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53A-702 DATA CABLE

DESCRIPTION

The 53A-702 Data Cable connects to the 53A-412 Programmable Digital I/O Card. It has a 53A-782 connector at one end, and is not terminated at the other end.

The 53A-702 Data Cable provides 76 conductors of 22 AWG unshielded wire in twisted pairs connected to a 76 pin card edge hooded connector (53A-782). Wire pairs are color coded with stripes. The wire bundle has an overall foil shield with drain wire, enclosed in a PVC jacket.

WIRE ASSIGNMENTS FOR 53A-702 CABLE

PIN #	WIRE COLOR	COLOR OF PAIR	DESCRIPTION
1	BLACK	BLACK & BLUE/GRAY	READY FOR DATA INPUT
2	BLUE/GRAY	BLACK & BLUE/GRAY	DATA READY INPUT
3	WHITE	WHITE & BLUE/ORANGE	DATA AVAILABLE OUTPUT
4	BLUE/ORANGE	WHITE & BLUE/ORANGE	DATA ACKNOWLEDGE OUTPUT
5	BLACK	BLACK & BLUE/GREEN	GROUND
6	BLUE/GREEN	BLACK & BLUE/GREEN	GROUND
7	RED	RED & GRAY/WHITE	BYTE 0 BIT 7 (MSB)
8	GRAY/WHITE	RED & GRAY/WHITE	BYTE 0 BIT 6
9	RED	RED & BROWN/GRAY	BYTE 0 BIT 5
10	BROWN/GRAY	RED & BROWN/GRAY	BYTE 0 BIT 4
11	RED	RED & ORANGE/GRAY	BYTE 0 BIT 3
12	ORANGE/GRAY	RED & ORANGE/GRAY	BYTE 0 BIT 2
13	RED	RED & ORANGE/GREEN	BYTE 0 BIT 1
14	ORANGE/GREEN	RED & ORANGE/GREEN	BYTE 0 BIT 0 (LSB)
15	BLUE	BLUE & BLACK	EXTERNAL TRI-STATE INPUT FOR BYTE 0
16	BLACK	BLUE & BLACK	GROUND
17	* BLACK	ORANGE & BLACK	GROUND
18	RED	RED & ORANGE/BLACK	BYTE 1 BIT 7 (MSB)
19	ORANGE/BLACK	RED & ORANGE/BLACK	BYTE 1 BIT 6
20	RED	RED & GREEN/~~WHITE~~ GRAY	BYTE 1 BIT 5
21	GREEN/~~WHITE~~ GRAY	RED & GREEN/~~WHITE~~ GRAY	BYTE 1 BIT 4
22	RED	RED & GREEN/BROWN	BYTE 1 BIT 3
23	GREEN/BROWN	RED & GREEN/BROWN	BYTE 1 BIT 2
24	RED	RED & GREEN/WHITE	BYTE 1 BIT 1
25	GREEN/WHITE	RED & GREEN/WHITE	BYTE 1 BIT 0 (LSB)
26	RED	RED & BROWN/WHITE	EXTERNAL TRI-STATE INPUT FOR BYTE 1

PIN #	WIRE COLOR	COLOR OF PAIR	DESCRIPTION
27	BROWN/WHITE	RED & BROWN/WHITE	GROUND
28	* ORANGE	ORANGE & BLACK	GROUND
29	RED	RED & GRAY	BYTE 2 BIT 7 (MSB)
30	GRAY	RED & GRAY	BYTE 2 BIT 6
31	RED	RED & BLUE/WHITE	BYTE 2 BIT 5
32	BLUE/WHITE	RED & BLUE/WHITE	BYTE 2 BIT 4
33	RED	RED & ORANGE/WHITE	BYTE 2 BIT 3
34	ORANGE/WHITE	RED & ORANGE/WHITE	BYTE 2 BIT 2
35	BLUE	BLUE & WHITE	BYTE 2 BIT 1
36	WHITE	BLUE & WHITE	BYTE 2 BIT 0 (LSB)
37	BLUE/BROWN	BLACK & BLUE/BROWN	EXTERNAL TRI-STATE INPUT FOR BYTE 2
38	BLACK	BLACK & BLUE/BROWN	GROUND
39	* BLACK	BLACK & GREEN	GROUND
40	RED	RED & BLUE/GREEN	BYTE 3 BIT 7 (MSB)
41	BLUE/GREEN	RED & BLUE/GREEN	BYTE 3 BIT 6
42	RED	RED & BLUE/ORANGE	BYTE 3 BIT 5
43	BLUE/ORANGE	RED & BLUE/ORANGE	BYTE 3 BIT 4
44	RED	RED & GREEN	BYTE 3 BIT 3
45	GREEN	RED & GREEN	BYTE 3 BIT 2
46	RED	RED & ORANGE	BYTE 3 BIT 1
47	ORANGE	RED & ORANGE	BYTE 3 BIT 0 (LSB)
48	BLUE/ORANGE	BLUE/ORANGE & BLACK	EXTERNAL TRI-STATE INPUT FOR BYTE 3
49	BLACK	BLUE/ORANGE & BLACK	GROUND
50	* GREEN	BLACK & GREEN	GROUND
51	WHITE	WHITE & BROWN/GRAY	BYTE 4 BIT 7 (MSB)
52	BROWN/GRAY	WHITE & BROWN/GRAY	BYTE 4 BIT 6
53	WHITE	WHITE & BROWN/WHITE	BYTE 4 BIT 5
54	BROWN/WHITE	WHITE & BROWN/WHITE	BYTE 4 BIT 4

PIN #	WIRE COLOR	COLOR OF PAIR	DESCRIPTION
55	WHITE	WHITE & BLUE/GREEN	BYTE 4 BIT 3
56	BLUE/GREEN	WHITE & BLUE/GREEN	BYTE 4 BIT 2
57	WHITE	WHITE & GRAY/WHITE	BYTE 4 BIT 1
58	GRAY/WHITE	WHITE & GRAY/WHITE	BYTE 4 BIT 0 (LSB)
59	BLACK	BLACK & BROWN	EXTERNAL TRI-STATE INPUT FOR BYTE 4
60	BROWN	BLACK & BROWN	GROUND
61	* BLACK	BLACK & GRAY	GROUND
62	RED	RED & BLUE	BYTE 5 BIT 7 (MSB)
63	BLUE	RED & BLUE	BYTE 5 BIT 6
64	WHITE	WHITE & GREEN	BYTE 5 BIT 5
65	GREEN	WHITE & GREEN	BYTE 5 BIT 4
66	WHITE	WHITE & BLUE/WHITE	BYTE 5 BIT 3
67	BLUE/WHITE	WHITE & BLUE/WHITE	BYTE 5 BIT 2
68	WHITE	WHITE & GRAY	BYTE 5 BIT 1
69	GRAY	WHITE & GRAY	BYTE 5 BIT 0 (LSB)
70	BLUE/WHITE	BLUE/WHITE & BLACK	EXTERNAL TRI-STATE INPUT FOR BYTE 5
71	BLACK	BLUE/WHITE & BLACK	GROUND
72	* GRAY	BLACK & GRAY	GROUND
73-76	GRAY	BLACK & GRAY	NOT USED

MISC. NOTES -

* - DENOTES THAT THE OTHER COLOR IN THE PAIR IS USED ELSEWHERE, DO NOT CUT WIRE.

GROUND WIRE HOOKED AT OTHER END

PRODUCTION B/M WITH APPROVED MFG'S & OEM CROSS REFS

NAME: CABLE FOR FET MUX ASSY NO: 53A-702

REVISION: 00 DATE: 01/03/95

ITEM/ SYMBOL	JcAIR P/N	DESCRIPTION	U/M	QTY	MFG	MFG'S P/N
E4	92302-00412	SCREW PHIL PAN 4X.5 PLASTITE ZINC	EA	2.00	A & I BOLT & NU	VX.5POSPANPLASTZP
					CSID/INTEGRATED	4X.5POSPANPLASTZP
					TEKTRONIX	950282600
E5	92300-07164	WASHER NYLON NUMBER 4 THICK	EA	1.00	BOKERS, INC.	120X250X062ACETAL
					TEKTRONIX	950301300
E6	92302-00438	SCREW PHL FLHD 4X.375 TYPE AB SELFTAP 82	EA	2.00	A & I BOLT & NU	4X.375 PH FLTHD
					CSID/INTEGRATED	4X.375 PH FLTHD
					TEKTRONIX	950282500
E7	92306-76632	SET SCREW 6-32 X .5 CUP PNT ZINC	EA	1.00	A & I BOLT & NU	6-32X.5 SET SCREW
					CSID/INTEGRATED	6-32X.5 SET SCREW
					TEKTRONIX	950282300
E8	92302-00412	SCREW PHIL PAN 4X.5 PLASTITE ZINC	EA	-		
E9	92302-00438	SCREW PHL FLHD 4X.375 TYPE AB SELFTAP 82	EA	-		
E10	47000-88422	BRACKET, STRAIN RELIEF	EA	1.00		
E1,2,3	40420-00001	PLASTIC HOOD ASSEMBLY DRW 00678 REV 8908	EA	1.00	ENGINEERING SAL	40420-00001
					TEKTRONIX	950277700
J1	45001-76100	CONNECTOR FRONT EDGE 76 PIN	EA	1.00	EDAC	345-076-500-204
					TEKTRONIX	950367000
X1	46000-00079	CABLE 100 COND SINGLE SHIELD	EA	17.00		

 B/M COMPLETE.

CABLE WITH HOODED CONNECTOR

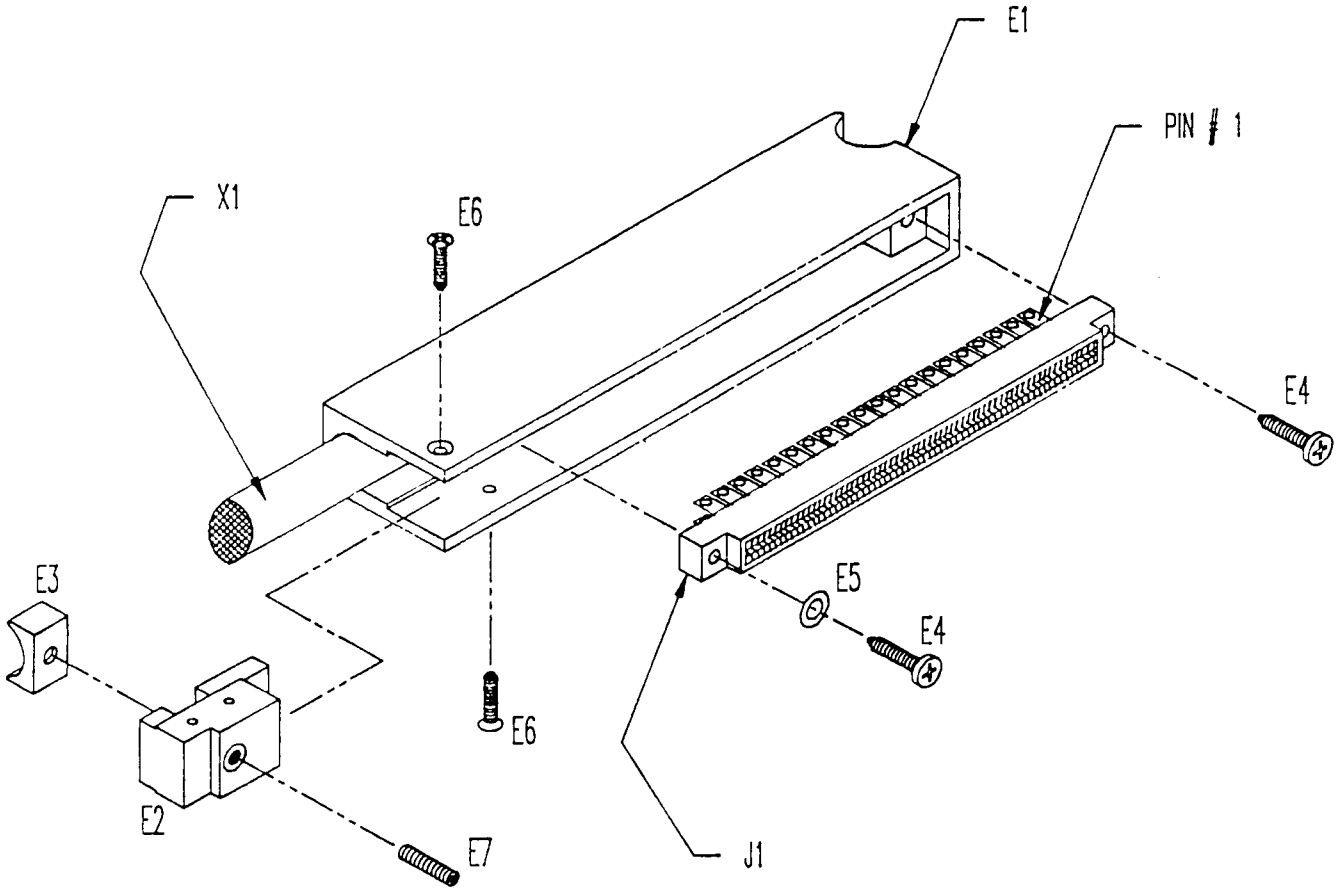


FIGURE 1.

Artisan Technology Group is an independent supplier of quality pre-owned equipment

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