U	RESISTOR 1/2W 100	1	
R223	ERJ14YJ101U	RESISTOR 1/2W 100	1	
R224	ERJ14YJ101U	RESISTOR 1/2W 100	1	
R225	ERJ14YJ101U	RESISTOR 1/2W 100	1	
R301	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R302	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R303	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R304	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R305	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R306	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R307	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R308	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R309	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R310	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R311	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R312	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R313	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R314	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R315	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R316	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R317	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R318	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R319	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R320	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R321	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R322	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R323	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R324	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R325	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R326	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R401	ERJ6GEYJ101V	RESISTOR 1/8W 100	1	
R402	ERJ6GEYJ181V	RESISTOR 1/8W 180	1	
R403	ERJ6GEYJ101V	RESISTOR 1/8W 100	1	
R404	ERJ6GEYJ181V	RESISTOR 1/8W 180	1	
R405	ERJ6GEYJ101V	RESISTOR 1/8W 100	1	
R406	ERJ6GEYJ181V	RESISTOR 1/8W 180	1	
R407	ERJ6GEYJ101V	RESISTOR 1/8W 100	1	
R408	ERJ6GEYJ181V	RESISTOR 1/8W 180	1	
R409	ERJ6GEYJ101V	RESISTOR 1/8W 100	1	
R410	ERJ6GEYJ181V	RESISTOR 1/8W 180	1	
R411	ERJ6GEYJ101V	RESISTOR 1/8W 100	1	
R412	ERJ6GEYJ181V	RESISTOR 1/8W 180	1	
R413	ERJ6GEYJ101V	RESISTOR 1/8W 100	1	
R414	ERJ6GEYJ181V	RESISTOR 1/8W 180	1	
R415	ERJ6GEYJ101V	RESISTOR 1/8W 100	1	
R416	ERJ6GEYJ181V	RESISTOR 1/8W 180	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R501	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R502	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R503	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R504	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R505	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R506	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R507	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R508	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R509	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R510	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R511	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R512	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R513	ERJ6GEYJ101V	RESISTOR 1/8W 100	1	
R514	ERJ6GEYJ101V	RESISTOR 1/8W 100	1	
R515	ERJ6GEYJ101V	RESISTOR 1/8W 100	1	
R516	ERJ6GEYJ101V	RESISTOR 1/8W 100	1	
R517	ERJ6GEYJ101V	RESISTOR 1/8W 100	1	
R518	ERJ6GEYJ101V	RESISTOR 1/8W 100	1	
R519	ERJ6GEYJ101V	RESISTOR 1/8W 100	1	
R601	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R602	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R603	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R604	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R605	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R606	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R607	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R608	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R609	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R610	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R611	ERJ3GEYJ104V	RESISTOR 1/10W 100K	1	
R612	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R613	ERJ3GEYJ223V	RESISTOR 1/10W 22K	1	
R614	ERJ3GEYJ224V	RESISTOR 1/10W 220K	1	
R615	ERJ3GEYJ333V	RESISTOR 1/10W 33K	1	
R616	ERJ3GEYJ223V	RESISTOR 1/10W 22K	1	
R617	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R619	ERJ12YJ4R7U	RESISTOR 1/2W 4.7	1	
R620	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R621	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R702	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R703	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R705	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R725	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R727	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R729	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R731	ERJ3GEYJ472V	RESISTOR 1/10W 4.7K	1	
R2290	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R2291	ERJ3GEYJ101V	RESISTOR 1/10W 100	1	
R2292	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2293	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2294	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2295	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2296	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2297	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2298	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2299	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2300	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2301	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2302	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2303	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2304	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2305	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2306	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2307	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2308	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2309	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2310	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2311	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2312	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2313	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2314	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2315	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2316	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2317	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2318	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R2319	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
SW401	K0F111A00575	PUSH SWITCH	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
SW402	K0F111A00575	PUSH SWITCH	1	
SW403	K0F111A00574	PUSH SWITCH	1	
SW404	K0F111A00575	PUSH SWITCH	1	
SW405	K0F111A00575	PUSH SWITCH	1	
SW406	K0F111A00575	PUSH SWITCH	1	
SW407	K0F111A00575	PUSH SWITCH	1	
SW408	K0F111A00574	PUSH SWITCH	1	
SW409	K0F111A00575	PUSH SWITCH	1	
SW410	K0F111A00575	PUSH SWITCH	1	
SW411	K0F111A00575	PUSH SWITCH	1	
SW412	K0F111A00575	PUSH SWITCH	1	
SW413	K0F111A00574	PUSH SWITCH	1	
SW414	K0F111A00575	PUSH SWITCH	1	
SW415	K0F111A00575	PUSH SWITCH	1	
SW416	K0F111A00575	PUSH SWITCH	1	
SW417	K0F111A00575	PUSH SWITCH	1	
SW418	K0F111A00574	PUSH SWITCH	1	
SW419	K0F111A00575	PUSH SWITCH	1	
SW420	K0F111A00575	PUSH SWITCH	1	
SW421	K0F111A00575	PUSH SWITCH	1	
SW422	K0F111A00574	PUSH SWITCH	1	
SW423	K0F111A00574	PUSH SWITCH	1	
SW424	K0F111A00575	PUSH SWITCH	1	
SW425	K0F111A00575	PUSH SWITCH	1	
SW426	K0F111A00574	PUSH SWITCH	1	
SW427	K0F111A00574	PUSH SWITCH	1	
SW428	K0F111A00575	PUSH SWITCH	1	
SW429	K0F111A00575	PUSH SWITCH	1	
SW430	K0F111A00574	PUSH SWITCH	1	
SW431	K0F111A00575	PUSH SWITCH	1	
SW432	K0F111A00575	PUSH SWITCH	1	
SW434	K0F111A00574	PUSH SWITCH	1	
SW435	K0F111A00575	PUSH SWITCH	1	
SW436	K0F111A00575	PUSH SWITCH	1	
SW501	K9AA024Y0003	ROTARY SWITCH	1	
SW502	K0F111A00572	PUSH SWITCH	1	
SW503	K0F111A00572	PUSH SWITCH	1	
SW504	K0F111A00572	PUSH SWITCH	1	
SW505	K0F111A00572	PUSH SWITCH	1	
SW506	K0F111A00574	PUSH SWITCH	1	
SW507	K9AA024Y0003	ROTARY SWITCH	1	
SW508	K0F111A00572	PUSH SWITCH	1	
SW509	K0F111A00572	PUSH SWITCH	1	
SW510	K0F111A00572	PUSH SWITCH	1	
SW511	K0F111A00572	PUSH SWITCH	1	
SW512	K0F111A00574	PUSH SWITCH	1	
SW513	K9AA024Y0003	ROTARY SWITCH	1	
SW514	K0F111A00572	PUSH SWITCH	1	
SW515	K0F111A00572	PUSH SWITCH	1	
SW516	K0F111A00572	PUSH SWITCH	1	
SW517	K0F111A00572	PUSH SWITCH	1	
SW518	K0F111A00572	PUSH SWITCH	1	
SW519	K9AA024Y0003	ROTARY SWITCH	1	
SW520	K0F111A00572	PUSH SWITCH	1	
SW521	K0F111A00572	PUSH SWITCH	1	
SW522	K0F111A00572	PUSH SWITCH	1	
SW523	K0F111A00572	PUSH SWITCH	1	
SW524	K0F111A00572	PUSH SWITCH	1	
SW525	K9AA024Y0003	ROTARY SWITCH	1	
SW526	K0F111A00572	PUSH SWITCH	1	
SW527	K0F111A00572	PUSH SWITCH	1	
SW528	K0F111A00572	PUSH SWITCH	1	
SW529	K0F111A00572	PUSH SWITCH	1	
SW530	K0F111A00572	PUSH SWITCH	1	
SW531	K9AA024Y0003	ROTARY SWITCH	1	
SW532	K0F111A00572	PUSH SWITCH	1	
SW533	K0F111A00572	PUSH SWITCH	1	
SW534	K0F111A00572	PUSH SWITCH	1	
SW535	K0F111A00572	PUSH SWITCH	1	
SW536	K0F111A00572	PUSH SWITCH	1	
TP601	D0YDR0000029	TEST POINT	1	
TP603	D0YDR0000029	TEST POINT	1	
TP605	D0YDR0000029	TEST POINT	1	
TP606	D0YDR0000029	TEST POINT	1	
TP609	D0YDR0000029	TEST POINT	1	
TP611	D0YDR0000029	TEST POINT	1	
TP613	D0YDR0000029	TEST POINT	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
TP615	D0YDR0000029	TEST POINT	1	
VR601	D2FDZ1400005	V.RESISTOR	1	
VR602	D3CA5103A011	SEMI FIXED RESISTOR	1	
		MISCELLANEOUS		
	K9ZZ00000595	LED SPACER	2	
47	KP01-DCN	SWITCH COVER (SMALL)	10	FOR K0F111A00574
48	KP01-CCN	SWITCH COVER (LARGE)	25	FOR K0F111A00575
■ PCB3	SVEPB0597A	MOTHER P.C.BOARD	1	(RTL)
P101	K1KBC5B00004	CONNECTOR	1	
P102	K1KBB0B00002	CONNECTOR	1	
P201	K1KBC5B00004	CONNECTOR	1	
P202	K1KBB0B00002	CONNECTOR	1	
P301	K1KYB0A00002	CONNECTOR	1	
P302	K1KYB0A00002	CONNECTOR	1	
P401	K1KYB0A00002	CONNECTOR	1	
P402	K1KYB0A00002	CONNECTOR	1	
■ PCB4	SVEPB0598A	SD CARD P.C.BOARD	1	(RTL)
C3001	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C3003	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C3004	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C3005	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C3007	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C3008	F4Z1A3360002	E.CAPACITOR 10V 33U	1	
C3009	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
C3013	F1H1E104A030	C.CAPACITOR 25V 0.1U	1	
D3001	B3ABB0000007	LED	1	
IC3001	C0JBAZ002217	LOGIC IC	1	
IC3002	C1CB00002800	LINEAR INTEGRATED IC	1	
P3001	K1KA40BA0280	CONNECTOR	1	
P3003	K1NA09E00073	CONNECTOR	1	
Q3001	2SD11190LL	TRANSISTOR	1	
R3001	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R3002	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R3003	ERJ3GEYJ473V	RESISTOR 1/10W 47K	1	
R3004	ERJ3GEYJ473V	RESISTOR 1/10W 47K	1	
R3005	ERJ3GEYJ473V	RESISTOR 1/10W 47K	1	
R3006	ERJ3GEYJ473V	RESISTOR 1/10W 47K	1	
R3010	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R3011	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R3012	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R3013	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R3014	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R3015	ERJ3GEYJ330V	RESISTOR 1/10W 33	1	
R3016	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R3017	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R3018	ERJ3GEYJ473V	RESISTOR 1/10W 47K	1	
R3019	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R3020	ERJ3GEYJ221V	RESISTOR 1/10W 220	1	
R3021	ERJ3GEYJ473V	RESISTOR 1/10W 47K	1	
R3022	ERJ3GEYJ473V	RESISTOR 1/10W 47K	1	
R3023	ERJ3GEYJ473V	RESISTOR 1/10W 47K	1	
R3024	ERJ3GEYJ473V	RESISTOR 1/10W 47K	1	
R3025	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R3026	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R3027	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R3028	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R3029	ERJ3GEY0R00V	RESISTOR 1/10W 0	1	
R3031	ERJ3GEYJ102V	RESISTOR 1/10W 1K	1	
R3032	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3033	ERJ6GEYJ680V	RESISTOR 1/8W 68	1	
R3046	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R3047	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R3048	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R3049	ERJ3GEYJ103V	RESISTOR 1/10W 10K	1	
R3050	ERDS2TJ102	RESISTOR 1/4W 1K	1	
X3001	H2D400500001	CERAMIC OSCILLATOR 40MHz	1	
■ PCB5	SVEPB0591A	POWER P.C.BOARD	1	(RTL) (AE,AMC)
C3003	F0CZZ1050006	P.CAPACITOR 450V 1U	1	
C3004	F1J1H104A578	C.CAPACITOR 50V 0.1U	1	
C3005	F1J1A106A043	C.CAPACITOR 10V 10U	1	
C3006	F1J1H104A578	C.CAPACITOR 50V 0.1U	1	
CN3001	K1KA03A00595	CONNECTOR	1	
CN3003	K1KA02A00029	CONNECTOR	1	
CN3004	K1KA03A00023	CONNECTOR	1	
D3002	B0EBNT000024	DIODE	1	
D3003	B0BC013A0235	DIODE	1	
D3004	B0ACDL000006	DIODE	1	
D3005	MAZ41200MF	DIODE	1	
⚠ F3001	K5G202Y00007	CURRENT FUSE 2A	1	
IC3001	C0EBY0000377	LINEAR INTEGRATED IC	1	
⚠ PC3001	K6G1AYY00011	RELAY	1	
⚠ PC3002	B3PAA0000261	PHOTO COUPLER	1	
Q3003	B1CEQU000002	FET	1	
R3014	ERDS2TJ473	RESISTOR 1/4W 47K	1	
R3015	ERDS2TJ473	RESISTOR 1/4W 47K	1	
R3016	ERDS2TJ473	RESISTOR 1/4W 47K	1	
R3017	ERDS2TJ473	RESISTOR 1/4W 47K	1	
R3018	ERDS2TJ473	RESISTOR 1/4W 47K	1	
R3019	ERDS2TJ224	RESISTOR 1/4W 220K	1	
R3020	ERDS2TJ224	RESISTOR 1/4W 220K	1	
R3021	ERJ8GEYJ102V	RESISTOR 1/4W 1K	1	
R3022	ERJ8GEYJ203V	RESISTOR 1/4W 20K	1	
R3023	ERJ8GEYJ683V	RESISTOR 1/4W 68K	1	
R3024	ERG3SJ243	RESISTOR 3W 24K	1	
R3025	ERJ8GEYJ242V	RESISTOR 1/4W 2.4K	1	
R3030	ERJ8GEYJ103V	RESISTOR 1/4W 10K	1	
RV3001	D3BA6102A008	SEMI FIXED RESISTOR	1	
⚠ SQ3001	D4EAY471A074	VARISTOR	1	
⚠ SQ3002	D4EAY471A074	VARISTOR	1	