

**DATA GENERAL CORPORATION**

SOUTHBORO, MASSACHUSETTS 01772

SIZE A	CODE 008	DWG NO. 000110	REV 02
-----------	-------------	-------------------	-----------

TITLE Cable Ext. Comp. to  
Adapt Assy (MHD)

ORIGINATOR: L. Kray	DATE 6/71	MODEL NO. 4046	NEXT ASSY	CODE 005	DWG NO. 000468	REV 00
---------------------	--------------	-------------------	--------------	-------------	-------------------	-----------

ENG: <i>APB</i>	CHECKED BY:	APP BY:	SCHEMATIC REF NO. 001000129 and 001000142
-----------------	-------------	---------	--

REV NO.	ECO NO.	APP BY	DATE	PAGE NO'S	24 AWG USED UNLESS OTHERWISE SPEC (Cable 10 ft. lg.)
---------	---------	--------	------	-----------	---

01	535	K.C.	10/71	1 & 2	<b>NOTES</b> 1. 50 Pin Conn. (From) 2. #107000044 (To) 3. Color Code: Blk - 1 Brn - 2 Red - 3 Orn - 4 Yel - 5 Grn - 6 Blu - 7 Vio - 8 Gray - 9 Wht - 0
02	2678	<i>APB</i>	6/74	1 & 2	

ITEM NO.	FROM	SIGNAL NAME	TO	FUNCTION	COLOR	LENGTH	AWG
1	P1	GND	P1		1	10'	
2	P2	Adapt Sel	P2		2	"	
3	P3	Adapt Done	P3		3	"	
4	P4	AD + UNSF	P4		4	"	
5	P5	START	P5		5	"	
6	P6	CM1	P6		5	"	
7	P11	CM2	P11		7	"	
8	P12	XFER DONE	P12		8	"	
9	P13	EOC	P13		9	"	
10	P14	CRWD	P14		0	"	
11	P15	DIFF	P15		0/1	"	
12	P16	BUS1	P16		0/2	"	
13	P17	BUS2	P17		0/3	"	
14	P18	BUS4	P18		0/4	"	



**DATA GENERAL CORPORATION**

SOUTHBORO MASSACHUSETTS 01772

SIZE A	CODE 008	DWG NO. 000111	REV 04
-----------	-------------	-------------------	-----------

TITLE Cable Int. Back Panel  
to 50 Pin Female Conn (MHD)

ORIGINATOR: L. Kray	DATE 6/71	MODEL NO. 4046	NEXT CODE ASSY 005	DWG NO. 000469	REV 00
---------------------	--------------	-------------------	-----------------------	-------------------	-----------

ENG: J. Austin	CHECKED BY:	APP BY:	SCHEMATIC REF NO.		
----------------	-------------	---------	-------------------	--	--

REV NO.	ECO NO.	APP BY	DATE	PAGE NO'S	
01	535	K.C.	10/71	1,2	26 AWG USED UNLESS OTHERWISE SPEC (Solid Wire)
02	673	J.D.	11/16	1,2	
03	800	L.K.	2/72	1,2	
04	2678	JPB	6/74	1,2	
					NOTES
					1. 50 Pin Connector P/N 111000006 (From)
					2. Back Panel 107000078 (To)
					3. Tag loose ends with back panel locations
					REF: See 4046 Wire List Configuration Rules 010000011

ITEM NO.	FROM	SIGNAL NAME	TO	FUNCTION	COLOR	LENGTH	AWG
1	P1	GND	A100		Blk	20"	
2	P2	ADAPT. SEL	A71		Wht	"	
3	P4	AD + UNSF	A73		Wht	"	
4	P5	ATART	A57		Wht	"	
5	P6	CM1	A75		Wht	"	
6	P11	CM2	A77		Wht	"	
7	P12	XFER DONE	A76		Wht	"	
8	P13	EOC	A61		Wht	"	
9	P14	CKWD	A59		Wht	"	
10	P15	DIFF	B34		Wht	"	
11	P16	BUS1	A91		Wht	"	
12	P17	BUS2	A84		Wht	"	
13	P18	BUS4	A89		Wht	"	
14	P19	BUS6	B40		Wht	"	

WIRE LIST

DATA GENERAL CORPORATION

SOUTHBORO, MASSACHUSETTS 01772

SIZE	▲	008
CODE	008	000111
DWG NO.	000111	04
REV	04	

TITLE  
Cable Int. Back Panel  
to 50 Pin Female GNN (MHD)

ITEM NO.	FROM	SIGNAL NAME	TO	FUNCTION	COLOR	LENGTH	AWG
15	P20	D0	B25		wht	20"	
16	P21	CONTROL 2	B11		wht		
17	P22	INC HD	B53		wht		
18	P26	BIT COUNT	A47		wht		
19	P27	SKE	A63		wht		
20	P28	READ DATA	B67		wht		
21	P29	DATA	B54		wht		
22	P30	FORMAT	A78		wht		
23	P31	ATTEN 3	A79		wht		
24	33	CONTROL 1	A49		wht		
25	P34	CYL	B38		wht		
26	P35	BUS7	B48		wht		
27	P36	BUS3	B49		wht		
28	P37	ATTEN 0	A81		wht		
29	P38	DATA STROBE	B15		wht		
30	P39	ATTEN 2	A83		wht		
31	P40	BUS0	A86		wht		
32	P41	INC SC	B13		wht		
33	P42	HD + DIR	B19		wht		
34	P43	D1	B23		wht		
35	P45	CUR	B27		wht		
36	P46	ATTEN 1	A85		wht		
37	P47	BUS5	A87		wht		
38	P49	S8	B51		wht		
39	P50	GND	A99		wht		
40	P44	CPU RESET	B31		wht		
41	P3	ADAPT DONE	B69		wht		
42	P32	+5V SENSE	B36		wht		



WIRE LIST

**DATA GENERAL CORPORATION**  
SOUTHBORO, MASSACHUSETTS 01772

SIZE	CODE	DWG NO.	REV
▲	008	000-162	01

**TITLE** Cable Int. Back Panel  
To 50 pin Female 6NN (MHD)

ITEM NO.	FROM	SIGNAL NAME	TO	FUNCTION	COLOR	LENGTH	AWG
15	P20	D0	B25		Wht.	32	
16	P21	CONTROL 2	B11		Wht.	32	
17	P22	INC HD	B53		Wht.	32	
18	P26	BIT COUNT	A47		Wht.	32	
19	P27	SKE	A63		Wht.	32	
20	P28	READ DATA	B67		Wht.	32	
21	P29	DATA	B54		Wht.	32	
22	P30	FORMAT	A78		Wht.	32	
23	P31	ATTEN 3	A79		Wht.	32	
24	P33	CONTROL 1	A49		Wht.	32	
25	P34	CYL	B38		Wht.	32	
26	P35	BUS7	B48		Wht.	32	
27	P36	BUS3	B49		Wht.	32	
28	P37	ATTEN 0	A81		Wht.	32	
29	P38	DATA STROBE	B15		Wht.	32	
30	P39	ATTEN 2	A83		Wht.	32	
31	P40	BUS0	A86		Wht.	32	
32	P41	INC SC	B13		Wht.	32	
33	P42	HD + DIR	B19		Wht.	32	
34	P43	D1	B23		Wht.	32	
35	P45	CUR	B27		Wht.	32	
36	P46	ATTEN 1	A85		Wht.	32	
37	P47	BUS5	A87		Wht.	32	
38	P49	S8	B51		Wht.	32	
39	P50	GND	A99		Blk.	32	
40	P44	CPU RESET	B31		Wht.	32	
41	P3	ADAPT DONE	B69		Wht.	32	
42	P32	+5V SENSE	B36		Wht.	32	

THIS DRAWING IS THE PROPERTY OF DATA GENERAL CORPORATION AND SHALL NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF DATA GENERAL CORPORATION.

REV	DESCRIPTION	DATE	APP. BY	DATE
01	SEE ECO 800	1/1	JK	2-78
02	SEE ECO 942	1/1	JK	5-78

**CENTRAL PROCESSOR  
MODEL NO.**

**INTERNAL CABLE**

DESCRIPTION	WIRE LIST NO.	WIRE ASSY. NO.	LENGTH
4001 (7 Slot Nova)	008-000162	005-000042	32"
4024 (7 Slot Exp)	008-000162	005-000042	32"
8001 (7 Slot SN)	008-000162	005-000042	32"
8024 (7 Slot Exp SN)	008-000162	005-000042	32"
8101 (7 Slot 1200)	008-000111	005-000469	20"
8201 (7 Slot 800)	008-000111	005-000469	20"
8124 (17 Slot 1200)	008-000111	005-000469	20"
8224 (17 Slot 800)	008-000111	005-000469	20"
8131 thru 8138 (4 Slot 1210)	008-000193	005-000878	24"
8251 thru 8258 (10 Slot 820)	008-000193	005-000878	24"
8151 thru 8158 (10 Slot 1220)	008-000193	005-000878	24"

**NOTE:** If customer slot 9 is used for interface, note internal cable is wired in by etch (820 and 1220).

UNLESS OTHERWISE SPECIFIED— DIMENSIONS ARE IN INCHES TOLERANCES ON FRACTIONS DECIMALS ANGLES ± .005 ± .005 ± .005 PARTS TO BE FREE FROM BURRS BREAK ALL EDGES 010 UNLESS OTHERWISE SPECIFIED ALL MATCH SURFACES		QTY	DESCRIPTION	PART NO.
DRAWN L. L. Kray		2/72	DATA GENERAL CORPORATION	
CHECKED			TITLE	
ENGINEER			4046 W/L Conf.	
APPROVED			Rules	
FIRST USED ON			SIZE CODE	DRAWING NUMBER
MATERIAL			A 010	000017
FINISH			SHEET	OF
			1	2





**DATA GENERAL CORPORATION**

SOUTHBORO, MASSACHUSETTS 01772

SIZE A	CODE 008	DWG NO. 000110	REV 02
-----------	-------------	-------------------	-----------

TITLE Cable Ext. Comp. to Adapt Assy (MHD)

ORIGINATOR: L. Kray	DATE 6/71	MODEL NO. 4046	NEXT ASSY	CODE 005	DWG NO. 000468	REV 00
---------------------	--------------	-------------------	--------------	-------------	-------------------	-----------

ENG: <i>LPB</i>	CHECKED BY:	APP BY:	SCHMATIC REF NO. 001000129 and 001000142
-----------------	-------------	---------	---

REV NO.	ECO NO.	APP BY	DATE	PAGE NO'S	
01	535	K.C.	10/71	1 & 2	24 AWG USED UNLESS OTHERWISE SPEC (Cable 10 ft. lg.)
02	2678	<i>LPB</i>	6/74	1 & 2	
					<b>NOTES</b> 1. 50 Pin Conn. (From) 2. #107000044 (To) 3. Color Code: Blk - 1 Brn - 2 Red - 3 Orn - 4 Yel - 5 Grn - 6 Blu - 7 Vio - 8 Gray - 9 Wht - 0

ITEM NO.	FROM	SIGNAL NAME	TO	FUNCTION	COLOR	LENGTH	AWG
1	P1	GND	P1		1	10'	
2	P2	Adapt Sel	P2		2	"	
3	P3	Adapt Done	P3		3	"	
4	P4	AD + UNSF	P4		4	"	
5	P5	START	P5		5	"	
6	P6	CM1	P6		5	"	
7	P11	CM2	P11		7	"	
8	P12	XFER DONE	P12		8	"	
9	P13	EOC	P13		9	"	
10	P14	CRWD	P14		0	"	
11	P15	DIFF	P15		0/1	"	
12	P16	BUS1	P16		0/2	"	
13	P17	BUS2	P17		0/3	"	
14	P18	BUS4	P18		0/4	"	

WIRE LIST

DATA GENERAL CORPORATION  
SOUTHBORO, MASSACHUSETTS 01772

SIZE	CODE	DWG NO.	REV
▲	008	000110	02
TITLE Cable Ext. Comp. to Adapt Assy (MHD)			

ITEM NO.	FROM	SIGNAL NAME	TO	FUNCTION	COLOR	LENGTH	AWG
15	P19	BUS6	P19			0/5	10'
16	P20	DO	P20			0/6	
17	P21	CONTROL 2	P21			0/7	
18	P22	IHC HD	P22			0/8	
19	P26	BIT COUNT	P26			0/9	
20	P27	SKE	P27			2/3	
21	P28	READ DATA	P28			2/4	
22	P29	DATA	P29			2/5	
23	P30	FORMAT	P30			2/6	
24	P31	ATTEN 3	P31			2/7	
25	P32	+5 VOLT SENSE	P32			2/8	
26	P33	CONTROL 1	P33			2/9	
27	P34	CYL	P34			5/1	
28	P35	BUS 7	P35			5/3	
29	P36	BUS 3	P36			5/6	
30	P37	ATTEN 0	P37			5/7	
31	P38	DATA STROBE	P38			5/8	
32	P39	ATTEN 2	P39			5/9	
33	P40	BUS 0	P40			5/0	
34	P41	INC SC	P41			9/1	
35	P42	HD + DIR	P42			9/2	
36	P43	DI	P43			9/3	
37	P44	IORST	P44			9/4	
38	P45	DUR	P45			9/5	
39	P46	ATTEN 1	P46			9/6	
40	P47	BUS 5	P47			9/9	
41	P49	S8	P49			9/0	
42	P50	GND	P50			1	







# WIRE LIST

## DATA GENERAL CORPORATION

SOUTHBORO, MASSACHUSETTS 01772

<b>SIZE</b> A	<b>CODE</b> 008	<b>DWG NO.</b> 000-162	<b>REV</b> 01
<b>TITLE</b> Cable Int. Back Panel To 50 Pin Female 6NN (MHD)			

ITEM NO.	FROM	SIGNAL NAME	TO	FUNCTION	COLOR	LENGTH	AWG
15	P20	D0	B25		Wht.	32	
16	P21	CONTROL 2	B11		Wht.	32	
17	P22	INC HD	B53		Wht.	32	
18	P26	BIT COUNT	A47		Wht.	32	
19	P27	SKE	A63		Wht.	32	
20	P28	READ DATA	B67		Wht.	32	
21	P29	DATA	B54		Wht.	32	
22	P30	FORMAT	A78		Wht.	32	
23	P31	ATTEN 3	A79		Wht.	32	
24	P33	CONTROL 1	A49		Wht.	32	
25	P34	CYL	B38		Wht.	32	
26	P35	BUS7	B48		Wht.	32	
27	P36	BUS3	B49		Wht.	32	
28	P37	ATTEN 0	A81		Wht.	32	
29	P38	DATA STROBE	B15		Wht.	32	
30	P39	ATTEN 2	A83		Wht.	32	
31	P40	BUS0	A86		Wht.	32	
32	P41	INC SC	B13		Wht.	32	
33	P42	HD + DIR	B19		Wht.	32	
34	P43	D1	B23		Wht.	32	
35	P45	CUR	B27		Wht.	32	
36	P46	ATTEN 1	A85		Wht.	32	
37	P47	BUS5	A87		Wht.	32	
38	P49	S8	B51		Wht.	32	
39	P50	GND	A99		Blk.	32	
40	P44	CPU RESET	B31		Wht.	32	
41	P3	ADAPT DONE	B69		Wht.	32	
42	P32	+5V SENSE	B36		Wht.	32	

THIS DRAWING AND SPECIFICATIONS HEREAFTER ARE THE PROPERTY OF DATA GENERAL CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR MANUFACTURE OR SALE OF ANY EQUIPMENT WITHOUT PERMISSION.

REVISIONS				
REV	DESCRIPTION	DATE	APP. BY	DATE
01	SEE ECO 800	1A	JK	2-7
02	SEE ECO 842	1A	JK	5-7

**CENTRAL PROCESSOR  
MODEL NO.**

**INTERNAL CABLE**

MODEL NO.	DESCRIPTION	WIRE LIST NO.	WIRE ASSY. NO.	LENGTH
4001	(7 Slot Nova)	008-000162	005-000842	32"
4024	(7 Slot Exp)	008-000162	005-000842	32"
8001	(7 Slot SN)	008-000162	005-000842	32"
8024	(7 Slot Exp SN)	008-000162	005-000842	32"
8101	(7 Slot 1200)	008-000111	005-000469	20"
8201	(7 Slot 800)	008-000111	005-000469	20"
8124	(17 Slot 1200)	008-000111	005-000469	20"
8224	(17 Slot 800)	008-000111	005-000469	20"
8131 thru 8138	(4 Slot 1210)	008-000193	005-000878	24"
8251 thru 8258	(10 Slot 820)	008-000193	005-000878	24"
8151 thru 8158	(10 Slot 1220)	008-000193	005-000878	24"

**NOTE:** If customer slot 9 is used for interface, note internal cable is wired in by etch (820 and 1220).

<small>UNLESS OTHERWISE SPECIFIED— DIMENSIONS ARE IN INCHES TOLERANCES ON FRACTIONS DECIMALS ANGLES X.X ± X.XX ± X PARTS TO BE FREE FROM BURRS BREAK ALL EDGES 010</small>	QTY	DESCRIPTION	PART NO
	DRAWN L. Kray 2/72	DATA GENERAL CORPORATION	
	CHECKED	TITLE	
	ENGINEER	4046 W/L Conf. Rules	
APPROVED	FIRST USED ON	SIZE CODE A 010	DRAWING NUMBER 000011
MATERIAL	FINISH	SHEET OF	REV 02