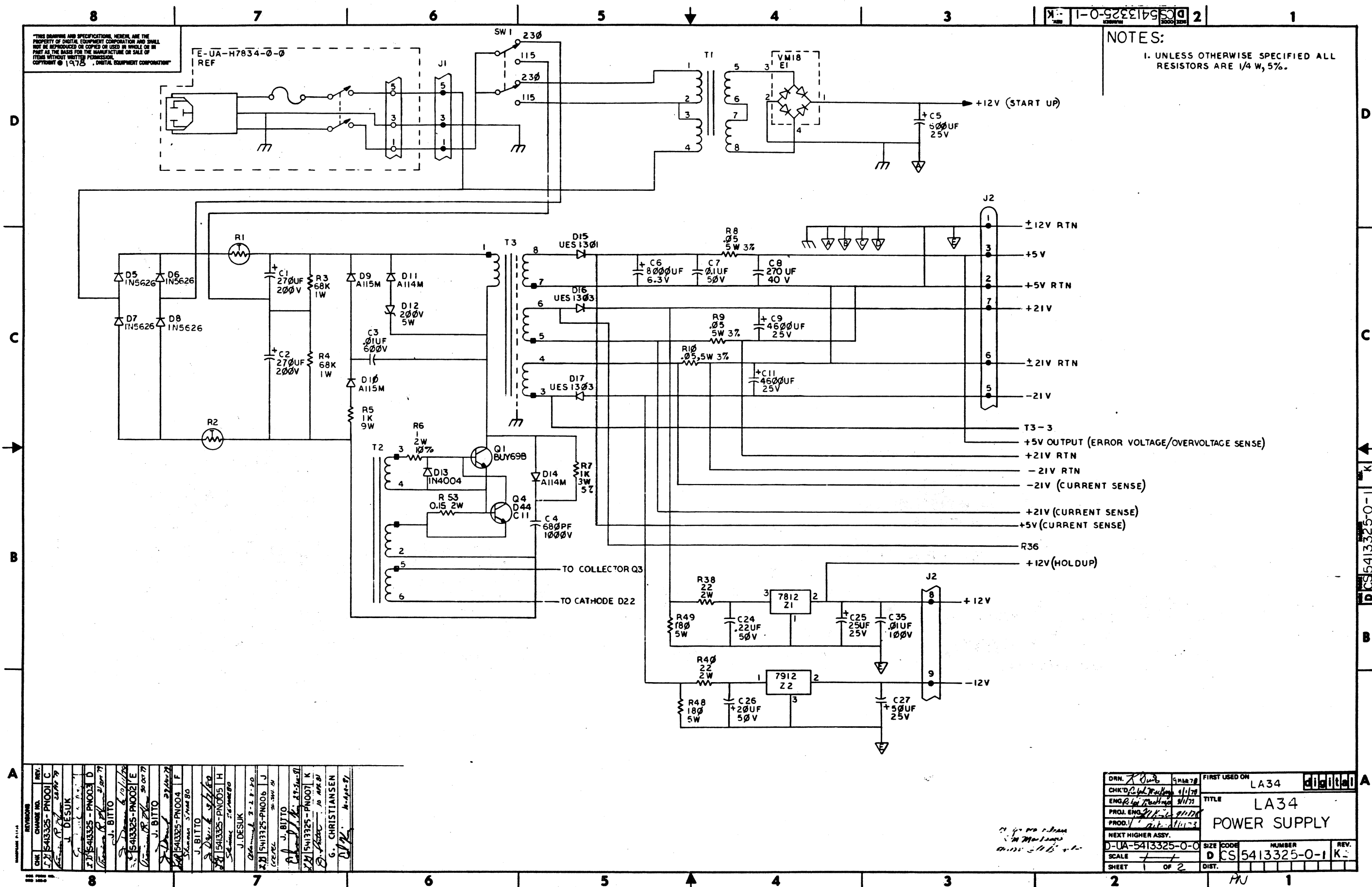
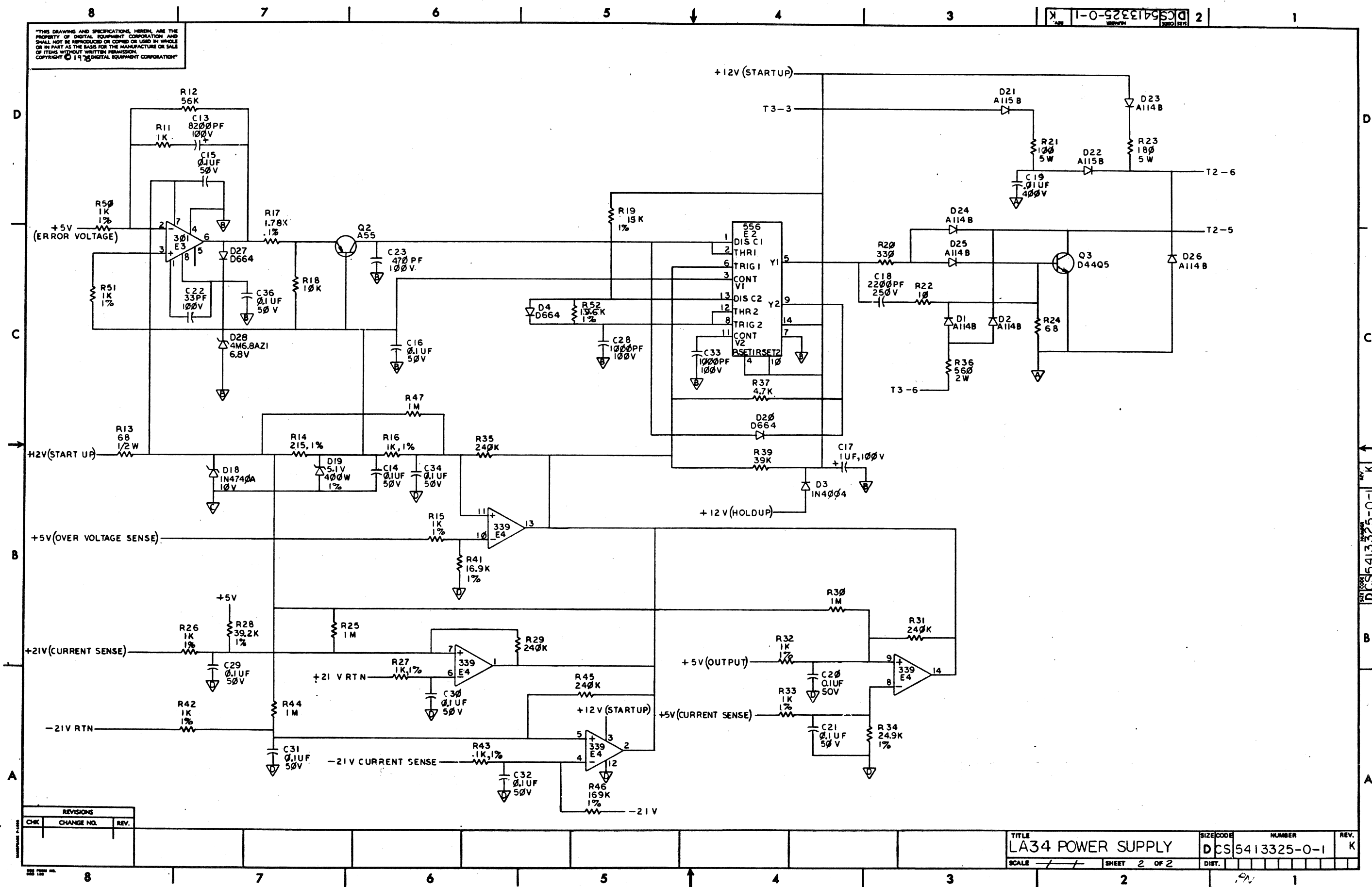




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REVISIONS		
CHK	CHANGE NO.	REV.

TITLE		LA34 POWER SUPPLY		SIZE CODE		NUMBER		REV.	
SCALE		SHEET 2 OF 2		DIST.		DCS 5413325-0-1		K	

AUTOMATED BY PRTLIST.2D(11)

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
1	D-MD-5013324-0-0		L234 POWER SUPPLY	1	
2		33.0 MMF	100V 55200PFM MICA	1	C22
3		1000.0 MMF	100V 5%200PFM MICA	2	C28,C33
4		1000055-00	2200.0 MMF 20% Y55 DISC	1	C18
5		1000061-00	.0082 MFD 100V 10% MYLR	1	C13
6		1000075-00	25 MFD 25V +75-10% AL EL	1	C25
7		1001610-01	.01 MFD50/100V +80-20% DISC	1	C35
8		1001796-00	50 MFD 25V +75-10% AL EL	1	C27
9		1002839-00	20 MFD 50V +75-10% AL EL	1	C26
10		1005507-00	1 MFD 100V +50-10% AL EL	1	C17
11		1011847-01	.01 MFD 400V 10% POLYPROP	1	C19
12		1011847-02	.01 MFD 600V 10% POLYPROP	1	C3
13		1011849-01	600 MFD 25V +75-10% AL EL	1	C5
14		1013280-00	680.0 MMF 1000V 5%200PFM MICA	1	C4
15		1014265-00	.22 MFD 50V +80-20% CER	1	C24
16		1014265-01	.1 MFD 50V +80-20% CER	12	C7,C14,C15,C16,C21,C29,C30,C31,C32,C34,C36,C20
17		1015466-00	8000 MFD 6.3V +75-10% AL EL	1	C6
18		1015377-00	4600 MFD 25V +75-10% AL EL	2	C9,C11
19		1015519-00	270 MFD 200V +50-10% AL EL	2	C1,C2
20		1100114-00	D 664 GS\75FCB PIV= 25V SP	3	D4,D20,D27
21		1105796-00	IN 4004 PIV=400 I= 1A D041 SP	2	D3,D13
22		1105873-00	4MS-1A21 VZ= 5.1 1% .400W	1	D19
23		1112594-01	A115R PIV=200 I= 3A	2	D21,D22
24		1112594-02	A115M PIV=600 I= 3A	2	D9,D10
25		1112595-01	A114B PIV=200 I= 1A	6	D1,D2,D23-D25,D26
26		1112595-02	A114M PIV=600 I= 1A	2	D11,D14
27		1113123-00	1.5K3200 VOLT.TRANS.SUPPRESS. 220	1	D12
28		1114377-00	IN 4740A VZ= 10.0 5% 1W	1	D18
29		1114893-00	UES1301 PIV= 50 I= 6A	1	D15

REVISION HISTORY		BASIC PART NO: 5413325		DRN: R E JOSEPHSON		DATE: 21-FEB-78		TITLE		PARTS LIST	
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D	DES.ENG	DATE	7-JUN-78	H7834 POWER SUPPLY MODULE	DOCUMENT NUMBER	REV	J
JD	IPN001	IC	CAJ 00								
JB	IPN003	ID	CBJ								
JB	IPN002	IE	CCJ								
JB	IPN004	IF	CDJ								
JB	IPN005	IH	CEJ								
IGC	IPN007	IJ	CFJ								
			CHJ								
			CJJ								
			CKJ								
			CLJ								
			CMJ								
			CNJ								
--- INIT		IB	SECTION,VARIATION INDEX		CHK'D	T. SHETRAWSKI	DATE: 7-JUN-78				
ENG		ECO NUMBER	REV	SECTION A OF A	CHK'D	R E JOSEPHSON	DATE: 21-FEB-78				
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LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER VARIATION	REFERENCE DESIGNATOR
					00		
30	30		1115182-00	1N 5626 PIV=600 I= 3A	4		D5-D8
31	31		1115272-00	UES1303 PIV=150 I=6A	2		D16,D17
32	32		1115369-00	VM 18 PIV=100 I=1A	1		E1
33	33		1213426-04	HEAT SINK TO-3 CLEAR ANODIZED	1		
34	34		1214789-00	INSERT,THREADED 6-32 ,BRASS,ELEC	2		
35	35		1215307-00	HEADER 9POS RIGHT ANGLE	1		J2
36	36		1215307-01	HEADER 5POS RIGHT ANGLE	1		J1
37	37		1216064-00	SW,LOCK 2P RIGHT ANGLE TER	1		SW1
38	38		1300219-00	68.0 .25 W 5.0 % CC	1		R24
39	39		1300295-00	330.0 .25 W 5.0 % CC	1		R20
40	40		1300365-00	1.0 K .25 W 5.0 % CC	1		R11
41	41		1300447-00	4.70 K .25 W 5.0 % CC	1		R37
42	42		1300479-00	10.0 K .25 W 5.0 % CC	1		R18
43	43		1301317-00	10.0 .25 W 5.0 % CC	1		R22
44	44		1314675-00	1.0 K 3.0 W 5.0 % WW	1		R7
45	45		1301546-00	22.0 2.0 W 5.0 % CC	2		R38,R40
46	46		1301927-00	560.0 2.0 W 5.0 % CC	1		R36
47	47		1302395-00	56.0 K .25 W 5.0 % CC	1		R12
48	48		1302514-00	39.0 K .25 W 5.0 % CC	1		R39
49	49		1303114-00	1.0 K .25 W 1.0 % RN55D-F10	10		R15,R16,R26,R27,R32,R33,R42,R43,
						CONT	R50,R51
50	50		1302612-00	1.78 K .25 W 1.0 % RN55D-F10	1		R17
51	51		1305123-00	215.0 .25 W 1.0 % RN55D-F10	1		R14
52	52		1305265-00	39.20 K .25 W 1.0 % RN55D-F10	1		R28
53	53		1305405-00	24.90 K .25 W 1.0 % RN55D-F10	1		R34
54	54		1309094-00	100.0 5.0 W 5.0 % WW	1		R21
55	55		1309405-00	68.0 .50 W 5.0 % CC	1		R13
56	56		1313752-00	15.0 K .25 W 1.0 % RN55D-F10	1		R19
57	57		1309595-00	1.0 M .25 W 5.0 % CC	4		R25,R30,R44,R47
58	58		1310876-03	.05 5.0 W 3.0 % WW	3		R8-R10
59	59		1312618-00	16.90 K .25 W 1.0 % RN55D-F10	1		R41
60	60		1312655-00	180.0 5.0 W 5.0 % WW	3		R23,R48,R49
61	61		1312925-00	169.0 K .25 W 1.0 % RN55D-F10	1		R46
62	62		1313191-00	1.0 K 9.0 W 5.0 % WW	1		R5
63	63		1314253-00	240.0 K .25 W 5.0 % CC	4		R29,R31,R35,R45
64	64		1314270-00	5.0 15.0 % NTC THERM	2		R1,R2
65	65		1314350-00	1.0 2.0 W10.0 % FUSE	1		R6
66	66		1315586-00	68.0 K 1.0 W 5.0 % CC	2		R3,R4
67	67		1510706-00	XA 55 PNP 500MW SI 60 50 P	1		Q2
68	68		1512782-00	NPN 100W SI325 15	1		Q1
69	69		1514271-01	D 44Q5 NPN 31W SI225 30	1		Q3
70	70		1614778-00	XFMR P-AB S=6.0@ 100MA	1		T1
71	71		1612920-02	PULSE XFMR 30KHZ VT61	1		T2
72	72		1615559-01	XFMR P=240/360DC 54-13325	1		T3
73	73		1910282-00	301AN OP AMP	1		E3
74	74		1912048-01	*** THIS ITEM IS NOT USED ***			
75	75		1912108-00	339 VOLT CMPRTR,QUAD	1		E4
76	76		1914392-00	556 TIMER-DUAL	1		E2

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							H7834 POWER SUPPLY MODULE				5413325-0-DBP	J

QTY PER VARIATION
REFERENCE DESIGNATOR

LINE ITEM DOCUMENT NUMBER
PART NUMBER

DESCRIPTION

00

77	1914517-01	*** THIS ITEM IS NOT USED ***
78	7015917-00	HEAT SINK ASSY
79	7015917-01	HEAT SINK ASSY
80	9006023-01	SCREW,PAN,PHIL 6-32X 7/16 SS
81	9009798-00	SPACER, CERAMIC, .186 ODX.078 ID
82	9009798-01	*** THIS ITEM IS NOT USED ***
83	9009798-02	SPACER, CERAMIC, .186 ODX.078 ID
84	9009882-00	WASHER, LOCK, INT T00TH #6
85	9009676-00	TERM LUG 1POS SOLDER
86	1309419-00	19.60 K .25 W 1.0 % RN55D-F10
87	1000020-00	*** THIS ITEM IS NOT USED ***
88	1310147-00	.15 2.0 W10.0 % W
89	1109991-01	4M6.8A21 VZ= 6.8 1% .40W
90	1512790-00	D 44C12 NPN 30W SI
91	1012607-04	270 MFD 40V+100-10% AL EL
92	1000024-00	470.0 MMF 100V 5%200PFM MICA

-		*** THIS ITEM IS NOT USED ***
1	Z1	
1	Z2	
2		
14		
-		
2		
2		
1	R52	
-		
1	R53	
1	D28	
1	Q4	
1	C8	
1	C23	

D I G I T I L
TITLE

H7834 POWER SUPPLY MODULE

SECTION A OF A

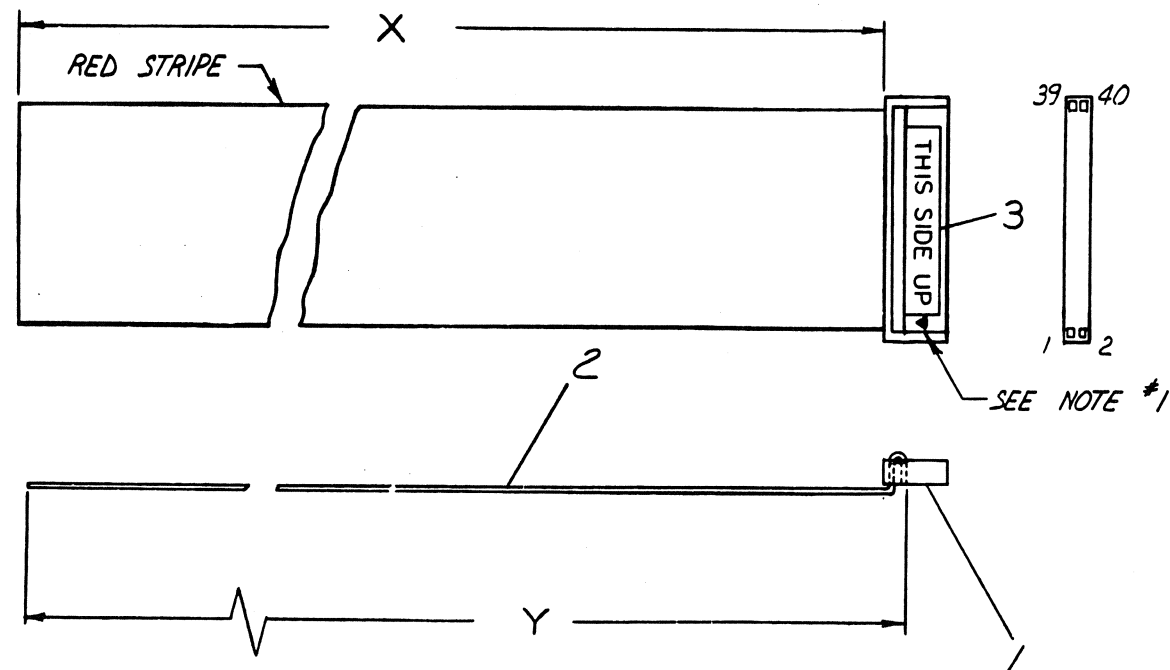
SIZE CODE DOCUMENT NUMBER REV
K PL 5413325-0-DBP J

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LEGEND		
NUMBER	MAX VARIATION	DMY (PRECUT) REF
7015741-OK	8.5 IN ±.5 IN	9.0 IN

NOTES:

1. ARROW OR INDEX MARK ON ITEM "1" INDICATES CONTACT POSITION = 1



1	LABEL, CABLE I.D.	3616989-00	4
1	LABEL	3611567-00	3
1	CABLE, 40 COND FLAT	9107738-01	2
1	CONN, 40 POSITION	1211206-00	1

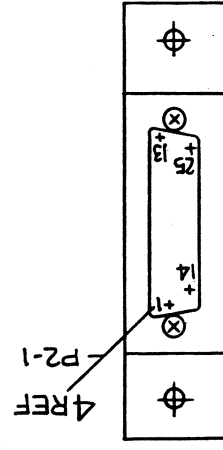
DESCRIPTION	DWG./PART NO.	ITEM NO.
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES						
ANGLES ±0° 30'	CLASS OF ACCURACY (CHECK ONE)	NOMINAL DIMENSION RANGE INCHES				
SURFACE QUALITY IN	MEDIUM	OVER 0 TO 0.2	OVER 0.2 TO 1.2	OVER 1.2 TO 4.0	OVER 4.0 TO 12.0	OVER 12.0 TO 40.0
MICRONCHES	PREFERRED	±.004	±.008	±.012	±.016	±.024
		±.012	±.016	±.020	±.04	±.08

THIRD ANGLE PROJECTION	DRN: [Signature]	FIRST USED ON	LA.34
REMOVE BURRS AND BREAK SHARP CORNERS	CHK'D: [Signature]	TITLE	CABLE KEYBOARD ASSY
DO NOT SCALE DWG	ENG: [Signature]	PROJ. ENG: [Signature]	
MATERIAL	PROD: [Signature]	NEXT HIGHER ASSY.	
FINISH			
SCALE	D-AD-7015514-0-0	SIZE	CODE
SHEET	SEE PARTS LIST	IA	7015741-C-0
OF		DIST.	

REV.	CHANGE NO.	BY	DATE
A	LA34-PN030	F. A. DIGLIO	12/19/78
B	LA34-PN030	J. BITTO	12/19/78
C	LA34-PN030	J. BITTO	12/19/78
D	LA34-PN030	J. BITTO	12/19/78

DEC FORM NO.
DPC 100-2

[illegible]

SIGNAL NAME		P2 PIN	P1 PIN	DESIGNATION	NAME	E.C.I.T.T EQUIVALENT	PROTECTIVE GND
SIGNAL NAME							
C.C.I.T.T							
NAME							
(REF)							
PROTECTIVE GND							
TXD, EIA, L		2	3	BA	103	TRANSMIT DATA	
RXD, EIA, L		3	5	BB	104	RECEIVE DATA	
RTS, EIA, H		4	7	CA	105	REQUEST TO SEND	
CTS, EIA, H		5	9	CB	106	CLEAR TO SEND	
DSR, EIA, H		6	11	CC	107	DATA SET READY	
SG, GND SAFETY		7	13	AB	102	SIG GND COMMON RETURN	
DTR, EIA, H		8	14	CD	108, 2	DATA TERMINAL READY	
CD, EIA, H		8	15	CF	109	RECEIVING LINE SIG. DETECTOR	
RI, EIA, H		22	18	CE	125	RING INDICATOR	

[illegible]

1	2
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NOTES:

1. ARROW OR INDEX MARK ON ITEM #1 INDICATES CONTACT POSITION #1.
2. EITHER OF TWO METHODS OF CABLE IDENTIFICATION ARE ACCEPTABLE:
I.D. LABEL, PH 3616073-00 (FOLDED IN HALF AROUND CABLE) OR
RUBBER STAMP. LABEL OR STAMP SHALL CONTAIN THE FOLLOWING: DEC PART NO., REV, AND DATE CODE.
3. FOR THE -3F VARIATION WHEN USED ON THE LA3A FAMILY PRINTERS REMOVE PINS 13, 14, 16, 18, 21 AND 25 FROM P2 BEFORE CABLE IS ASSEMBLED.

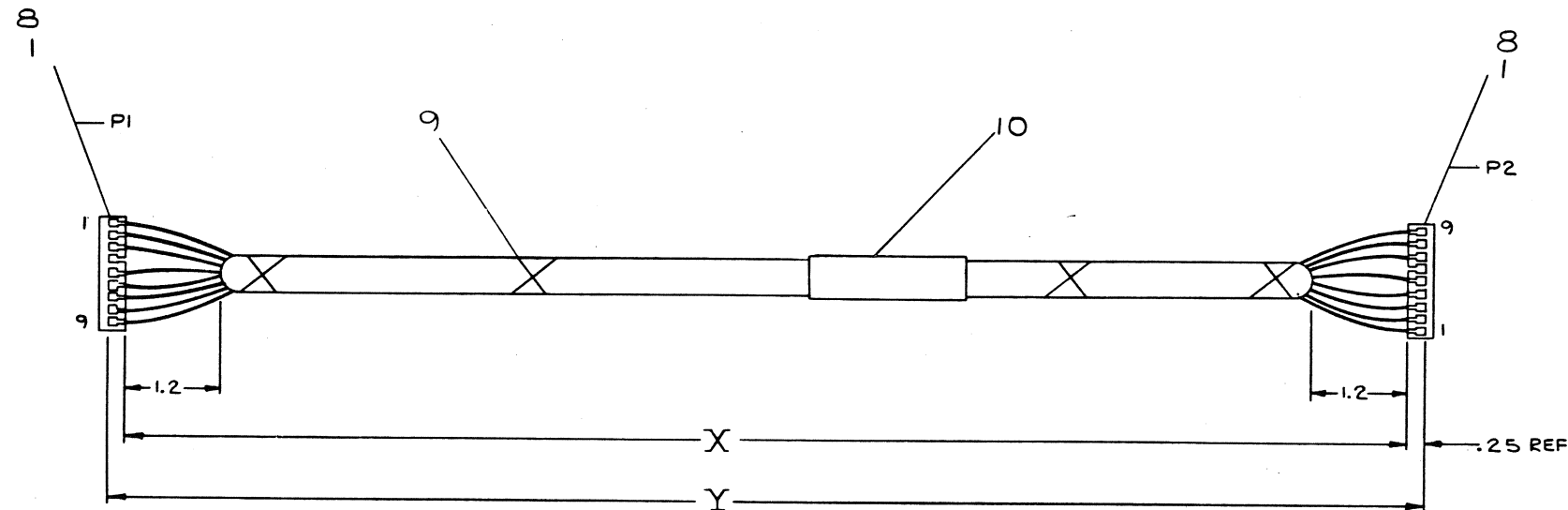
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WIRE TABLE						
ITEM NO.	AWG	COLOR	FROM CONNECTION	TO CONNECTION	LENGTH	SIGNAL
4	18	BLK	P1-1	P2-9	16.88	GND
4	18	BLK	P1-2	P2-8	16.88	GND
3	18	RED	P1-3	P2-7	16.88	+5V
8	-	-	P1-4	-	-	KEY
5	18	BLUE	P1-5	P2-5	16.88	-21V
4	18	BLK	P1-6	P2-4	16.88	GND
2	18	ORN	P1-7	P2-3	16.88	+21V
6	18	WHT	P1-8	P2-2	16.88	+12V
7	18	VIO	P1-9	P2-1	16.88	-12V
8	-	-	P2-6	-	-	KEY

LEGEND		
NUMBER	DIM 'X' VARIATION	DIM 'Y' (PRECUT) REF
7015739-1E	16.38 IN. ± 1.0 IN	16.88 IN

NOTES:

- USE CABLE TIES (X) ITEM 9 APPROXIMATELY EVERY FOUR (4) INCHES.
- NO STRIPPING OR TINNING REQUIRED.
- KEY PLUG ITEM #8 TO BE INSERTED INTO P2-6 AND P1-4.



SEE K-PL-7015739-0-DBP, PARTS LIST

1	LABEL, ADHESIVE	3618073-00	1
AM	TIE, CABLE	9010190-00	9
2	KEY PLUG	1215388-00	8
AM	WIRE, 18 AWG VIOLET STED	9107360-77	7
AM	WIRE, 18 AWG WHITE STED	9107360-99	6
AM	WIRE, 18 AWG BLUE STED	9107360-66	5
AM	WIRE, 18 AWG BLACK STED	9107360-00	4
AM	WIRE, 18 AWG RED STED	9107360-22	3
AM	WIRE, 18 AWG ORANGE STED	9107360-33	2
2	HOUSING, PLUG (9 PIN)	1215306-00	1

DESCRIPTION		DWG./PART NO.		ITEM NO.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES							
ANGLES NOT SH	CLASS OF ACCURACY	NOMINAL DIMENSION RANGE INCHES					
SURFACE QUALITY IN	CHECK ONE	OVER 0 TO .004	OVER 0.5 TO .005	OVER 1.0 TO .006	OVER 1.5 TO .007	OVER 2.0 TO .008	
		2.004	2.005	2.006	2.007	2.008	
MICROINCHES		PREFERRED	2.012	2.016	2.020	2.024	
THIRD ANGLE PROJECTION		FIRST USED ON					
REMOVE BURRS AND BREAK SHARP CORNERS		LA 34					
DO NOT SCALE DWG		CABLE ASSY. LOGIC / POWER					
MATERIAL SEE PARTS LIST		E-AD-7015729-0-0					
FINISH		SCALE NONE					
		SHEET 1 OF 1					

THIRD ANGLE PROJECTION	REMOVE BURRS AND BREAK SHARP CORNERS	DO NOT SCALE DWG	MATERIAL SEE PARTS LIST	FINISH
------------------------	---	------------------	----------------------------	--------

REV.	DATE	BY	CHKD.
1	10/1/75	J. BITTO	J. BITTO
2	10/1/75	J. BITTO	J. BITTO
3	10/1/75	J. BITTO	J. BITTO
4	10/1/75	J. BITTO	J. BITTO
5	10/1/75	J. BITTO	J. BITTO
6	10/1/75	J. BITTO	J. BITTO
7	10/1/75	J. BITTO	J. BITTO
8	10/1/75	J. BITTO	J. BITTO

7015739-0-0

A

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REWORK INSTRUCTIONS

ECO # 3

WIRE ADD SIDE ONE

1. AFTER BOARD HAS BEEN BUILT AND TESTED, TWO ETCHES MUST BE CUT AND A JUMPER WIRE (9105740-55) ADDED TO THE BOARD.
ON SIDE ONE CUT, THE ETCH AT E10 PINS 2 AND 3. ADD A JUMPER WIRE BETWEEN THE TWO FEED THROUGH HOLES IN THE ETCH RUNS FROM E10 PINS 2 AND 3.

REVISIONS		
CHK	CHANGE NO.	REV.

DEC FORM NO. 000 137

TITLE		SIZE CODE	NUMBER	REV.
LA34 CONTROL BOARD		D UA	5413747-0-0	M
SCALE 2/1	SHEET 2 OF 2	DIST.		

PARTS LIST

AUTOMATED BY PRIST.3L(40)

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
1	D-MD-5013746-0-0	5013746-00	DRILL&ETCH BOARD	1	1
2		1001610-00	.01 MFD 50V +80-20% Z5U CER	1	1
3		1005636-00	22 MFD 6V 10% S.TANT	1	1
4		1012084-01	8 MFD 25V +75-10% AL EL	5	5
5		1012219-00	47 MFD 30V +75-10% AL EL	1	1
6		10122784-00	.047 MFD 50V +80-20% CER	21	21
7		1013466-12	2200.0 MMF 50V 10% X7R CER	1	1
8		1013466-18	330.0 MMF 50V 5% CER	1	1
9		1013466-31	15.0 MMF 50V 5% CER	1	1
10		1101938-00	IN 4370A VZ= 2.4 5% .40W	1	1
11		1105275-00	D 672 TR= 15NS PIV= 60V SI	7	7
12		1105796-00	IN 4004 PIV=400 I= 1A D041 SP	16	16
13		1110854-00	IN 5353B VZ= 16.0V 5% .40W M	1	1
14		1209941-02	HEADER 100 40POS RT ANGLE	2	2
15		1209941-09	HEADER -26POS RT ANGLE RCPT	1	1
16		1211164-04	SW,DIP 1P 1A 8POS	1	1
17		1215921-00	CONN, 4PIN WAFER,RIGHT ANG	1	1
18		1215006-06	SKT,IC 24PIN DIP TIN PLATE	1	1
19		1215006-08	SKT,IC 40PIN DIP TIN PLATE	2	2
20		1215323-00	CONN, 6POS POLARIZING & LO	2	2
21		1215323-02	CONN, 2POS POLARIZING & LO	1	1
22		1215324-00	CONN, 15POS GOLD PLATED	1	1
23		1215635-01	TRANSDUCER,MINIATURE AUDIO FOR LA	1	1
24		1215699-00	HEADER 9POS STRAIGHT	1	1
25		1300005-07	R NETWORK 15-4.7K 5.0 X 16PIN	1	1
26		1300247-00	120.0 .25 W 5.0 % CC	1	1
27		1300295-00	330.0 .25 W 5.0 % CC	8	8
28		1300365-00	1.0 K .25 W 5.0 % CC	7	7
29				7	7
30				7	7
31				7	7
32				7	7
33				7	7
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LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION				REFERENCE DESIGNATOR
					00	99	01	02	
29	29		1300417-00	2.20 K .25 W 5.0 % CC	1	1	1	1	R33
30	30		1300439-00	3.30 K .25 W 5.0 % CC	1	1	1	1	R50
31	31		1300479-00	10.0 K .25 W 5.0 % CC	7	7	7	7	R6-R8,R10,R11,R21,R22
32	32		1300488-00	12.0 K .25 W 5.0 % CC	1	1	1	1	R32
33	33		1301423-00	6.80 K .25 W 5.0 % CC	11	11	11	11	R1-R4,R16-R18,R24-R26,R30
34	34		1301890-00	560.0 .25 W 5.0 % CC	1	1	1	1	R48
35	35		1302388-00	2.0 K .25 W 5.0 % CC	1	1	1	1	R51
36	36		1302466-00	100.0 K .25 W 5.0 % CC	2	2	2	2	R23,R58
37	37		1302602-00	56.0 .25 W 5.0 % CC	1	1	1	1	R52
38	38		1312452-00	3.74 K .25 W 1.0 % RN55D-F10	1	1	1	1	R57
39	39		1315676-00	300.0 3.0 W 5.0 % WW 9	1	1	1	1	R34
40	40		1510706-00	XA 55 PNP 500MW SI 60 50 P	1	1	1	1	Q2
41	41		1514509-00	TIP 125 PNP 65W SI 60 500 8A	1	1	1	1	Q3
42	42		1515370-00	TIP146 PNP DARLINGTON-CONNECTED	1	1	1	1	Q1
43	43		1812396-03	XTAL 4.000 MHZ	1	1	1	1	Y1
44	44		1910322-00	DEC 1488L DRIVER,LINE,QUAD,EI	1	1	1	1	E32
45	45		1910406-00	75451 DRIVER,PERIPH,DUAL,	1	1	1	1	E6
46	46		1910741-00	7406 INVERTER GATE-HEX 1I	1	1	1	1	E7
47	47		1912108-00	339 VOLT CMPTTR,QUAD	1	1	1	1	E36
48	48		1912697-00	LS174 FF-D HEX W/CLEAR	1	1	1	1	E34
49	49		1912799-00	LS00 NAND-GATE-QUAD 2IN,P	1	1	1	1	E15
50	50		1912805-00	LS08 AND GATE-QUAD 2IN,PO	1	1	1	1	E25
51	51		1912807-00	LS10 NAND GATE-TRIPLE 3IN	1	1	1	1	E23
52	52		1912816-00	LS32 OR GATE-QUAD 2IN,POS	1	1	1	1	E20
53	53		1912824-00	LS74 FF-D DUAL,EDGE TRIGG	1	1	1	1	E24
54	54		1912842-00	LS138 DECODER-THREE INPUT,	1	1	1	1	E35
55	55		1912843-00	LS139 DECODER, 2 OF 4(DUAL	1	1	1	1	E19
56	56		1912846-00	LS155 DECODER,2 OF 4(DUAL)	1	1	1	1	E33
57	57		1912863-00	LS273 FF-D OCTAL W/CLEAR	1	1	1	1	E18
58	58		1913130-00	DEC 1489A RECEIVER,LINE,QUAD,	1	1	1	1	E31
59	59		1913471-00	LS367 DRIVER,BUS,HEX,TRI-	3	3	3	3	E10,E28,E27
60	60		1913777-00	LS240 DRIVER,LINE,OCTAL,T	1	1	1	1	E3
61	61		1913950-00	LS156 DECODER,2 OF 4(DUAL)	1	1	1	1	E5
62	62		1914072-00	74159 DECODER-4 TO 16 OPN	1	1	1	1	E1
63	63		1914560-00	LS368 DRIVER,BUS,HEX,TRI-	3	3	3	3	E13,E16,E37
64	64		1915261-00	DEC 2841B DRIVER,1.5A QUAD	3	3	3	3	E11,E12,E17
65	65		1915636-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	
66	66		2113107-01	P 8251A PUSART COMM. INTERFA	1	1	1	1	E4
67	67		2113954-00	DC 305 INTERFACE CHIP	1	1	1	1	E9
68	68	SEE NOTE 5	2114212-00	P 2114-2 RAM,1024X4,STATIC	2	2	2	2	E21,E26
69	69		2114963-00	UP,8-BIT NMOS	1	1	1	1	E22
70	70	SEE NOTE 1	23021E4-00	E4-01,E4-02,E4-03	1	-	-	-	E14
71	71		9009185-00	JUMPER, WIRE, INSULATED, BLACK B	10	10	10	10	W1,W3,W6,W9,W11,W12,W18,W19,PCF.
72	72		1215006-07	SKT,IC 28PIN DIP YIN PLATE	1	1	-	-	W96
73	73	SEE NOTE 2	23030E4-00	E4-01,E4-03	-	-	1	-	XE4
74	74		9105740-55	WIRE(WRAP)30AWG UL1423	A/R	A/R	A/R	A/R	E14
75	75	SEE NOTE 3	23034E4-00	E4-01,E4-02,E4-03	-	-	-	1	E14

D	I	G	I	T	A	L	TITLE	SECTION A	OF B	SIZE	CODE	DOCUMENT NUMBFR	REV
							54-13747 BOARD			K	PL	5413747-0-DB+	A

LINE ITEM DOCUMENT NUMBER PART NUMBER DESCRIPTION 00 99 01 02 REFERENCE DESIGNATOR

76	76	23033E4-00	*** THIS ITEM IS NOT USED ***	-	-	-	-
77	77	1916002-00	DRIVER,MOTOR CONTR	2	2	2	04,05
78	78	9006023-01	SCREW,PAN,PHIL 6-32X 7/16 SS	2	2	2	
79	79	9008185-00	NUT,KEP 6-32X 1/4 AF	2	2	2	
80	80	9008268-00	COMPOUND, THERMAL JOINT	2	2	2	
81	81	7424745-00	HEAT SINK H DRIVERS	1	1	1	

82 NOTE: 1. PT#23021E4-00 CAN HAVE A 01 OR AN 03 VARIATION.
83 NOTE: 2. PT#23030E4-00 CAN HAVE A 00 THRU 03 VARIATION.
84 NOTE: 3. PT#23034E4-00 CAN HAVE A 00 THRU 03 VARIATION.
85 NOTE: 4. PT#23033E4-00 CAN HAVE A 00 THRU 03 VARIATION.
86 NOTE: 5 IF 2114212-00 IS NOT AVAILABLE 2114212-01 CAN BE USED.

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER VARIATION	REFERENCE DESIGNATOR
					03		
1	1	D-MD-5013746-0-0	5013746-00	DRILL&ETCH BOARD	1		
2	2		1001610-00	.01 MFD 50V +80-20% Z5U CER	1		C32
3	3		1005636-00	22 MFD 6V 10% S.TANT	1		C43
4	4		1012084-01	8 MFD 25V +75-10% AL EL	5		C45,C47-C49,C50
5	5		1012219-00	47 MFD 30V +75-10% AL EL	1		C59
6	6		1012784-00	.047 MFD 50V +80-20% CER	21		C1,C8,C11,C12,C14,C15,C21-C23, C25,C26,C29,C30,C31,C35,C44, C51-C53,C56,C57
7	7		1013466-12	2200.0 MMF 50V 10% X7R CER	1	CONT	C42
8	8		1013466-18	330.0 MMF 50V 5% CER	1	CONT	C37
9	9		1013466-31	15.0 MMF 50V 5% CER	1		C41
10	10		1101938-00	1N 4370A VZ= 2.4 5% .40W	1		D18
11	11		1105275-00	D 672 TR= 15NS PIV= 60V SI	7		D17,D19-D24
12	12		1105796-00	1N 4004 PIV=400 I= 1A D041 SP	16		D1-D16
13	13		1110854-00	1N 5353B VZ= 16.0V 5% .40W M	1		D25
14	14		1209941-02	HEADER 100 40POS RT ANGLE	2		J6,J8
15	15		1209941-09	HEADER 26POS RT ANGLE RCPT	1		J7
16	16		1211164-04	SW,DIP 1P 1A 8POS	1		E30
17	17		1215921-00	CONN, 4PIN WAFER,RIGHT ANG	1		J3
18	18		1215006-06	SKT,IC 24PIN DIP TIN PLATE	1		XE14
19	19		1215006-08	SKT,IC 40PIN DIP TIN PLATE	2		XE22,XE9
20	20		1215323-00	CONN, 6POS POLARIZING & LO	2		J9,J2
21	21		1215323-02	CONN, 2POS POLARIZING & LO	1		J1
22	22		1215324-00	CONN 15POS GOLD PLATED	1		J5
23	23		1215635-01	TRANSDUCER,MINATURE AUDIO FOR LA	1		BE1
24	24		1215699-00	HEADER 9POS STRAIGHT	1		J4
25	25		1300005-07	R NETWORK 15-4.7K 5.0 % 16PIN	1		E29
26	26		1300247-00	120.0 .25 W 5.0 % CC	1		R31
27	27		1300295-00	330.0 .25 W 5.0 % CC	8		R5,R14,R15,R28,R49,R54-R56
28	28		1300365-00	1.0 K .25 W 5.0 % CC	7		R13,R19,R29,R36,R40,R41,R53

REVISION HISTORY		BASIC PART NO: 5413747		DRN: DAVID DROZD	DATE: 21-MAR-80	D I G I T A L	
ENG	ECO NUMBER	REV	SECTION B OF B	CHK'D: TONY SHEWTRASKI	DATE: 21-MAR-80	TITLE PARTS LIST	
---	INITIAL	D	SECTION.VARIATION INDEX	DES.ENG: DON DODSON	DATE: 21-MAR-80	54-13747 BOARD	
JB	5413747-PN001	E	[A] 00,99,01,02	RESP.ENG.: DON DODSON	DATE: 21-MAR-80	DOCUMENT NUMBER	
JB	5413747-PN002	F	[B] 03	MFG.ENG.: JOHN MCSHANE	DATE: 21-MAR-80	K	PL 5413747-0-DBP
JB	5413747-PN003	H	[C]	ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME:	EDIT #
JB	5413747-PN004	J	[D]	D-UA-5413747-0-0		13747N.PLS	10
JB	5413747-PN005	K	[E]				
JB	5413747-PN006	L	[F]				
JB	5413747-PN007	M	[H]				
NG	5413747-PN009	N	[J]				
			[K]				
			[L]				
			[M]				
			[N]				

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QTY PER VARIATION
REFERENCE DESIGNATOR

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
29		1300417-00	2.20 K .25 W 5.0 %	1	R33
30		1300439-00	3.30 K .25 W 5.0 %	1	R50
31		1300479-00	10.0 K .25 W 5.0 %	7	R6-R8,R10,R11,R21,R22
32		1300488-00	12.0 K .25 W 5.0 %	1	R32
33		1301423-00	6.80 K .25 W 5.0 %	11	R1-R4,R16-R18,R24-R26,R30
34		1301890-00	560.0 .25 W 5.0 %	1	R48
35		1302388-00	2.0 K .25 W 5.0 %	1	R51
36		1302466-00	100.0 K .25 W 5.0 %	2	R23,R58
37		1302602-00	56.0 .25 W 5.0 %	1	R52
38		1312452-00	3.74 K .25 W 1.0 % RNS5D-F10	1	R57
39		1315676-00	300.0 3.0 W 5.0 %	1	R34
40		1510706-00	55 PNP 500MW SI 60 50 P	1	R2
41		1514509-00	125 PNP 65W SI 60 500 84	1	R3
42		1515370-00	TIP146 PNP DARLINGTON-CONNECTED	1	R1
43		1812396-03	XTAL 4.000 MHZ	1	Y1
44		1910322-00	1488L DRIVER,LINE,QUAD,EI	1	E32
45		1910406-00	75451 DRIVER,FERIPH,DUAL,	1	E6
46		1910741-00	7406 INVERTER GATE-HEX 11	1	E7
47		1912108-00	339 VOLT CMPLTR,QUAD	1	E36
48		1912697-00	LS174 FF-D HEX W/CLEAR	1	E34
49		1912799-00	LS00 NAND-GATE-QUAD 2IN,P	1	E15
50		1912805-00	LS08 AND GATE-QUAD 2IN,P0	1	E25
51		1912807-00	LS10 NAND GATE-TRIPLE 3IN	1	E23
52		1912816-00	LS32 OR GATE-QUAD 2IN,P05	1	E20
53		1912824-00	LS74 FF-D DUAL,EDGE TRIGG	1	E24
54		1912842-00	LS138 DECODER-THREE INPUT,	1	E35
55		1912843-00	LS139 DECODER, 2 OF 4(DUAL)	1	E19
56		1912846-00	LS155 DECODER, 2 OF 4(DUAL)	1	E33
57		1912863-00	LS273 FF-D OCTAL W/CLEAR	1	E18
58		1913130-00	1489A RECEIVER,LINE,QUAD,	1	E31
59		1913471-00	LS367 DRIVER,BUS,HEX,TRI-	3	E10,E28,E27
60		1913777-00	LS240 DRIVER,LINE,OCTAL,1	1	E3
61		1913950-00	LS156 DECODER, 2 OF 4(DUAL)	1	E5
62		1914072-00	74159 DECODER-4 TO 16 OFN	1	E1
63		1914560-00	LS368 DRIVER,BUS,HEX,TRI-	3	E13,E16,E37
64		1915261-00	2841B DRIVER,1.5A QUAD	3	E11,E12,E17
65		1915636-00	*** THIS ITEM IS NOT USED ***	-	
66		2113107-01	8251A FUSART COMM. INTERFA	1	E4
67		2113954-00	305 INTERFACE CHIP	1	E9
68	SEE NOTE 5	2114212-00	P 2114-2 RAM,1024X4,STATIC	2	E21,E26
69		2114963-00	UP,8-BIT NMOS	1	E22
70	SEE NOTE 1	23021E4-00	*** THIS ITEM IS NOT USED ***	-	
71		9009185-00	JUMPER, WIRE, INSULATED, BLACK B	10	W1,W3,W6,W9,W11,W12,W18,W19,W95,
72		1215006-07	SKT,IC 28PIN DIP TIN PLATE	1	XE4
73	SEE NOTE 2	23030E4-00	*** THIS ITEM IS NOT USED ***	-	
74		9105740-55	WIRE(WRAP)30AWG UL1423	-	
75	SEE NOTE 3	23034E4-00	*** THIS ITEM IS NOT USED ***	-	

D	I	G	I	T	A	L	TITLE	SECTION B OF B	K	PL	5413747-0-DBP	REV
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LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 03	REFERENCE DESIGNATOR
76	76	SEE NOTE 4	23033E4-00	E4-01,E4-02,E4-03	1	E14
77	77		1916002-00	DRIVER,MOTOR CONTRO	2	Q4,Q5
78	78		9006023-01	SCREW,PAN,PHIL 6-32X 7/16 SS	2	
79	79		9008185-00	NUT,KEP 6-32X 1/4 AF	2	
80	80		9008268-00	COMPOUND, THERMAL JOINT	A/R	
81	81		7424745-00	HEAT SINK H DRIVERS	1	

- 82 NOTE: 1. PT#23021E4-00 CAN HAVE A 01 OR AN 03 VARIATION.
 83 NOTE: 2. PT#23030E4-00 CAN HAVE A 00 THRU 03 VARIATION.
 84 NOTE: 3. PT#23034E4-00 CAN HAVE A 00 THRU 03 VARIATION.
 85 NOTE: 4. PT#23033E4-00 CAN HAVE A 00 THRU 03 VARIATION.
 86 NOTE: 5 IF 2114212-00 IS NOT AVAILABLE 2114212-01 CAN BE USED.

D	I	G	I	T	A	L	TITLE	54-13747 BOARD	SECTION B OF B	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	5413747-0-DBP	N