

ADAM Master Controller Jumper Settings

8/28/2000

MC-ADAM Connector	Purpose	Data Type	Mode	Jumper RefDes	SysCon RefDes	Typical Baud Rate (in kBaud)	Manufacturer's Part Number	Telex Part Number
J1	ADAMEdit	RS-232 RS-485 RS-485	2-Wire 4-Wire	JP8 JP1, JP8 JP1, JP8	U47 U36 U35, U36	9.6/38.4	MAXIM - MAX232 TI-SN75176 / ADM483EAN TI-SN75176 / ADM483EAN	16030119-00 16030107-00 16030107-00
J2	Trunk Master	RS-232 RS-485 RS-485	2-Wire 4-Wire	JP501 (Note 1) JP2, JP501 (1) JP2, JP501 (1)	U47 U38 U37, U38	38.4/76.8	MAXIM - MAX232 TI-SN75176 / ADM483EAN TI-SN75176 / ADM483EAN	16030119-00 16030107-00 16030107-00
J3	UIO, PAP, LCP	RS-485 RS-485	2-Wire 4-Wire	JP3 JP3	U40 U39, U40	76.8	TI-SN75176 / ADM483EAN TI-SN75176 / ADM483EAN	16030107-00 16030107-00
J4	General Purpose	RS-485 RS-485	2-Wire 4-Wire	JP4 JP4	U42 U41, U42	(Note 2)	TI-SN75176 / ADM483EAN TI-SN75176 / ADM483EAN	16030107-00 16030107-00
J5	General Purpose	RS-485	2-Wire		U44	(Note 2)	TI-SN75176 / ADM483EAN	16030107-00
J6	General Purpose (Bus Expansion Data)	RS-485	2-Wire		U46	38.4	TI-SN75176 / ADM483EAN	16030107-00
J7	General Purpose (Note 6)	RS-485	2-Wire		U48	38.4	TI-SN75176 / ADM483EAN	16030107-00
J8	General Purpose (Note 6)	RS-485	2-Wire		U51	38.4	TI-SN75176 / ADM483EAN	16030107-00
J9	General Purpose (Note 3)	RS-232			U199	9.6/19.2/38.4	MAXIM - MAX232	16030119-00
J10	Debug Connector (Note 4)	RS-232			U199	9.6/19.2/38.4	MAXIM - MAX232	16030119-00
J11	GPI	TTL TTL	Outputs Inputs		U54 U55		Motorola - ULN2803 Motorola - ULN2803	511087-002 511087-002

yellow shading = factory default setting



AMD-483-EAN is current replacement for TI-SN75176 driver.

Also: Syplex SP483 ECP & Telex # 1603010700

Note 1: On the System Controller Board, JP501 silk-screen is the opposite of what it says.

Note 2: Connectors J4 and J5 have never been used in any of the existing systems.

Note 3: J9 can optionally be an additional ADAMEdit Port or Command-line Protocol Port. By default, it is disabled. The port functionality and baud rate can be enabled through ADAMEdit. **Note: RS232 wiring will be different from that of J1 RS-232.**

Note 4: J10 is used as a Debug port. Optionally, it can be configured through ADAMEdit to run additional sessions of ADAMEdit or Command-line protocol. It is also used as a "Logging" port. By default, it is disabled. The port functionality and baud rate can be enabled through ADAMEdit. **Note: RS232 wiring will be different from that of J1 RS-232.**

Note 5: Xtal frequency of ADAM and ADAM-CS master controller cards are the same for both (32.768 khz).

Note 6: J7 & J8 may be used for multi-edit ADAMEdit sessions in DBX systems when this card is used as Peripheral Controller card and not a master.

AIO Cards: Crystal "X-3" = **22 Mhz** for Adam & **16 Mhz** for Adam-CS. ADAM I/O cards may be used in ADAM-CS frames only if **all** AIO cards have the 22 mhz crystal. If speeds are mixed, then no audio will pass on AIO card. Slow ADAM-CS AIO cards are **NOT** usable in ADAM frames.