


7B

DEVICE CONTROL
UNIT PACK
DCU-2000-C (MKS-2700)

DCU Maintenance



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DEVICE CONTROL UNIT PACK
DCU-2000-C (MKS-2700)

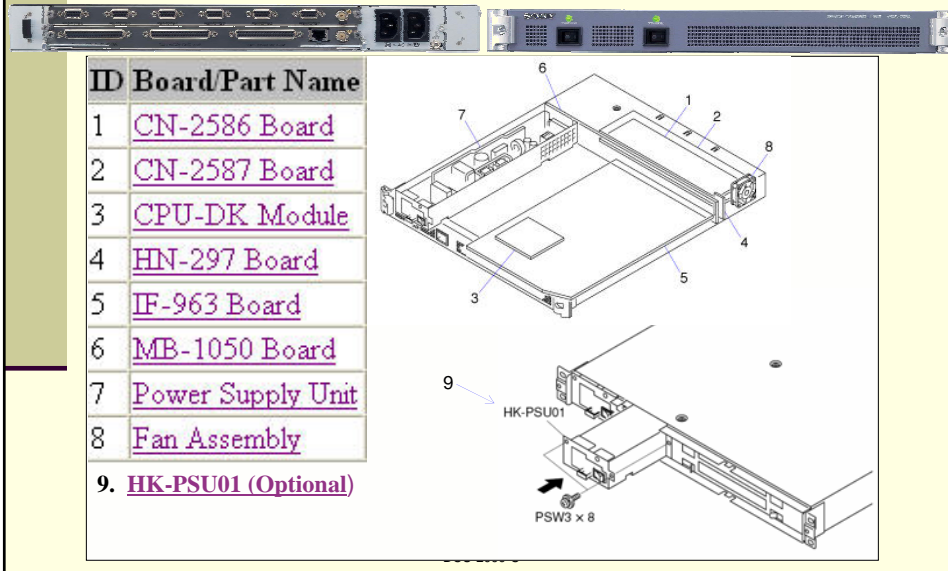
■ MKS-2700 DEVICE CONTROL UNIT

IF-963 : SYSTEM CONTROL BOARD
MB-1050 : MOTHER BOARD
CN-2586 : CONNECTOR BOARD (REF VIDEO IN, PERIPHERAL
LAN, TALLY/GPI INPUT/OUTPUT)
CN-2587 : CONNECTOR BOARD (REFERENCE VIDEO INPUT,
SERIAL INTERFACE)
HN-297: FAN ASSEMBLY BOARD

DCU-2000-C

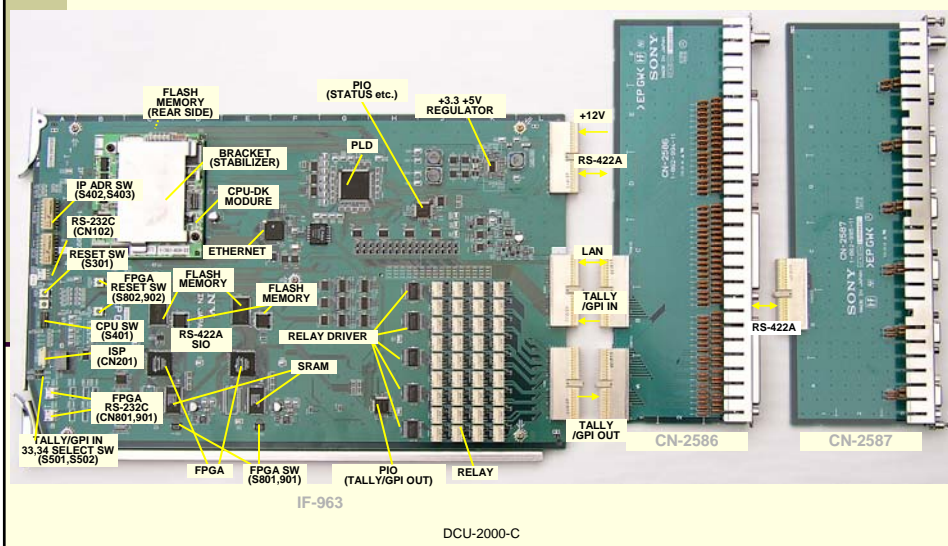
DEVICE CONTROL UNIT PACK DCU-2000-C (MKS-2700)

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SYSTEM CONTROL BOARD: IF-963 CONNECTOR BOARDS: CN-2586/CN-2587 (MKS-2700)

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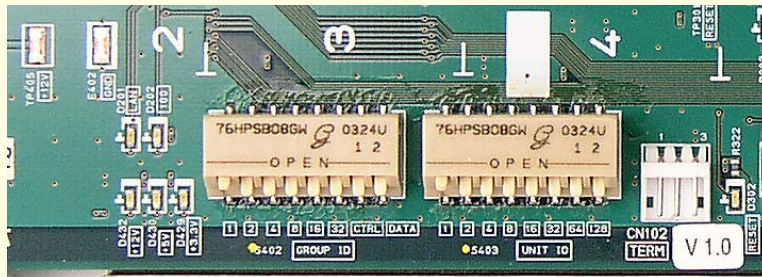


MKS-2700 MAINTENANCE

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IF-963 Software Recovery (If software is damaged)

1. Remove the two screws and take off the bracket
2. Replace the CPU-DK Module with the tool Module (+ V3.20 Flash ROM IC)
3. Connect the Terminal Cable and install the V3.20 software
4. Replace the tool Module with the CPU-DK Module
5. Fix the bracket with using the two screws



IP ADR SW (S402, 403)

RS-232C (CN102)

S402-1 : OPEN, S402-2~8 : CLOSE

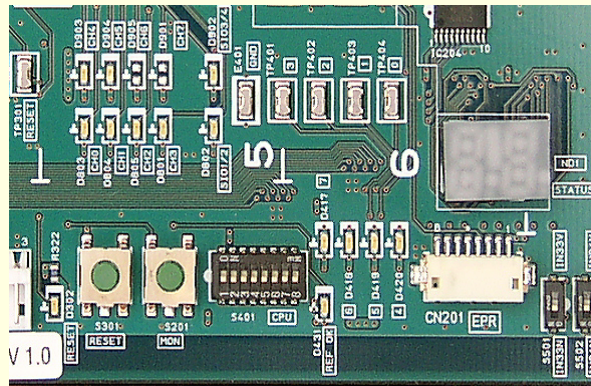
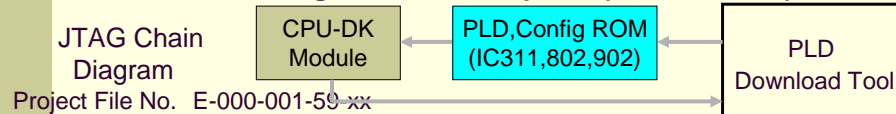
S403-1 : OPEN, S403-2~8 : CLOSE

PC
(SERIAL)

MKS-2700 MAINTENANCE

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IF-963 PLD, Config ROM Source Update (IC311,802,902)

RESET SW
(S301)

CPU SW (S401)

S401-1~8 : OFF

ISP (CN201)

PLD

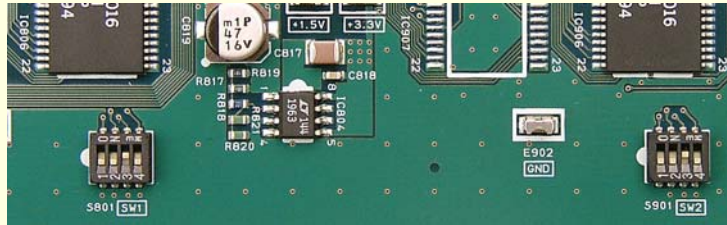
Download Tool

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IF-963 PLD, Config ROM Source Update (IC311,802,902) SW Setting (S801,S901)

Set S801-3 and S901-3 to OFF before Update



FPGA SW (S801)

FPGA SW (S901)

Set S801-3 and S901-3 to ON after Update

Factory setting S801-1,2,4 : OFF, S801-3 : ON
S901-1,2,4 : OFF, S901-3 : ON

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TALLY/GPI IN SW Setting (S501,S502)

- ON (IN 33N, IN 34N) : Normal (TTL) Mode
- OFF (IN 33V, IN 34V) : +12V Mode

Factory setting S501,S502 : ON (IN 33N, IN 34N)

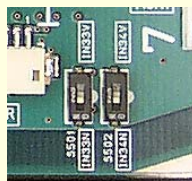
TALLY/GPI IN 33

TALLY/GPI IN 34

OFF (IN 33V, IN 34V)
+12V Mode



ON (IN 33N, IN 34N)
Normal (TTL) Mode



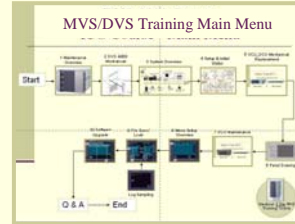
TALLY/GPI IN SW (S501,S502)

DCU-2000-C

Questions?

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