

CUSTOMER PRINT SET INDEX

THIS IS PRINT SET

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DRAWING DIRECTORY
 CIRCUIT SCHEMATIC
 $\pm 5V$ REGULATOR
 CIRCUIT SCHEMATIC
 $\pm 15V$ REGULATOR
 CIRCUIT SCHEMATIC

SEQUENCE

TB-DD-H743-~~0~~ SHEET #1 ONLY

D-CS-H743-~~0~~-1

E-1A-5409503-0-0

D-CS-5409503-0-1

E-1A-5409484-0-0

D-CS-5409484-0-1

SEQUENCE

MFG PRINTS

POWER SUPPLY	D-UA-H743-0-0
POWER SUPPLY (PL)	A-PL-H743-0-0
DRAWING DIRECTORY	B-DD-H743-0-0
PACKAGING INSTRUCTION	A-PI-3700130-0-0

UNIT VARIATIONS

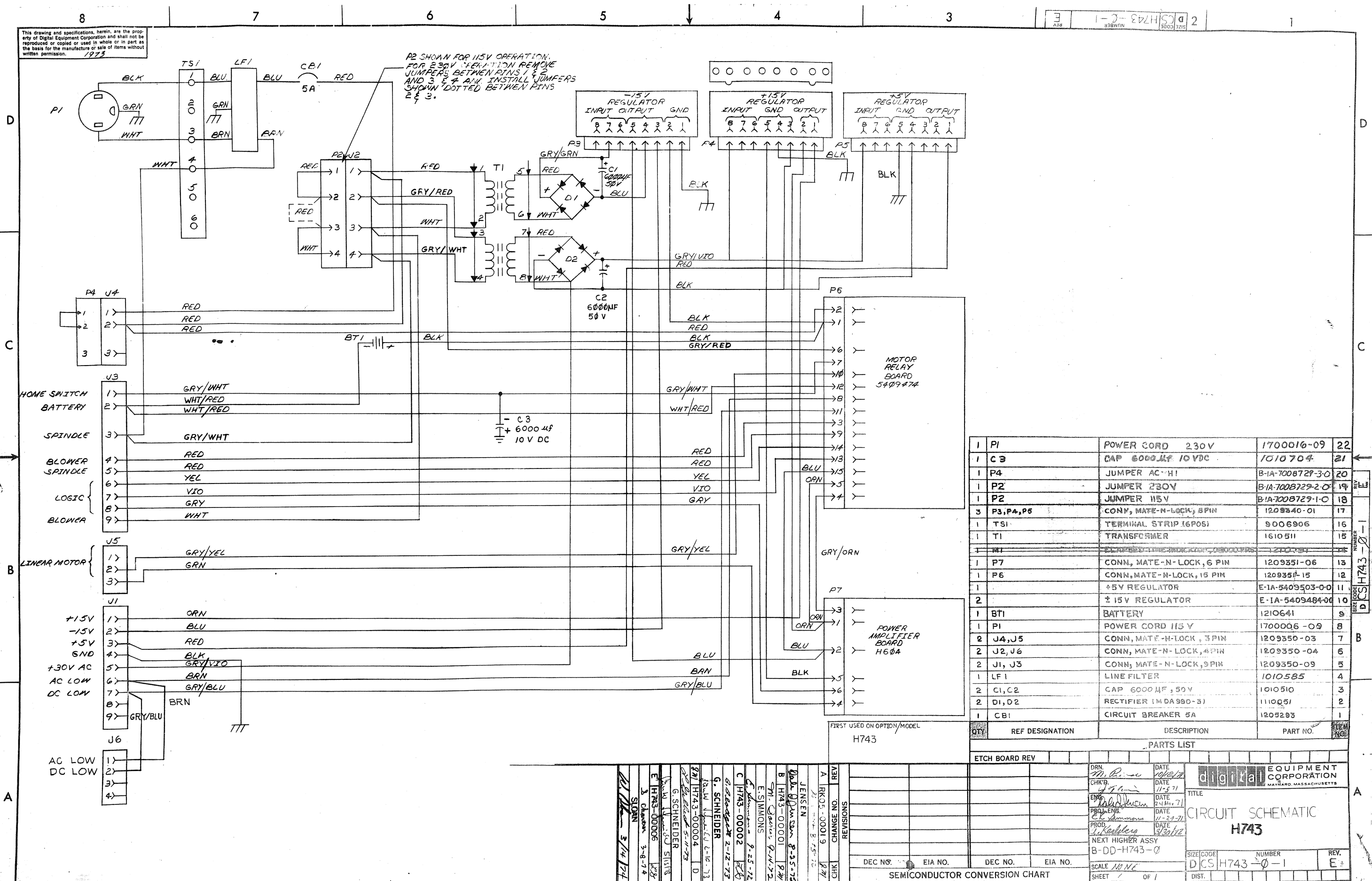
PRINT SET TYPE

[illegible]

REVISIONS		DATE	CHG. NO.	REV
		8/72	RK05-19	A
		8-72	H743-1	B
		2-10-72	H743-2	C
			H743-3	D
		5-13-72	H743-4	E
		12-17-72	H743-5	F
		2-74	H743-6	H
		6-74	H743-7	J
		3-75	H743-10	K

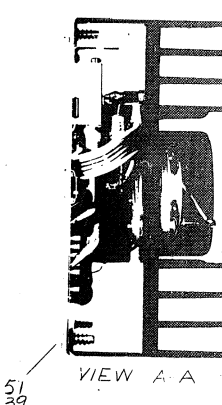
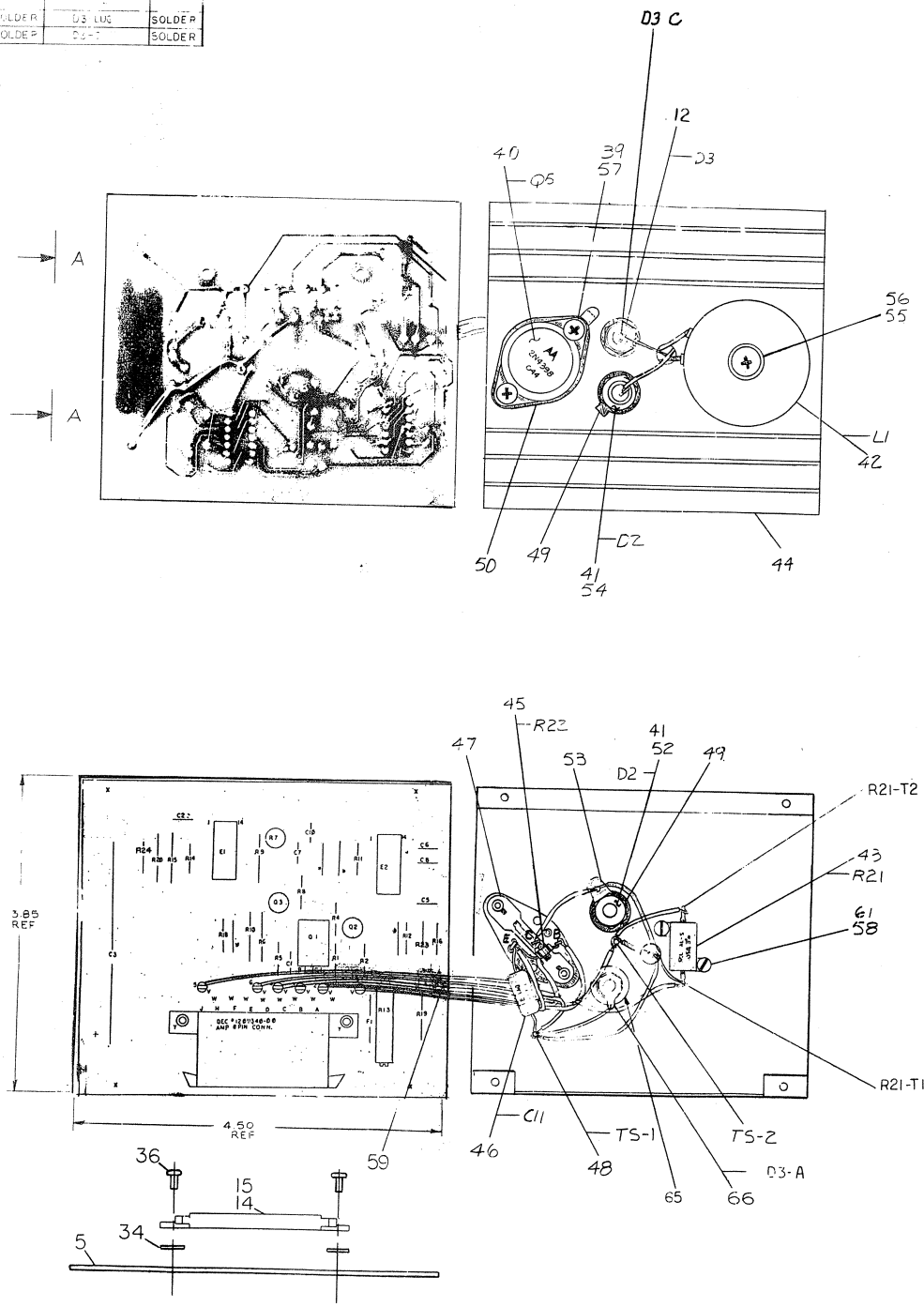
USED ON OPTION/MODEL		DRN.	DATE	TITLE			
RK05		J. FLEMING	12/16/71	POWER SUPPLY (H743)			
		CHK'D.	DATE				
		PROJ ENG.	DATE				
		PROD.	DATE	SIZE	CODE	NUMBER	REV
		FIELD SERV.	DATE	B	DD	H743-0	K
		SHEET 1 OF 3		DIST	6		

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EXTERNAL COMPONENTS LIST					
ITEM NO	DESCRIPTION	QOL	FROM	TO	POL
15	RES 005214N		Q5-E	Q5-B	
16	CAP 1uF 100V	+	Q5-E	T5-1	-

REF	DESIGNATION	DESCRIPTION	PART NO
		SOLDER LUG	9006164
		1 4 FLAT WASHER	9006675
1	C6	CAP 330UF .10V	1006089
1	A R	WIRE 22 AWG TRACER HHT/GRN	9107400-5
2	R 8	WASHER INT TOOTH LUG # 2	9006631
1	A R	BUS WIRE 22 AWG	9107560-91
2		70 CONNECTOR CABLE	9107575
1	A R	SCR BINDING HD 2-583/16 SS1	9006000-4
2		SCR PHIL PAN HD 6-32X1/2 SST	9006624-1
1		SCR PHIL TRUSS HD 10-321 SST	9006077-3
1		WASHER INT TOOTH LUG #10	9006635
1		RUSHING	9004441
1		SOLDER LUG	9008150
2		NUT HEX#10-32	9005564
4		SCR PHIL PAN HD#6 32X3/8 S T	9008407
1		THERMAL INSULATOR	9008419
2		THERMAL INSULATOR	9008424
1	T51 T52	INSULATED TERM STANDOFF	9006626
1		TRANSISTOR SOCKET	1210130
1	C11	CAP 1 UF KOO-10	1005507
2	R22, R23	RES 100 5 1/4 W	1300929
1		HEAT SINK	07A-1500943-0-2
1	R21	RES 0 5 35 3/4	1310501
1	L1	120 UH COIL	1818751
1	D2	1N 3608 DIODE	1110491
1	O5	2N 4350 TRANSISTOR	1505970
8		WASHER INT TOOTH #6	9006633
1	R11	RES 27 1/4W 5	1301522
1	R11	RES 1 5K 1/4W 5	1300361
1		ELECTETS #A 1733 STIMPON	9006745
6		SP-11 LUGS	9006735
2	E1 E2	WASHER, NYLON	9006767
1	Q1	IC 723C D I P REGULATOR	1910419
1		TRANSISTOR D45C6 G E	1510414
2	O2 O3	TRANSISTOR BEC 65340	1503409-00
1	R8	RES 2 7M 1/4W 5	1300980
2	R9 R15	RES 3 83K 1/8W 1	1300413
1	R7	RES 1K 1/2W 20	1309150-3
1	R13	RES 1K 10 78BP	1309143-07
1	R20	RES 2 74K 1/8W 1 WF	1304868
1	R6	RES 2 61K 1/2W 1 WF	1303363
1	R19	RES 1K 1/8W 1 WF	1303114
1	R14	RES 56 1/4W 5	1302802
1	R5	RES 4 7K 1/2W 5	1300445
1	R4	RES 270 1/4W 5	1301972
3	R1 R2 R12	RES 4 1K 1/4W 5	1300442
1	R16	RES 330 1/4W 5	1300442
1	R24	RES 2 61K 1/2W 1 WF	1303363
1		CON. 2 1/2 W 100%	1204546
1		CON. 3 1/2 W 100%	1204546
1	F1	FUSE 5 AMPS	1204546
1	D3	DIODE IN4568B 5.6V	1204546
1	O8	CAP 02 10UF 010V-020V DISC	1000004
1	O3	CAP 330 UF 30V-100% ELEC	1010509
3	C1 C5 C10	CAP 01 10UF 100V 50% WICA	1008110
1	C7	CAP 1000 PF 100V 50% WICA	1000442
1	C2	CAP 1000 PF 100V 50% WICA	1000016
1	O6	88 PF 100V 50% WICA	1000014
1		EDIN CIRCUIT BOARD	5006950
1		MODULE OCE HISTORY	B-H-5409053-0-4
1		AXY DRILLING HOLE LOCATION	B-H-5409053-0-5
1		X-Y COORDINATE HOLE LOCATION	B-H-5409053-0-6
1		CIRCUIT SCHEMATIC	D-CS-5409053-0-1



FORM 13	CHK	REVISIONS	CHANGE NO.	REV.
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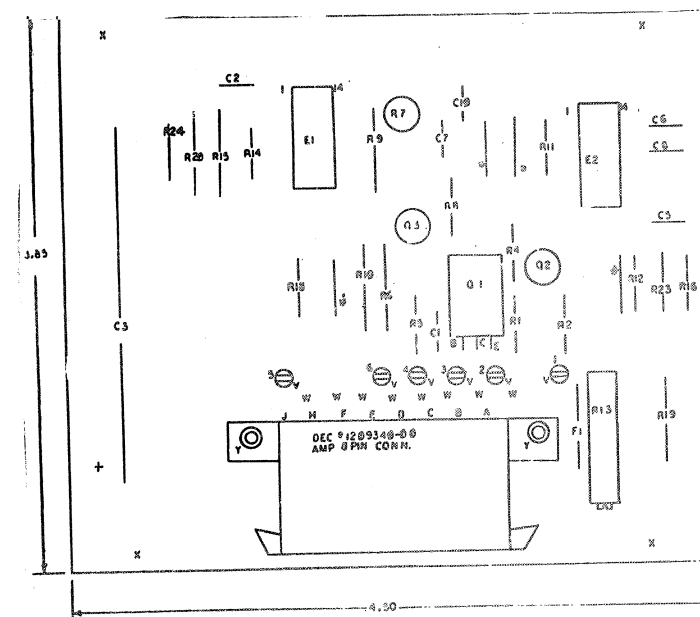
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100	5403503-000010	M	12/1

			N 3889	SAME
			2N4398	—
			D45C6	—
			2N4441	—
			DEC 6534 D	MPS 65
			1N752A	SAME
REV. NO	EIA NO		DEF. NO	EIA NO

SEMICONDUCTOR CONVERSION CHART

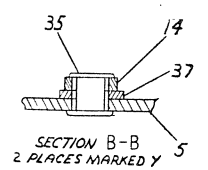
MODEL		PART NUMBER		REVISION	
UNLESS OTHERWISE SPECIFIED		QTY.	DATE	DIGITAL EQUIPMENT CORPORATION 1000 UNIVERSITY AVENUE BOSTON, MASSACHUSETTS	
UNLESS OTHERWISE SPECIFIED		QTY.	DATE		
DIMENSIONS IN INCHES		QTY.	DATE	TITLE + 5 VOLT POWER REGULATOR	
TOLERANCES		QTY.	DATE		
FRACTIONS ANGLES		QTY.	DATE	REV.	
.0005 = 1/64 .0005 = 1/32 .0005 = 1/64 .0005 = 1/32		QTY.	DATE		
FINISH SPEC. QUALITY REMOVE BURRS AND DEBurr SURFACES		QTY.	DATE	NUMBER 5409503-0-0	
MATERIAL		QTY.	DATE	FINISH	
FINISH		SCALE	QTY.	DATE	FINISH

DATE	CODE	CS	5409503-0-1	W
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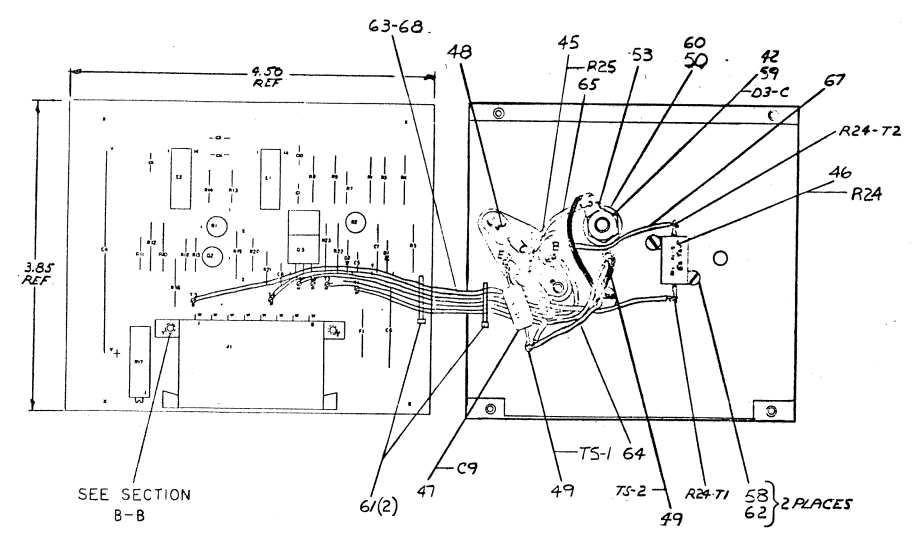
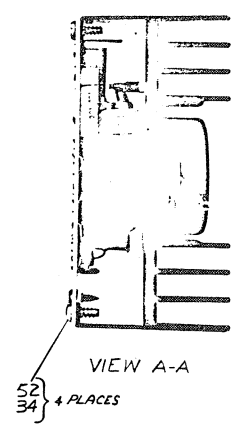
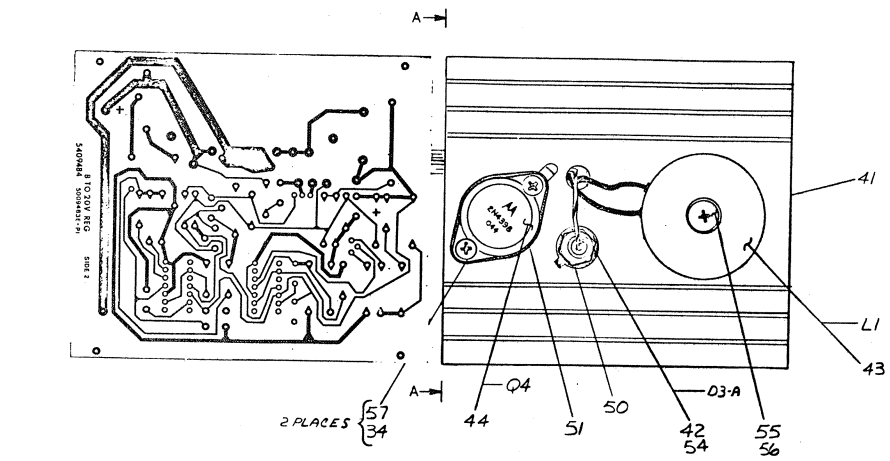


DRN S CORP	DATE 6-2-71	TRANSISTOR & DIODE CONVERSION CHART						TITLE 45 VOLT REGULATOR		
DESIGN WARY HENR	DATE 6-2-71	DEC	EIA	DEC	EIA	EQUIPMENT CORPORATION WASHINGTON, D.C. 20006-0025		DATE D CS	NUMBER 5409503-0-1	REV M
ENG W.S. JONES	DATE 6-2-71	060534C	NP3632	1N752A	SAI					
PROD	DATE	0403C		1N308S	SAI					
	DATE	214441								
	DATE	214330						PRINTED CIRCUIT REV.	F	

WIRE TABLE										EXTERNAL COMPONENTS									
ITEM NO.	AWG	COLOR	LENGTH INCHES	STRIP LENGTH	STRIP LENGTH	CONNECTIONS FROM	TO	ITEM NO.	LENGTH	DESCRIPTION	POL	CONNECTIONS FROM	TO	POL					
43	18	BLK	2 1/8	1/2	1/2	L1	03-A	45	1 1/2	RES 100-5W-5	G-B-E	03-B	03-B	-					
45	18	BLU	2 1/8	1/2	1/2	03-A	03-B	47	1 1/2	RES 100-5W-5	G-B-E	03-B	03-B	-					
47	18	GRY	2 1/8	1/2	1/2	03-B	03-C	49	1 1/2	RES 100-5W-5	G-B-E	03-C	03-C	-					
49	18	GRN	2 1/8	1/2	1/2	03-C	03-D	51	1 1/2	RES 100-5W-5	G-B-E	03-D	03-D	-					
51	18	WHT	2 1/8	1/2	1/2	03-D	03-E	53	1 1/2	RES 100-5W-5	G-B-E	03-E	03-E	-					
53	18	GRY	2 1/8	1/2	1/2	03-E	03-F	55	1 1/2	RES 100-5W-5	G-B-E	03-F	03-F	-					
55	18	WHT	2 1/8	1/2	1/2	03-F	03-G	57	1 1/2	RES 100-5W-5	G-B-E	03-G	03-G	-					
57	18	GRY	2 1/8	1/2	1/2	03-G	03-H	59	1 1/2	RES 100-5W-5	G-B-E	03-H	03-H	-					
59	18	GRN	2 1/8	1/2	1/2	03-H	03-I	61	1 1/2	RES 100-5W-5	G-B-E	03-I	03-I	-					
61	18	WHT	2 1/8	1/2	1/2	03-I	03-J	63	1 1/2	RES 100-5W-5	G-B-E	03-J	03-J	-					
63	18	GRY	2 1/8	1/2	1/2	03-J	03-K	65	1 1/2	RES 100-5W-5	G-B-E	03-K	03-K	-					
65	18	WHT	2 1/8	1/2	1/2	03-K	03-L	67	1 1/2	RES 100-5W-5	G-B-E	03-L	03-L	-					
67	18	GRY	2 1/8	1/2	1/2	03-L	03-M	69	1 1/2	RES 100-5W-5	G-B-E	03-M	03-M	-					
69	18	GRN	2 1/8	1/2	1/2	03-M	03-N	71	1 1/2	RES 100-5W-5	G-B-E	03-N	03-N	-					
71	18	WHT	2 1/8	1/2	1/2	03-N	03-O	73	1 1/2	RES 100-5W-5	G-B-E	03-O	03-O	-					
73	18	GRY	2 1/8	1/2	1/2	03-O	03-P	75	1 1/2	RES 100-5W-5	G-B-E	03-P	03-P	-					

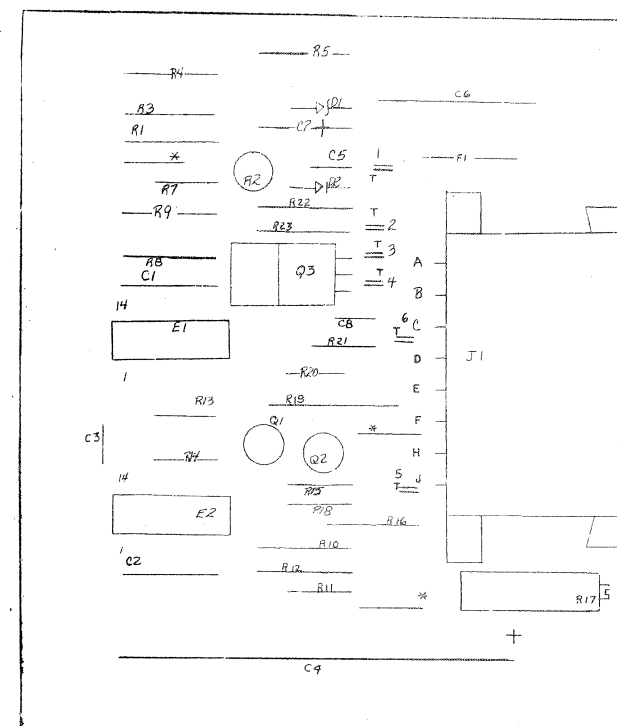
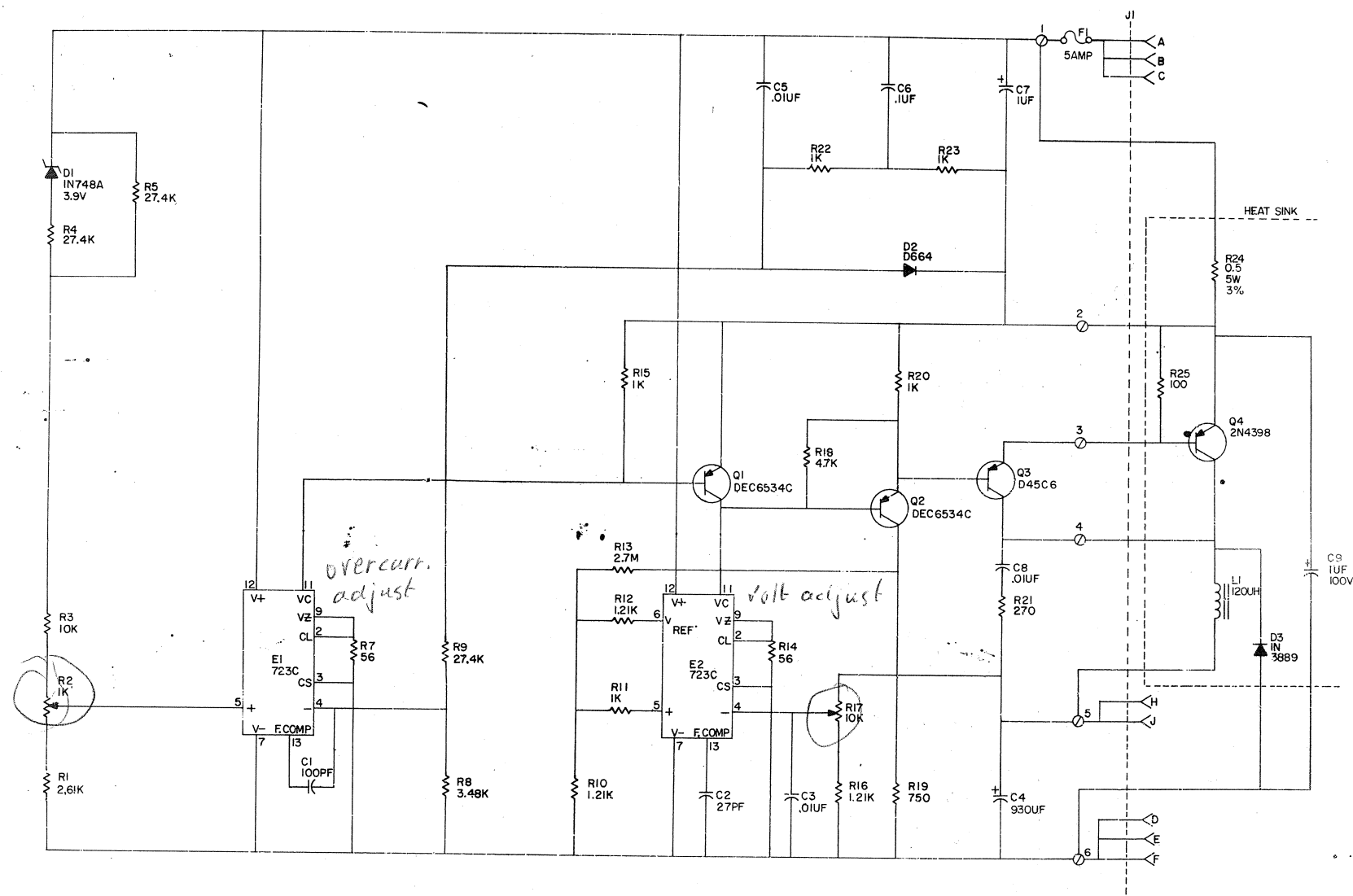


- NOTES
1. R17 IS USED FOR OUTPUT VOLTAGE ADJUSTMENT. R2 IS USED FOR OUTPUT POWER ADJUSTMENT.
 2. CUT LEADS OF RES (R25) SO THERE IS 3/8" OF A LEAD LEFT AT BOTH ENDS.
 3. CUT LEADS OF CAP (C9) SO THERE IS 1/2" OF A LEAD LEFT AT BOTH ENDS.
 4. THERMAL COMPOUND (ITEM #39) IS TO BE APPLIED TO BOTH SIDES OF ALL THERMAL INSULATORS (ITEM #30 & 31) BOTH SIDES OF EACH INSULATOR SHOULD BE COMPLETELY COVERED, LEAVING NO VOIDS WHEN INSTALLED. CARE MUST BE EXERCISED SO THAT NO EXTRA COMPOUND INTERFERES WITH ANY ELECTRICAL CONNECTION MADE TO ANY DEVICE.



QTY.	DESCRIPTION	PART NO.	REV.
1	8 TO 20V REGULATOR	4109484-0-0	1
DATE: 10/1/64 BY: J. J. J. CHECKED: J. J. J. APPROVED: J. J. J. TITLE: 8 TO 20V REGULATOR SCALE: AS SHOWN SHEET: 1 OF 1			

THIS SCHEMATIC IS FURNISHED ONLY FOR TEST AND MAINTENANCE PURPOSES. THE
CIRCUITS ARE PROPRIETARY IN NATURE AND SHOULD BE TREATED ACCORDINGLY
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QTY.	REF.	DESIGNATION	DESCRIPTION	QTY.	REF.	DESIGNATION	DESCRIPTION
			PARTS LIST				DEC PART NO.
1	R6		FOR FUTURE USE				
8			CONNECTOR PINS				1209456
1	J1		AMP 8 PIN CONNECTOR (MATE & LOCK)				1209340-op
1	F1		FUSE 5 AMPS				1209070
2			EYELET				9006745
6			SPLIT LUGS				9006735
2			WASHER, NYLON				9006707
2	R1, 2		DIP REGULATOR 723C				1209645
1	Q3		TRANSISTOR D450C				1209644
1	Q1, 2		TRANSISTOR DEC 5534C				1503409-02
1	R13		RES. 2.7K 1/2W 5%				1309680
1	R8		RES. 1K 1/2W 5%				1209592
3	R4, 9, 5		RES. 27.4K 1/2W 1% MF				1309412
1	R2		RES. VARIABLE 1K 1/2W				1309150-03
1	R17		RES. VARIABLE 10K 3/4W 1%				1309143-10
1	R6		RES. 20.3K 1/2W 1% MF				1309252
1	R9		RES. 3.48K 1/2W 1% MF				1305113
1	R3		RES. 10K 1/2W 1% MF				1303312
2	R22, 23		RES. 1K 1/2W 1% MF				1303114
1	R1		RES. 2.61K 1/2W 1% MF				1303303
3	R10, 12, 16		RES. 1.21K 1/2W 1% MF				1302871
2	R7, 14		RES. 56 1/2W 5%				1302602
1	R19		RES. 750 1/2W 5%				1302385
1	R21		RES. 270 1/2W 5%				1301972
1	R16		RES. 4.7K 1/2W 5%				1300447
3	P11, 15, 20		RES. 1K 1/2W 5%				1300365
1	D1		DIODE ZENER 1N748A 3.9V				1100122
1	D2		DIODE D661				1100114
1	C4		CAP. .03UF 30V -10C ±7.5%				10010509
1	C6		CAP. .1UF 100V 10% XYLAR				10012342
1	C7		CAP. .1UF 35V 10% S. TANT				1001176
1	C2		CAP. .27PF 100V 5% M.C.				1001739
3	C3, 5		CAP. .01UF 100V 20% EL.				1001610
1	C1		CAP. .100PF 100V 5% M.C.				1000016
1			ETCHED CIRCUIT BOARD				9003481
1			MODULE ECO HISTORY				B-MH-5409484-0-B
1			ASBY/DRILLING HOLE LAYOUT				D-MH-5409484-0-B
1			X-Y COORDINATE MARK LOCAT.				X-CO-5409484-0-A

	B TO 20V REGULATOR	E-IA-5403484-O-O	58
AR	20 CONDUCTOR CABLE	91-07575	57
1	#10/32 HEX NUT	900658H	56
2	2/56 X 3/16" SCREW	9006000-4	55
2	6/32 X 1/4" PAN HD SCREW	9006020-2	54
1	10/32 X 1" TRUSS HD SCREW	9006077-3	53
1	#10 INTERNAL LOCK WASHER	9006635	52
1	BUSHING (DIODE)	9068441	51
1	SOLDER LUG	9068150	50
4	#6 SELF TAPING SCREW	9008701	49
1	THERMAL INSULATOR	9008019	48

2		THERMAL INSULATOR	900R436	47
1		STAND OFF (STUD TYPE)	9009060	46
1		TRANSISTOR SOCKET	1210130	45
1	C9	CAP. 1UF 100V	1605507	44
1	R24	RES. 0.5 3% 5W	1310508	43
1	R25	RES. 100 5% 1W	1100529	42
1	Q4	TRANSISTOR 2N2298	1505870	41
1	L1	120UH CHOKE	1610273	40
1	D5	DIODE 1N3889	1100429	39
1		HEAT SINK	5305912	38
QTY		DESCRIPTION	DEC PART NO.	AGE
		PARTS LIST		

DATE	TRANSISTOR & DIODE CONVERSION CHART				TITLE			
2/71	DEC EIA		DEC EIA		8T020 V REGULATOR			
2/71	DEC6534C MPS6534		DEC668 IN3806					
2/71	IN3806 SAME		IN484A SAME					
2/71	IN3806 SAME		IN3806 SAME					
EQUIPMENT CORPORATION					SIZE D	CODE C	NUMBER 5409484-0-1	REV E
RAYMOND, MASSACHUSETTS					PRINTED CIRCUIT REV	D		

DRWG NO	REVLTR
K-WL-RK05-0-3	B

REVISIONS			
REV LTR	ECO NO	DATE	ENG
A	RK05-00014	7/72	Ed
B	RK05-00031	2/73	Ed

DRAWN <i>RE Hellen</i>	DATE 11/8/71		TITLE WIRE LIST (RK05)		
CHECKED <i>[Signature]</i>	DATE 11-9-71		FOR TAPE# FILE*		
ENG <i>Dobson</i>	DATE 24 Nov 71		SIZE K	CODE WL	DWG. NO. RK05-0-3
PROJ ENG <i>EL Simmons</i>	DATE 11-24-71		REV LTR B		
PROD <i>Alan Karlberg</i>	DATE 11/29/71		ASSY NO D-AD-7008696-0-0		
SCALE NONE		SHEET 1 OF 1		DIST.	

WRP288,V22(22) 11/06/73														11-FEB-74	23114	PAGE 4
A/P	PIN	NAME	ORDER	PIN	HAY	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
CYC ADDR 6	L	A08E1			1-01			D05-6				2				30
CYC ADDR 6	L	A07E1			1-02			D05-6				1				30
CYC ADDR 6	L	B03V1			1-03			D05-6						12-6/8		30
CYC ADDR 6					1											
CYC ADDR 7	L	A07H1			1-01			D05-6				2				31
CYC ADDR 7	L	A08H1			1-02			D05-6				1				31
CYC ADDR 7	L	B03S1			1-03			D05-6						11-3/8		31
CYC ADDR 7					1											31
DC LOW	H	A04D1			1-01			D05-8				1				32
DC LOW	H	B08F2			1-02			D05-8				2				32
DC LOW	H	B07F2			1-03			D05-8						11-1/8		32
DC LOW					1											32
DIFF 1	L	A03A1			1-01			D05-7				1				33
DIFF 1	L	B05N2			1-02			D05-7						8-4/8		33
DIFF 1					1											33
DIFF 1b	L	A03E1			1-01			D05-7				1				34
DIFF 1b	L	B05T2			1-02			D05-7						8-4/8		34
DIFF 1b					1											34
DIFF 2	L	A03B1			1-01			D05-7				1				35
DIFF 2	L	B05P2			1-02			D05-7						8-2/8		35
DIFF 2					1											35
DIFF 4	L	A03D1			1-01			D05-7				1				36
DIFF 4	L	B05R2			1-02			D05-7						8-2/8		36
DIFF 4					1											36
DIFF 8	L	A03C1			1-01			D05-7				1				37
DIFF 8	L	B05S2			1-02			D05-7						8-4/8		37
DIFF 8					1											37
DISK RELAY DR	H	A04M1			1-01			D05-8				1				38
DISK RELAY DR	H	B06P1			1-02			D05-8						6-6/8		38
DISK RELAY DR					1											38
DR UNLOCKING SOLENOID	L	A06P1			1-01			D05-8				1				39
DR UNLOCKING SOLENOID	L	B04V1			1-02			D05-8						7-2/8		39
DR UNLOCKING SOLENOID					1											39
FAULT IND	H	A04N2			1-01			D05-8				1				40
FAULT IND	H	A06H1			1-02			D05-8						4-0/8		40
FAULT IND					1											40

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A/P		PIN	NAME	ORDER	PIN	BAY	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN
RUN NAME		NUMBER															
FWD	H	B03J1		1-01					D05-5				1				41
FWD	H	B05J2		1-02					D05-5						4-2/8		41
				1													41
GND 01		A01C2		1-01									1				42
GND 01		A01T1		1-02									2				42
GND 01		B01C2		1-03									1				42
GND 01		R01T1		1-04													42
GND 01				1											13-6/8		42
GND 02		A02C2		1-01									1				43
GND 02		A02T1		1-02									2				43
GND 02		R02C2		1-03									1				43
GND 02		R02T1		1-04													43
GND 02				1											13-6/8		43
GND 03		A03C2		1-01									1				44
GND 03		A03T1		1-02									2				44
GND 03		R03C2		1-03									1				44
GND 03		R03T1		1-04													44
GND 03				1											13-6/8		44
GND 04		A04C2		1-01									1				45
GND 04		A04T1		1-02									2				45
GND 04		B04C2		1-03									1				45
GND 04		R04T1		1-04													45
GND 04				1											13-6/8		45
GND 05		A05C2		1-01									1				46
GND 05		A05T1		1-02									2				46
GND 05		R05C2		1-03									1				46
GND 05		R05T1		1-04													46
GND 05				1											13-6/8		46
GND 06		A06C2		1-01									1				47
GND 06		A06T1		1-02									2				47
GND 06		R06C2		1-03									1				47
GND 06		R06C1		1-04					D05-9				2				47
GND 06		R06E1		1-05					D05-9				1				47
GND 06		R06J1		1-06					D05-9				2				47
GND 06		R06T1		1-07					D05-9				1				47
GND 06		R06S1		1-08					D05-9								47
GND 06															23-6/8		47
GND 06																	47

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RUN NAME		A/P PIN ORDER BAY -		Q DRAW RV PG Y X Z		REMARKS		LENGTH EXCEPTIONS	
		NAME PIN ORDER						RUN NUMBER	
ON		L A02A1	1-01	D05-5	1			64	
ON		L A03M1	1-02	D05-5				64	
ON			1					64	
OUTER LIMIT		H A03K1	1-01	D05-6	2			65	
OUTER LIMIT		H A04K1	1-02	D05-6	1			65	
OUTER LIMIT		H A05D1	1-03	D05-6				65	
OUTER LIMIT			1					65	
POWER AMP DR		H R05U2	1-01	D05-9	1			66	
POWER AMP DR		H R06M1	1-02	D05-9				66	
POWER AMP DR			1					66	
PROTECT IND		H A06C1	1-01	D05-8	1			67	
PROTECT IND		H R04U2	1-02	D05-8				67	
PROTECT IND			1					67	
PWR SEC XNSOUR		H A02D1	1-01	D05-2	1			68	
PWR SEC XNSOUR		H R06K1	1-02	D05-2				68	
PWR SEC XNSOUR			1					68	
R/W/S READY		H A03P1	1-01	D05-5	1			69	
R/W/S READY		H R04J1	1-02	D05-5	2			69	
R/W/S READY		H R02L1	1-03	D05-5				69	
R/W/S READY			1					69	
R/W/S READY		L A01P2	1-01	D05-1	1			70	
R/W/S READY		L R02K1	1-02	D05-1				70	
R/W/S READY			1					70	
READ CLOCK		L A01F2	1-01	D05-2	1			71	
READ CLOCK		L R07S1	1-02	D05-2	2			71	
READ CLOCK		L R08S1	1-03	D05-2				71	
READ CLOCK			1					71	
READ DATA		L A01E2	1-01	D05-2	1			72	
READ DATA		L R07S2	1-02	D05-2	2			72	
READ DATA		L R08S2	1-03	D05-2				72	
READ DATA			1					72	
READ GATE		L A01K2	1-01	D05-1	1			73	
READ GATE		L R08R1	1-02	D05-1	2			73	
READ GATE		L R07R1	1-03	D05-1				73	
READ GATE			1					73	
READ GATE								73	

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RUN NAME		A/P PIN ORDER BAY -		Q DRAW RV PG Y X Z		REMARKS		LENGTH EXCEPTIONS	
		NAME PIN ORDER						RUN NUMBER	
READ IND		H A02E2	1-01	D05-9	1			74	
READ IND		H A06J1	1-02	D05-9				74	
READ IND			1					74	
READY		H A02C1	1-01	D05-3	1			75	
READY		H A04U1	1-02	D05-3				75	
READY			1					75	
READY IND		H A06B1	1-01	D05-8	1			76	
READY IND		H R04N1	1-02	D05-8				76	
READY IND			1					76	
RESTORE		H A02B1	1-01	D05-4	1			77	
RESTORE		H A03J1	1-02	D05-4				77	
RESTORE			1					77	
RESTORE		L A08M1	1-01	D05-2	2			78	
RESTORE		L A07M1	1-02	D05-2	1			78	
RESTORE		L R02B1	1-03	D05-2				78	
RESTORE			1					78	
REV		H R03H1	1-01	D05-5	1			79	
REV		H R05K2	1-02	D05-5				79	
REV			1					79	
RK=110		L A08U1	1-01		2			80	
RK=110		L A07U1	1-02		1			80	
RK=110		L R02U1	1-03					80	
RK=110			1					80	
RTZ		L A03F1	1-01	D05-2	1			81	
RTZ		L R02C1	1-02	D05-2				81	
RTZ			1					81	
RUN SW		L A06L1	1-01	D05-7	1			82	
RUN SW		L R04L1	1-02	D05-7				82	
RUN SW			1					82	
SECTOR		L A02S2	1-01	D05-9	1			83	
SECTOR		L R04K1	1-02	D05-9				83	
SECTOR			1					83	
SECTOR/INDEX RAW		H A02E1	1-01	D05-2	1			84	
SECTOR/INDEX RAW		H R06L1	1-02					84	
SECTOR/INDEX RAW			1					84	

[illegible]

RUN NAME	A/P	PIN NAME	ORDER PIN	BAY ORDER	Q DRAW RV PG Y	X	Z	REMARKS	11-FEB-74 LENGTH	23:14 EXCEPTIONS	PAGE 11 RUN NUMBER
SET UNSAFE	L	A01U2		1-01	D05=1		1				95
SET UNSAFE	L	R04A1		1-02	D05=1						95
SET UNSAFE				1					4-7/8		95
SIN POSITION	H	A05M1		1-01	D05=9		1				96
SIN POSITION	H	R06D1		1-02	D05=9				5-2/8		96
SIN POSITION				1							96
STORE	L	R02V1		1-01	D05=2		1				97
STORE	L	R07H1		1-02	D05=2		2				97
STORE	L	R08H1		1-03	D05=2						97
STORE				1					10-2/8		97
UNSAFE	L	A01L2		1-01	D05=1		1				98
UNSAFE	L	A04V2		1-02	D05=1						98
UNSAFE				1					5-2/8		98
WRITE DATA + CLK	H	A01J1		1-01	D05=1		1				99
WRITE DATA + CLK	H	A07F2		1-02	D05=1		2				99
WRITE DATA + CLK	H	A08F2		1-03	D05=1						99
WRITE DATA + CLK				1					10-0/8		99
WRITE GATE	L	A01J2		1-01	D05=1		1				100
WRITE GATE	L	R07L2		1-02	D05=1		2				100
WRITE GATE	L	R08L2		1-03	D05=1						100
WRITE GATE				1					10-7/8		100
WRITE PROTECT SET	L	R02S1		1-01	D05=3		1				101
WRITE PROTECT SET	L	R07R2		1-02	D05=3		2				101
WRITE PROTECT SET	L	R08R2		1-03	D05=3						101
WRITE PROTECT SET				1					9-4/8		101
WRITE SW OFF	L	A06N1		1-01	D05=7		1				102
WRITE SW OFF	L	R04F1		1-02	D05=7						102
WRITE SW OFF				1					6-0/8		102
WRITE SW ON	L	A06M1		1-01	D05=7		1				103
WRITE SW ON	L	R04E1		1-02	D05=7						103
WRITE SW ON				1					6-0/8		103
WRITING IND	H	A02U1		1-01	D05=5		1				104
WRITING IND	H	A08E1		1-02	D05=5						104
WRITING IND				1					5-7/8		104