



Tech Info Library

Serial NB Card: RS-232 (Multi-headed cable) Pinouts (7/93)

Revised: 6/23/94
Security: Everyone

Serial NB Card: RS-232 (Multi-headed cable) Pinouts (7/93)

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TOPIC -----

I would like to manufacture my own RS-232 (multi-headed Hydra cable) for the Serial NB card and the V.35 cable. Do you have the pinouts?

DISCUSSION -----

Apple's RS-232 cable (M0128LL/A) and the V.35 cable (M0145LL/A) have been manufactured to meet our shielding requirements.

Making your own custom RS-232 cable may work, but because of the shielding requirements, Apple cannot recommend the use of custom cables as signal loss may occur.

The V.35 cable contains components in addition to the cable. The information for this cable is considered proprietary information.

Here are the pinouts for the RS-232 (multi-headed) cable for the Serial NB card. This information is provided for its technical content only and the use of this information to make custom cables is not recommended.

Serial NB RS-232C 4 head cable has one 62 pin D connector labeled P1 connected to four 25 pin D connectors labeled P2 through P5.

P1	P2	
--	--	
2	2	
24	3	A 6.8K ohm resistor is tied to pin 7 (ground)
4	4	
5	5	

43	6	
62	7	
44	8	A 6.8K ohm resistor is tied to pin 7 (ground)
22	15	A 6.8K ohm resistor is tied to pin 7 (ground)
26	17	A 6.8K ohm resistor is tied to pin 7 (ground)
45	20	
46	22	

P1	P3
--	--
12	2
13	3
14	4
15	5
53	6
52	7
54	8
38	15
39	17
55	20
56	22

P1	P4	
--	--	
7	2	
32	3	A 6.8K ohm resistor is tied to pin 7 (ground)
9	4	
10	5	
48	6	
57	7	
49	8	A 6.8K ohm resistor is tied to pin 7 (ground)
30	15	A 6.8K ohm resistor is tied to pin 7 (ground)
34	17	A 6.8K ohm resistor is tied to pin 7 (ground)
50	20	
51	22	

P1	P5
--	--
17	2
18	3
19	4
20	5
58	6
47	7
59	8
42	15
40	17
60	20
61	22

The following pins are tied together on the 62 pin connector:

11, 16, 25, 37, 33 are tied together. Pins 21, 23, 29, 31, 41 are also tied together.

Article Change History:

23 Jun 1994 - Revised title to more accurately reflect contents.

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