X3T9.2/88-048
(from C. Brill, AMP Inc.)

1 Single-ended pin assignments for high density connectors

CABLE A

Signal	Conductor No.	Pin #	Pin #	Conductor No.	Signal
-DB(0)	2	26	1	1	GROUND
-DB(1)	4	27	2	3	GROUND
-DB(2)	6	28	3	5	GROUND
-DB(3)	8	29	4	7	GROUND
-DB(4)	10	30	5	9	GROUND
-DB(5)	12	31	6	11	GROUND
-DB(6)	14	32	7	13	GROUND
-DB(7)	16	33	8	15	GROUND
-DB(P)	18	34	9	17	GROUND
GROUND	20	35	10	19	GROUND
GROUND	22	36	11	21	GROUND
~~GROUND~~ OPEN	24	37	12	23	~~GROUND~~ OPEN
TERMPWR	26	38	13	25	OPEN
~~GROUND~~ OPEN	28	39	14	27	~~GROUND~~ OPEN
GROUND	30	40	15	29	GROUND
-ATN	32	41	16	31	GROUND
GROUND	34	42	17	33	GROUND
-BSY	36	43	18	35	GROUND
-ACK	38	44	19	37	GROUND
-RST	40	45	20	39	GROUND
-MSG	42	46	21	41	GROUND
-SEL	44	47	22	43	GROUND
-C/D	46	48	23	45	GROUND
-REQ	48	49	24	47	GROUND
-I/O	50	50	25	49	GROUND

THESE SIGNAL DEFINITIONS SHOULD BE USED FOR BOTH HIGH AND LOW DENSITY "A" CONNECTORS NOW.

Single-ended pin assignments for high density connectors

CABLE B

Signal	Conductor No.	Pin #	Pin #	Conductor No.	Signal
-DB(8)	2	35	1	1	GROUND
-DB(9)	4	36	2	3	~~TERMPWRB~~ GROUND
-DB(10)	6	37	3	5	~~TERMPWRB~~ GROUND
-DB(11)	8	38	4	7	GROUND
-DB(12)	10	39	5	9	GROUND
-DB(13)	12	40	6	11	GROUND
-DB(14)	14	41	7	13	GROUND
-DB(15)	16	42	8	15	GROUND
-DB(P1)	18	43	9	17	GROUND
-ACKB	20	44	10	19	GROUND
GROUND	22	45	11	21	GROUND
-REQB	24	46	12	23	GROUND
GROUND	26	47	13	25	GROUND
[redacted] ~~GROUND~~	28	48	14	27	~~GROUND~~ [redacted]
TERMPWR ~~GROUND~~	30	49	15	29	~~GROUND~~ TERMPWR
TERMPWRB ~~-DB(16)~~	32	50	16	31	~~GROUND~~ TERMPWR
-DB(16) ~~TERMPWRB~~	34	51	17	33	GROUND
-DB(17)	36	52	18	35	GROUND
-DB(18)	38	53	19	37	GROUND
-DB(19)	40	54	20	39	GROUND
-DB(20)	42	55	21	41	GROUND
-DB(21)	44	56	22	43	GROUND
-DB(22)	46	57	23	45	GROUND
-DB(23)	48	58	24	47	GROUND
-DB(P2)	50	59	25	49	GROUND
-DB(24)	52	60	26	51	GROUND
-DB(25)	54	61	27	53	GROUND
-DB(26)	56	62	28	55	GROUND
-DB(27)	58	63	29	57	GROUND
-DB(28)	60	64	30	59	GROUND
-DB(29)	62	65	31	61	GROUND
-DB(30)	64	66	32	63	GROUND
-DB(31)	66	67	33	65	GROUND
-DB(P3)	68	68	34	67	GROUND

Differential Pin Assignments for High Density Connectors

CABLE A

Signal	Conductor No.	Pin #	Pin #	Conductor No.	Signal
SHIELD GROUND	1	1	26	2	GROUND
+DB(0)	3	2	27	4	-DB(0)
+DB(1)	5	3	28	6	-DB(1)
+DB(2)	7	4	29	8	-DB(2)
+DB(3)	9	5	30	10	-DB(3)
+DB(4)	11	6	31	12	-DB(4)
+DB(5)	13	7	32	14	-DB(5)
+DB(6)	15	8	33	16	-DB(6)
+DB(7)	17	9	34	18	-DB(7)
+DB(P)	19	10	35	20	-DB(P)
DIFFSENS	21	11	36	22	GROUND
OPEN ~~GROUND~~	23	12	37	24	~~GROUND~~ OPEN
TERMPWR	25	13	38	26	TERMPWR
OPEN ~~GROUND~~	27	14	39	28	~~GROUND~~ OPEN
+ATN	29	15	40	30	-ATN
GROUND	31	16	41	32	GROUND
+BSY	33	17	42	34	-BSY
+ACK	35	18	43	36	-ACK
+RST	37	19	44	38	-RST
+MSG	39	20	45	40	-MSG
+SEL	41	21	46	42	-SEL
+C/D	43	22	47	44	-C/D
+REQ	45	23	48	46	-REQ
+I/O	47	24	49	48	-I/O
GROUND	49	25	50	50	GROUND

THESE SIGNAL DEFINITIONS SHOULD BE USED FOR BOTH HIGH AND LOW DENSITY "A" CONNECTORS NOW.

Differential Pin Assignments for High Density Connectors

CABLE B

Signal	Conductor No.	Pin #	Pin #	Conductor No.	Signal
~~SHIELD~~ GROUND	1	1	35	2	GROUND
+DB(8)	3	2	36	4	-DB(8)
+DB(9)	5	3	37	6	-DB(9)
+DB(10)	7	4	38	8	-DB(10)
+DB(11)	9	5	39	10	-DB(11)
+DB(12)	11	6	40	12	-DB(12)
+DB(13)	13	7	41	14	-DB(13)
+DB(14)	15	8	42	16	-DB(14)
+DB(15)	17	9	43	18	-DB(15)
+DB(P1)	19	10	44	20	-DB(P1)
+ACKB	21	11	45	22	-ACKB
DIFFSENS	23	12	46	24	GROUND
+REQB	25	13	47	26	-REQB
~~GROUND~~ ~~GREEN~~	27	14	48	28	~~GROUND~~ ~~LT BLUE~~
~~+DB(16)~~ TERMPWRB	29	15	49	30	~~-DB(16)~~ TERMPWRB
TERMPWRB	31	16	50	32	TERMPWRB
~~+DB(17)~~	~~31~~	16	50	~~32~~	~~-DB(17)B~~
DB(16)	33	17	51	34	-DB(16)
~~GROUND~~	~~33~~	17	51	~~34~~	~~GROUND~~
DB(17)	35	18	52	36	-DB(17)
~~TERMPWRB~~	~~35~~	18	52	~~36~~	~~GROUND)~~
+DB(18)	37	19	53	38	-DB(18)
+DB(19)	39	20	54	40	-DB(19)
+DB(20)	41	21	55	42	-DB(20)
+DB(21)	43	22	56	44	-DB(21)
+DB(22)	45	23	57	46	-DB(22)
+DB(23)	47	24	58	48	-DB(23)
+DB(P2)	49	25	59	50	-DB(P2)
+DB(24)	51	26	60	52	-DB(24)
+DB(25)	53	27	61	54	-DB(25)
+DB(26)	55	28	62	56	-DB(26)
+DB(27)	57	29	63	58	-DB(27)
+DB(28)	59	30	64	60	-DB(28)
+DB(29)	61	31	65	62	-DB(29)
+DB(30)	63	32	66	64	-DB(30)
+DB(31)	65	33	67	66	-DB(31)
+DB(P3)	67	34	68	68	-DB(P3)