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# MASTER DRAWING LIST

DWG. NO.	REV. LET.	NO. OF SHEETS	TITLE
A-PL-DD11-A-0		1	PERIPHERAL MOUNTING PANEL
D-AD-7006533-0-0		2	WIRED ASSY
A-PL-7006533-0-0		1	WIRED ASSY
C-DI-DD11-A-1		1	DRAWING INDEX
D-IC-DD11-A-2	A	1	DD11-A BUS & POWER CONNECTIONS
D-MU-DD11-A-3	A	1	MODULE UTILIZATION
A-PL-DD11-A-3	A	1	MODULE UTILIZATION
K-WL-DD11-A-4	EC	*	WIRE LIST
* PRINT COMPLETE LISTING			
NOT SUPPLIED WITH PRINT SETS			
A-ML-7605715-0	REF	1	PICTORIAL WIRING OF DD11-A

REVISIONS				DRN. PAUL MARCOTTE	DATE 3/3/70	<b>digital</b> EQUIPMENT CORPORATION <small>MAYNARD, MASSACHUSETTS</small>
REV.	DATE	CHG. NO.	APP'D.	CHK'DAL PFYFFER	DATE 3/5/70	
A	8/70	00001	P.J.	ENG. <i>P.E. Danson</i>	DATE 3-27-70	TITLE PERIPHERAL MOUNTING PANEL
B	12/70	00002	P.J.	PROJ. ENG.	DATE	
C	9/71	00003	A.V.	PROD. <i>Thae D...</i>	DATE 3/30/70	
				FIRST USED ON	PDP 11	SIZE CODE
				SCALE		NUMBER
				SHEET 1 OF 1	DIST.	REV. EC





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### WIRE TABLE

ITEM NO	SIGNAL NAME	FROM PIN	TO PIN	COLOR	REMARKS
6	GROUND	A0302	A03E2	BLACK	24 AWG
		A03C2	A03D2		
		A03E2	A03F2	BLACK	
		A03N1	A03P1		
		A03R1	A03S1	BLACK	
		A03P1	A03R1		
		A03U1	A03V1	BLACK	
		A03S1	A03U1		
		A03F2	A03N1	BLACK	
		7	+5V	A03A2	
B01A2	C01A2				
A03H2	D01A2			RED	
A03J2	E01A2				
E01A2	F01A2			RED	
A03K2	B03A2				
B04A2	C04A2			RED	
A03L2	D04A2				
A03M2	E04A2			RED	
E04A2	F04A2				
8	-15V	A03B2	B02B2	BLUE	24 AWG
		A03B1	B02B2		
		A03C1	C01B2	BLUE	
		A03D1	D01B2		
		A03E1	E01B2	BLUE	
		A03F1	F01B2		
		A03H1	C04B2	BLUE	
		A03J1	D04B2		
		A03K1	E04B2	BLUE	
		A03L1	F04B2		

REVISIONS CHK CHANGE NO REV	FIRST USED ON OPTION / MODEL DD11-A		DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES DECIMALS FRACTIONS ANGLES ± .005 ± 1/64 ± 0°30' FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	GRN: <i>S. M. Stone</i> DATE: 10-21-70 CHKB: <i>A. Stone</i> DATE: 12/20/70 ENG: <i>W. E. Johnson</i> DATE: 3-27-70 PROJ. ENG: <i>W. E. Johnson</i> DATE: 3-27-70 PRD: <i>MacLennan</i> DATE: 3/25/70	digital EQUIPMENT CORPORATION WATSON, MASSACHUSETTS
	TITLE WIRED ASSY (DD11-A)		MATERIAL + +	NEXT HIGHER ASSY A-ML-DD11-A	SIZE CODE NUMBER REV. D AD 7006533-0-0
	SCALE 1/1		FINISH + +	SHEET 2 OF 2	DIST.
	DEC FORM NO. 100				

SIZE CODE NUMBER  
 D AD 7006533-0-0

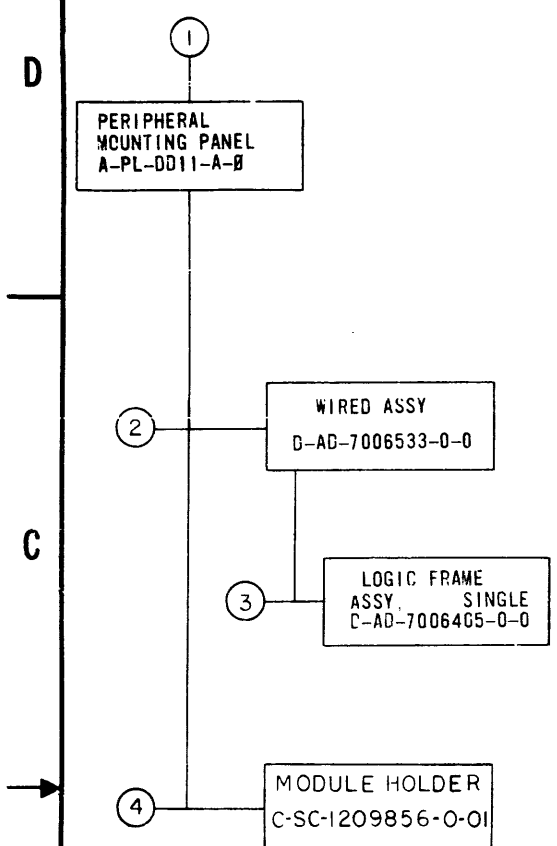
**DIGITAL EQUIPMENT CORPORATION**  
MAYNARD, MASSACHUSETTS  
**PARTS LIST**

MADE BY P. MARCOTTE	CHECKED K. RUSS	SECTION
DATE 10/2/69	DATE 10/21/69	1
ENG P. E. Jansson	PROD <i>Thompson</i>	ISSUED SECT.
DATE 3-27-70	DATE 3/30/70	1

ITEM NO	DWG NO. CL	PART NO. BASIC VAR.	DESCRIPTION	QTY VAR			UNIT COST	UNIT QUANTITY	QUANTITY ISSUED
1	D-AD-7006405-0-0		LOGIC FRAME ASSY SINGLE	1					
2	1205541		BUS STRIP	A/R					
3	9107560-03		#18 AWG BUS WIRE	A/R					
4	9107278-09		#18 TUBING TEFLON, WHITE	A/R					
5	9105740-44		#30 AWG SOLID KYNAR INS. WIRE, YEL	A/R					
6	9107470-00		#24 AWG SOLID KYNAR INS WIRE, BLK	A/R					
7	9107470-22		#24 AWG SOLID KYNAR INS WIRE, RED	A/R					
8	9107470-66		#24 AWG SOLID KYNAR INS WIRE, BLUE	A/R					
9	A-SS-7407846-0-0		LOGIC SERIAL # DECALS	1					
REF	K-WL-DD11-A-4		WIRE LIST						

TITLE	ASSY NO.	SIZE CODE	NUMBER	REV.	ECO NO.
WIRE ASSY (DD11-A)	D-AD-7006533-0-0	A PL	7006533-0-0		
	SHEET / OF /	DIST.			

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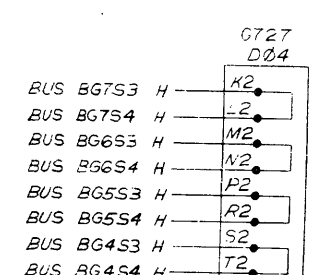
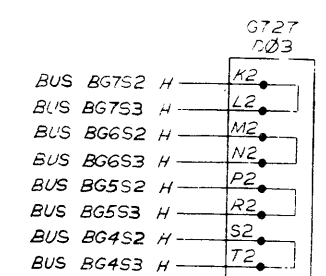
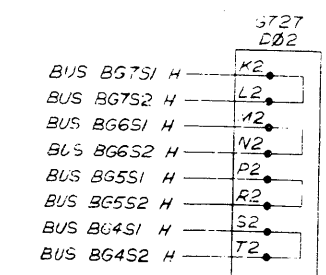
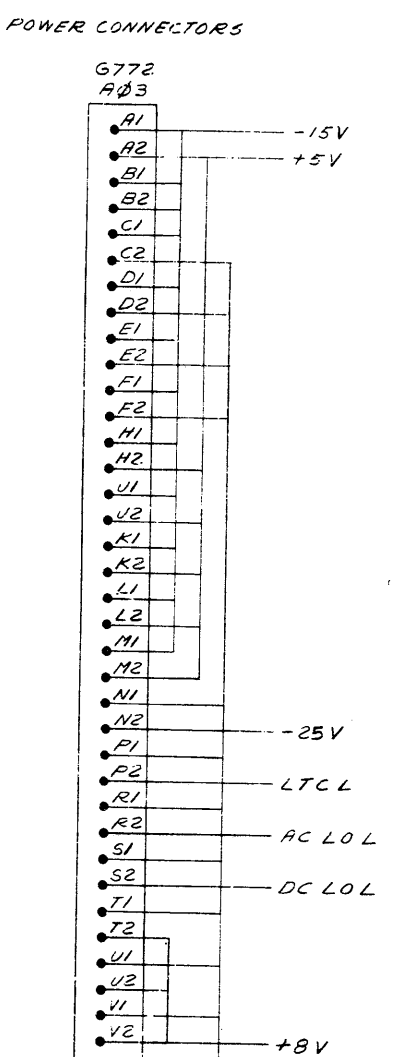
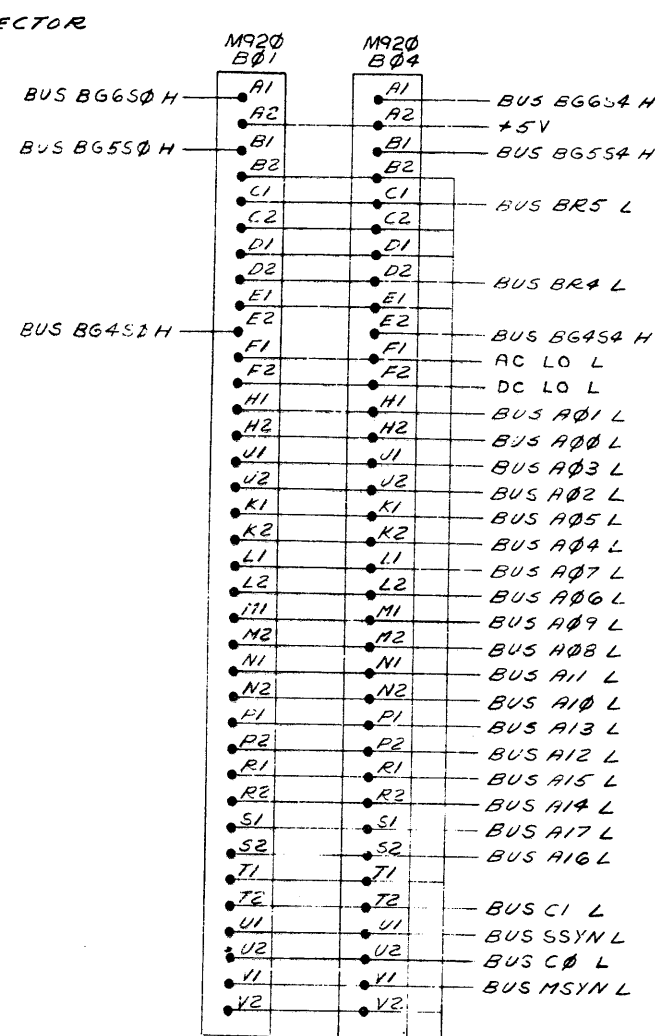
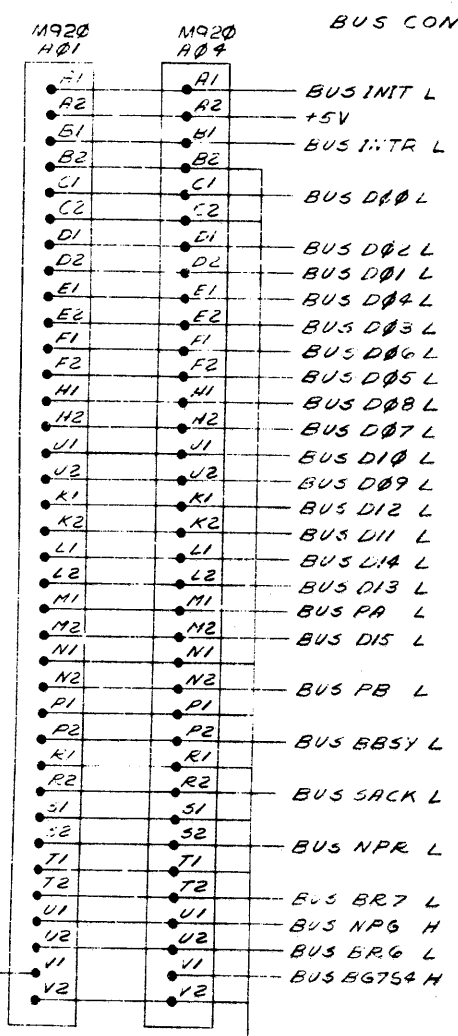
MECHANICAL			USAGE			ELECTRICAL			USAGE		
FIND NO.	DESCRIPTION	PART NO.	PROD	CUST	FC	FIND NO.	DESCRIPTION	PART NO.	PROD	CUST	FC
1.	PERIPHERAL MOUNTING PANEL	A-PL-DD11-A-B				1.	PERIPHERAL MOUNTING PANEL DD11-A BUS & POWER CONNECTIONS MODULE UTILIZATION MODULE UTILIZATION	A-ML-DD11-A D-IC-DD11-A-2 D-MU-DD11-A-3 A-PL-DD11-A-3			
2.	WIRED ASSY WIRED ASSY LOGIC SERIAL # DECALS	D-AD-7006533-0-0 A-PL-7006533-0-0 A-SS-7407846-0-0				2.	WIRED ASSY WIRE LIST	D-AD-7006533-0-0 K-WL-DD11-A-4			
3.	LOGIC FRAME ASSY, SINGLE LOGIC FRAME ASSY, SINGLE (PL) STRAP, SINGLE FRAME CONN BLOCK MTG FRAME	D-AD-7006405-0-0 A-PL-7006405-0-0 D-MD-7407511-0-0 D-IA-7407507-0-0									
4.	MODULE HOLDER	C SC 1209856-0-01									

REV.	
CHANGE NO.	
CHK	

FIRST USED ON OPTION/ MODEL PDP11	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
UNLESS OTHERWISE SPECIFIED	DRN. <i>S. Morcote</i>	DATE 10-14-69	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
UNLESS OTHERWISE SPECIFIED	CHK'D <i>W. H. H.</i>	DATE 3/11/70	TITLE	
TOLERANCES	ENG. <i>P. E. Johnson</i>	DATE 3/27/70	DRAWING INDEX (DD11-A)	
DECIMALS ± .005	PROJ. ENG. <i>P. E. Johnson</i>	DATE 3/27/70	SIZE CODE NUMBER REV.	
FRACTIONS ± 1/64	PRD. <i>MacDonald</i>	DATE 3/27/70	C DI DD11-A-1	
ANGLES ± 0°30'	MATERIAL	NEXT HIGHER ASSY	DIST. G	
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	FINISH	A-ML-DD11-A	SHEET 1 OF 1	
		SCALE NONE		

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DDII-A-2 2



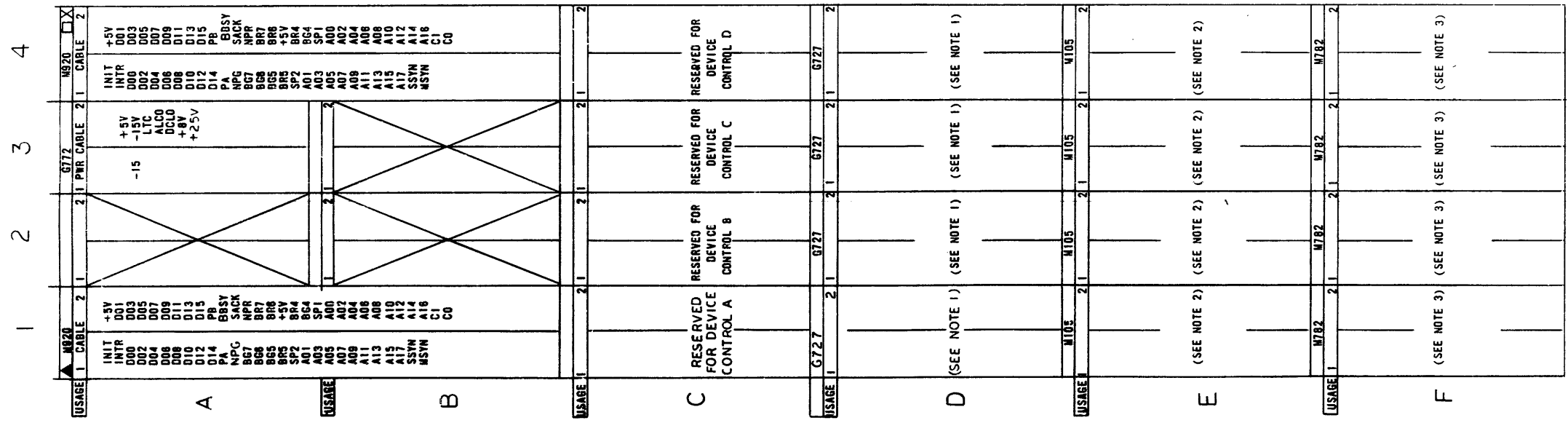
REVISIONS  
 1  
 2  
 3  
 4  
 5  
 6  
 7  
 8

FIRST USED OR OPTION/MODEL	QTY	DESCRIPTION	PART NO.	ITEM NO.
DDII-A				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED	DRN	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
UNLESS OTHERWISE SPECIFIED	CHKD	DATE	TITLE DDII-A BUS & POWER CONNECTIONS	
DIMENSION IN INCHES	ENG	DATE		
TOLERANCES	PROJ	DATE		
DECIMALS FRACTIONS ANGLES	PROD	DATE		
± .005 ± .001 ± .0150			MATERIAL NEXT HIGHER ASSY	
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS			FINISH	
			SCALE NONE	
			SHEET 2 OF	
			DIST.	
			SIZE CODE NUMBER REV D I C DDII-A-2 A	

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- NOTES:
1. WHEN ADDITIONAL DEVICE CONTROL IS REQD REMOVE G727 MODULE AND REPLACE WITH REQD MODULE.
  2. THE M105 IS INSERTED WITH THE ASSOCIATED DEVICE CONTROL.
  3. THE M782 IS INSERTED WITH THE ASSOCIATED DEVICE CONTROL.

- IF END OF BUS REPLACE M920 WITH M930.
- ✕ IF LAST UNIT IN BASIC BOX REPLACE M920 WITH BC11A CABLE END WHEN EXPANDING TO PERIPHERAL BOX.
- ▲ IF FIRST UNIT IN EXPANDER BOX REPLACE M920 WITH BC11A CABLE END.



CHK	REVISIONS	CHANGE NO.	REV.
	DD11A-00003	A	
	JANSON		

FIRST USED ON OPTION/MODEL  
PDP11

DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED	DATE: 2-17-70
DIMENSION IN INCHES	DATE: 7/13/70
TOLERANCES	DATE: 3-27-70
DECIMALS FRACTIONS ANGLES	DATE: 3-27-70
± .008 ± 1/64 ± 0°30'	DATE: 3-27-70
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	DATE: 3-27-70
MATERIAL	NEXT HIGHER ASSY
FINISH	A-ML-DD11-A
SCALE NONE	SIZE CODE NUMBER
SHEET 1 OF 1	DMU DD11-A-3

QTY.	DESCRIPTION	PART NO.	ITEM NO.
	MODULE UTILIZATION		


SIZE CODE NUMBER 2 1





DRWG NO	REV LTR
K-WL-DDII-A-4	C

REVISIONS			
REV LTR	ECO NO	DATE	ENG
A	DDIIA-00001	8-21-70	<i>[Signature]</i>
B	DDIIA-00002	2-3-71	<i>[Signature]</i>
C	DDIIA-00003	9-20-71	<i>[Signature]</i>

DRAWN <i>B. Moratto</i>	DATE 10-8-69		TITLE WIRE LIST (DDII-A)		
CHECKED <i>K. Russ</i>	DATE 10/31/69		FOR TAPE* FILE*		
ENG <i>P.E. Janan</i>	DATE 3-27-70		ASSY NO D-AD-7006533-0-0	SIZE K	CODE WL
PROJ ENG <i>P.E. Janan</i>	DATE 3-27-70		SCALE NONE	DWG. NO. DDII-A-4	REV LTR C
PRD <i>thac Dind</i>	DATE 3/30/70		SHEET   OF	DIST.	







DD11-A,C RUN NAME	HND288.V13 A/P PIN ORDER NAME	11/4/71 ORDER PIN	BAY - ORDER	Q	DRAW	RV	PG	Y	X	Z	REMARKS	9-DEC-71	LENGTH	EXCEPTIONS	PAGE 7	RUN NUMBER
BUS A11	L	B01N1	1-01 *							2						61
BUS A11	L	B04N1	1-02 *							1						61
BUS A11	L	E04L1	1-03 *										13-4/8			61
BUS A12	L	B01P2	1-01 *							2						62
BUS A12	L	B04P2	1-02 *							1						62
BUS A12	L	E04C1	1-03 *							2						62
BUS A12	L	E03C1	1-04 *							1						62
BUS A12	L	E02C1	1-05 *							2						62
BUS A12	L	E01C1	1-06 *													62
BUS A13	L	B01P1	1-01 *							2						63
BUS A13	L	B04P1	1-02 *							1						63
BUS A13	L	E04K2	1-03 *										13-4/8			63
BUS A14	L	B01R2	1-01 *							2						64
BUS A14	L	B04R2	1-02 *							1						64
BUS A14	L	E04K1	1-03 *							2						64
BUS A14	L	E03K1	1-04 *							1						64
BUS A14	L	E02K1	1-05 *							2						64
BUS A14	L	E01K1	1-06 *													64
BUS A15	L	B01R1	1-01 *							2						65
BUS A15	L	B04R1	1-02 *							1						65
BUS A15	L	E04D2	1-03 *										12-6/8			65
BUS A16	L	B01S2	1-01 *							2						66
BUS A16	L	B04S2	1-02 *							1						66
BUS A16	L	E04E2	1-03 *										12-4/8			66
BUS A17	L	B01S1	1-01 *							2						67
BUS A17	L	B04S1	1-02 *							1						67
BUS A17	L	E04D1	1-03 *							2						67
BUS A17	L	E03D1	1-04 *							1						67
BUS A17	L	E02D1	1-05 *							2						67
BUS A17	L	E01D1	1-06 *													67
BUS A17	L												20-6/8			67

DD11-A,C RUN NAME	HND288.V13 A/P PIN ORDER NAME	11/4/71 ORDER PIN	BAY - ORDER	Q	DRAW	RV	PG	Y	X	Z	REMARKS	9-DEC-71	LENGTH	EXCEPTIONS	PAGE 8	RUN NUMBER
BUS BBSY	L	F01D1	1-01 *							1						68
BUS BBSY	L	A01P2	1-02 *							2						68
BUS BBSY	L	A04P2	1-03 *										18-2/8			68
BUS BG4S0	H	B01E2	1-01 *							1	BUS GRANT IN					69
BUS BG4S0	H	D01S2	1-02 *								GRANT IN					69
BUS BG4S1	H	D01T2	1-01 *							1	GRANT OUT					70
BUS BG4S1	H	D02S2	1-02 *								GRANT IN					70
BUS BG4S2	H	D02T2	1-01 *							1	GRANT OUT					71
BUS BG4S2	H	D03S2	1-02 *								GRANT IN					71
BUS BG4S3	H	D03T2	1-01 *							1	GRANT OUT					72
BUS BG4S3	H	D04S2	1-02 *								GRANT IN					72
BUS BG4S4	H	B04E2	1-01 *							1	BUS GRANT OU					73
BUS BG4S4	H	D04T2	1-02 *								GRANT OUT					73
BUS BG5S0	H	B01B1	1-01 *							1	BUS GRANT IN					74
BUS BG5S0	H	D01P2	1-02 *								GRANT IN					74
BUS BG5S1	H	D01R2	1-01 *							1	GRANT OUT					75
BUS BG5S1	H	D02P2	1-02 *								GRANT IN					75
BUS BG5S2	H	D02R2	1-01 *							1	GRANT OUT					76
BUS BG5S2	H	D03P2	1-02 *								GRANT IN					76
BUS BG5S3	H	D03R2	1-01 *							1	GRANT OUT					77
BUS BG5S3	H	D04P2	1-02 *								GRANT IN					77
BUS BG5S4	H	B04B1	1-01 *							1	BUS GRANT OU					78
BUS BG5S4	H	D04R2	1-02 *								GRANT OUT					78
BUS BG5S4	H												9-2/8			78



DD11-A,C RUN NAME	HND288.V13 11/4/71 A/P PIN ORDER PIN	BAY - ORDER	Q	DRAW	RV	PG	Y	X	Z	REMARKS	9-DEC-71	LENGTH	EXCEPTIONS	PAGE 11	RUN NUMBER
BUS D03	L	F01L1							1						98
BUS D03	L	C01T2							2						98
BUS D03	L	C02T2							1						98
BUS D03	L	C03T2							2						98
BUS D03	L	C04T2							1						98
BUS D03	L	A04E2							2						98
BUS D03	L	A01E2							1						98
BUS D04	L	F01N2							2			30-6/8			98
BUS D04	L	C01N2							1						99
BUS D04	L	A01E1							2						99
BUS D04	L	A04E1							1						99
BUS D05	L	F04F1							2						100
BUS D05	L	F03F1							1						100
BUS D05	L	F02F1							2						100
BUS D05	L	F01F1							1						100
BUS D05	L	C01P2							2						100
BUS D05	L	A01F2							1						100
BUS D05	L	A04F2							1						100
BUS D06	L	F01F2							2			30-0/8			101
BUS D06	L	C01V2							1						101
BUS D06	L	A01F1							2						101
BUS D06	L	A04F1							1						101
BUS D07	L	F01M1							2			21-6/8			101
BUS D07	L	C01M2							1						102
BUS D07	L	A01M2							2						102
BUS D07	L	A04M2							1						102
BUS D08	L	F01K1							2			21-6/8			103
BUS D08	L	C01L2							1						103
BUS D08	L	A01H1							2						103
BUS D08	L	A04H1							1						103
BUS D09	L	C01K2							1			22-4/8			104
BUS D09	L	A01J2							2						104
BUS D09	L	A04J2							1						104

DD11-A,C RUN NAME	HND288.V13 11/4/71 A/P PIN ORDER PIN	BAY - ORDER	Q	DRAW	RV	PG	Y	X	Z	REMARKS	9-DEC-71	LENGTH	EXCEPTIONS	PAGE 12	RUN NUMBER
BUS D10	L	C01J2							1						105
BUS D10	L	A01J1							2						105
BUS D10	L	A04J1							1			11-4/8			105
BUS D11	L	C01H1							2						106
BUS D11	L	C02H1							1						106
BUS D11	L	C03H1							2						106
BUS D11	L	C04H1							1						106
BUS D11	L	A04K2							2						106
BUS D11	L	A01K2							1			19-4/8			106
BUS D12	L	C01H2							1						107
BUS D12	L	A01K1							2						107
BUS D12	L	A04K1							1						107
BUS D13	L	C01F2							1						108
BUS D13	L	A01L2							2			11-2/8			108
BUS D13	L	A04L2							1						108
BUS D14	L	C01E2							1			10-6/8			109
BUS D14	L	A01L1							2						109
BUS D14	L	A04L1							1						109
BUS D15	L	C01D2							1			10-6/8			110
BUS D15	L	A01M2							2						110
BUS D15	L	A04M2							1						110
BUS INIT	L	D01L1							1			10-4/8			111
BUS INIT	L	A01A1							2						111
BUS INIT	L	A04A1							1						111
BUS INTR	L	F01M1							1			15-2/8			112
BUS INTR	L	A01B1							2						112
BUS INTR	L	A04B1							1			20-4/8			112



DD11-A,C RUN NAME	HND288.V13 11/4/71 A/P PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW	RV	PG	Y	X	Z	REMARKS	9-DEC-71 LENGTH	EXCEPTIONS	PAGE 13	RUN NUMBER
BUS MSYN	L	E01E1	1-01 *							2					113
BUS MSYN	L	E02E1	1-02 *							1					113
BUS MSYN	L	E03E1	1-03 *							2					113
BUS MSYN	L	E04E1	1-04 *							1					113
BUS MSYN	L	B01V1	1-05 *							2					113
BUS MSYN	L	B01V1	1-06 *							1		20-4/8			113
BUS NPC	H	A01U1	1-01 *							1					114
BUS NPC	H	A04U1	1-02 *							1		3-6/8			114
BUS NPC	L	A01S2	1-01 *							1					115
BUS NPR	L	A04S2	1-02 *							1		3-6/8			115
BUS PA	L	A01M1	1-01 *							1					116
BUS PA	L	A04M1	1-02 *							1		3-6/8			116
BUS PA	L	A01N2	1-01 *							1					117
BUS PB	L	A04N2	1-02 *							1		3-6/8			117
BUS SACK	L	F01T2	1-01 *							2					118
BUS SACK	L	F02T2	1-02 *							1					118
BUS SACK	L	F03T2	1-03 *							2					118
BUS SACK	L	F04T2	1-04 *							1					118
BUS SACK	L	A01R2	1-05 *							2					118
BUS SACK	L	A01R2	1-06 *							1		27-6/8			118
BUS SSYN	L	F01C1	1-01 *							2					119
BUS SSYN	L	F02C1	1-02 *							1					119
BUS SSYN	L	F03C1	1-03 *							2					119
BUS SSYN	L	F04C1	1-04 *							1					119
BUS SSYN	L	E04J1	1-05 *							2					119
BUS SSYN	L	E03J1	1-06 *							1					119
BUS SSYN	L	E02J1	1-07 *							2					119
BUS SSYN	L	E01J1	1-08 *							1					119
BUS SSYN	L	B01U1	1-09 *							2					119
BUS SSYN	L	B04U1	1-10 *							1		33-6/8			119
C IN	H	D03H1	1-01 *							1					120
C IN	H	E03H1	1-02 *							1		5-2/8			120
C IN	L														120

DD11-A,C RUN NAME	HND288.V13 11/4/71 A/P PIN NAME	ORDER PIN	BAY - ORDER	Q	DRAW	RV	PG	Y	X	Z	REMARKS	9-DEC-71 LENGTH	EXCEPTIONS	PAGE 14	RUN NUMBER
C INT A	H	D03N1	1-01 *							1					121
C INT A	H	F03U1	1-02 *							1		8-2/8			121
C INT A	L														121
C INT B	H	C03J1	1-01 *							1					122
C INT B	H	F03K2	1-02 *							1		10-4/8			122
C INT B	L														122
C INT ENB A	H	D03M1	1-01 *							1					123
C INT ENB A	H	F03V1	1-02 *							1		8-4/8			123
C INT ENB A	L														123
C INT ENB B	H	C03L1	1-01 *							1					124
C INT ENB B	H	F03H2	1-02 *							1		10-0/8			124
C INT ENB B	L														124
C OUT HIGH	H	D03K1	1-01 *							1					125
C OUT HIGH	H	E03M2	1-02 *							1		5-2/8			125
C OUT HIGH	L														125
C OUT LOW	H	D03D1	1-01 *							1					126
C OUT LOW	H	E03N1	1-02 *							1		5-6/8			126
C OUT LOW	L														126
C SELECT 0	H	D03F1	1-01 *							1					127
C SELECT 0	H	E03S2	1-02 *							1		6-0/8			127
C SELECT 0	L														127
C SELECT 2	H	D03J1	1-01 *							1					128
C SELECT 2	H	E03T2	1-02 *							1		6-0/8			128
C SELECT 2	L														128
C SELECT 4	H	D03E1	1-01 *							1					129
C SELECT 4	H	E03R2	1-02 *							1		6-2/8			129
C SELECT 4	L														129
C SELECT 6	H	D03C1	1-01 *							1					130
C SELECT 6	H	E03S1	1-02 *							1		6-2/8			130
C SELECT 6	L														130
C SSYN INHIBIT	L	D03V1	1-01 *							1					131
C SSYN INHIBIT	L	E03B1	1-02 *							1		2-6/8			131
C SSYN INHIBIT	L														131
C01A1	L	C01A1	1-01 *							1					132
C01A1	L	C02A1	1-02 *							1		2-6/8			132
C01A1	L														132

*X to D03L1 BUS INHIBIT*  
*Modify*  
*to A03P2 LTC*  
*June 1978*





DD11-A,C RUN NAME	A/P	PIN NAME	HND289.V13 11/4/71 ORDER PIN	BAY - ORDER	0	DRAM	RV	PG	Y	X	Z	REMARKS	9-DEC-71	22:38	LENGTH	EXCEPTIONS	PAGE 19	RUN NUMBER
F01C2		F01T1		1-01 *							1							175
F01C2		F01C2		1-02 *							2							175
F01C2		F01J2		1-03 *											7-0/8			175
F01L2		F01L2		1-01 *							1	INTR DONE A						176
F01L2		F01R1		1-02 *								CLEAR A						176
F01M2		F01M2		1-01 *							1	INTR DONE B						177
F01M2		F01S1		1-02 *								CLEAR B						177
F01N1		F01N1		1-01 *							1	MASTER A						178
F01N1		F01R2		1-02 *							2	START INTR A						178
F01N1		F01D2		1-03 *								VECTOR BIT 2						178
F01S2		F01P2		1-01 *							1	START INTR B						179
F01S2		F01S2		1-02 *								MASTER B						179
F01V2		F01E1		1-01 *							1	BG IN B						180
F01V2		F01V2		1-02 *								BG OUT A						180
F02C2		F02T1		1-01 *							1							181
F02C2		F02C2		1-02 *							2							181
F02C2		F02J2		1-03 *														181
F02L2		F02L2		1-01 *							1	INTR DONE A						182
F02L2		F02R1		1-02 *								CLEAR A						182
F02M2		F02M2		1-01 *							1	INTR DONE B						183
F02M2		F02S1		1-02 *								CLEAR B						183
F02N1		F02N1		1-01 *							1	MASTER A						184
F02N1		F02R2		1-02 *							2	START INTR A						184
F02N1		F02D2		1-03 *								VECTOR BIT 2						184
F02S2		F02P2		1-01 *							1	START INTR B						185
F02S2		F02S2		1-02 *								MASTER B						185
F02S2																		185

DD11-A,C RUN NAME	A/P	PIN NAME	HND289.V13 11/4/71 ORDER PIN	BAY - ORDER	0	DRAM	RV	PG	Y	X	Z	REMARKS	9-DEC-71	22:38	LENGTH	EXCEPTIONS	PAGE 20	RUN NUMBER
F02V2		F02E1		1-01 *							1	BG IN B						186
F02V2		F02V2		1-02 *								BG OUT A						186
F03C2		F03T1		1-01 *							1							187
F03C2		F03C2		1-02 *							2							187
F03C2		F03J2		1-03 *														187
F03L2		F03L2		1-01 *							1	INTR DONE A						188
F03L2		F03R1		1-02 *								CLEAR A						188
F03M2		F03M2		1-01 *							1	INTR DONE B						189
F03M2		F03S1		1-02 *								CLEAR B						189
F03N1		F03N1		1-01 *							1	MASTER A						190
F03N1		F03R2		1-02 *							2	START INTR A						190
F03N1		F03D2		1-03 *								VECTOR BIT 2						190
F03S2		F03P2		1-01 *							1	START INTR B						191
F03S2		F03S2		1-02 *								MASTER B						191
F03V2		F03E1		1-01 *							1	BG IN B						192
F03V2		F03V2		1-02 *								BG OUT A						192
F04C2		F04T1		1-01 *							1							193
F04C2		F04C2		1-02 *							2							193
F04C2		F04J2		1-03 *														193
F04L2		F04L2		1-01 *							1	INTR DONE A						194
F04L2		F04R1		1-02 *								CLEAR A						194
F04M2		F04M2		1-01 *							1	INTR DONE B						195
F04M2		F05S1		1-02 *								CLEAR B						195
F04N1		F04N1		1-01 *							1	MASTER A						196
F04N1		F04R2		1-02 *							2	START INTR A						196
F04N1		F04D2		1-03 *								VECTOR BIT 2						196

DD11-A.C RUN NAME	HND288.V13 A/P PIN NAME	11/4/71 ORDER PIN	BAY - ORDER	Q	DRAW	RV	PG	Y	X	Z	REMARKS	9-DEC-71 LENGTH	22138 EXCEPTIONS	PAGE 21 RUN NUMBER
F04S2	F04P2		1-01 *							1	START INTR B			197
F04S2	F04S2		1-02 *								MASTER B			197
F04S2			1									2-4/8		197
F04V2	F04E1		1-01 *							1	BC IN B			198
F04V2	F04V2		1-02 *								BC OUT A			198
F04V2			1									4-2/8		198

WIRE WRAP  
RUN NAME

HND285.V13 11/4/71  
A/P PIN ORDER BAY -  
NAME PIN ORDER

ERROR LISTING

0 DRAM RV PG Y X Z REMARKS 9-DEC-71 22138 PAGE 1  
LENGTH EXCEPTIONS RUN  
NUMBER