

ENGINEERING DRAWINGS
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PC350
**Field Maintenance
Print Set**

**Digital Equipment
Corporation**

Print Set Part Number **MP-01394-00**

digital

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FIELD MAINTENANCE PRINT SET

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B-TC-PC350-0-1	PC350 UNIT ASSY (TC)
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K-PL-PC350-0-DBP	PC350 UNIT ASSY (PL)
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MP-01470-00	PRINT SET VC201-A
MP-01483-00	PRINT SET RCX50
MP-01320-00	PRINT SET H7862
MP-01482-00	PRINT SET RX50-AA
MP-01472-00	PRINT SET MSC11-A

UNIT VARIATIONS COVERED BY THIS PRINT SET

PC350-A
PC350-B
PC350-C
PC350-D

PC350
Field Maintenance
Print Set

Digital Equipment
Corporation

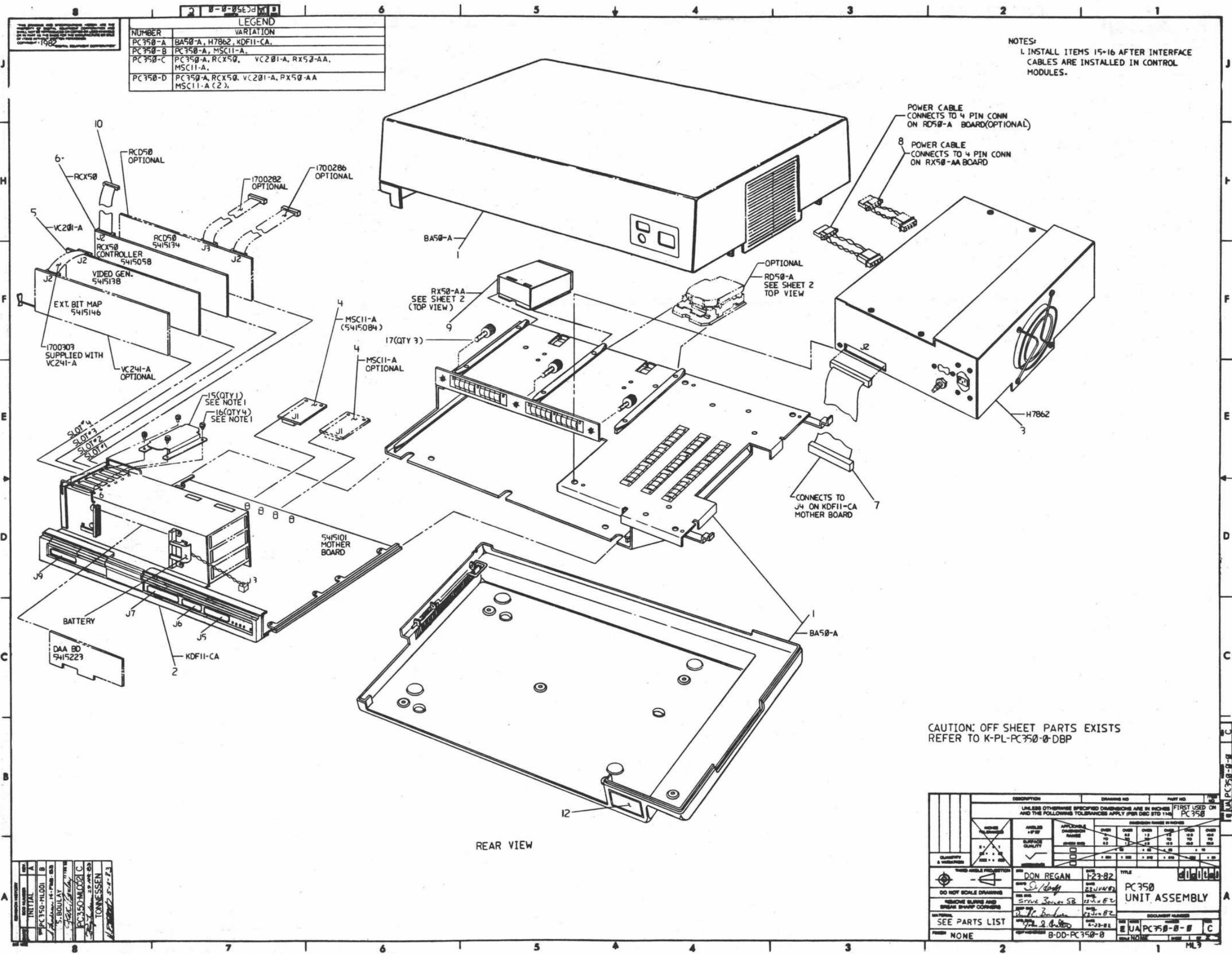
Print Set Part Number MP-01394-00

REVISION HISTORY	REV.	A	TITLE	digital				
	ECO NUMBER	INITIAL		PC350 UNIT ASSY	DOCUMENT NUMBER			
	DATE				SIZE	CODE	NUMBER	REV.
					B	TC	PC350-0-1	A

DRB 124A

ML3

REV. A
NUMBER PC350-0-1
SIZE CODE B TC



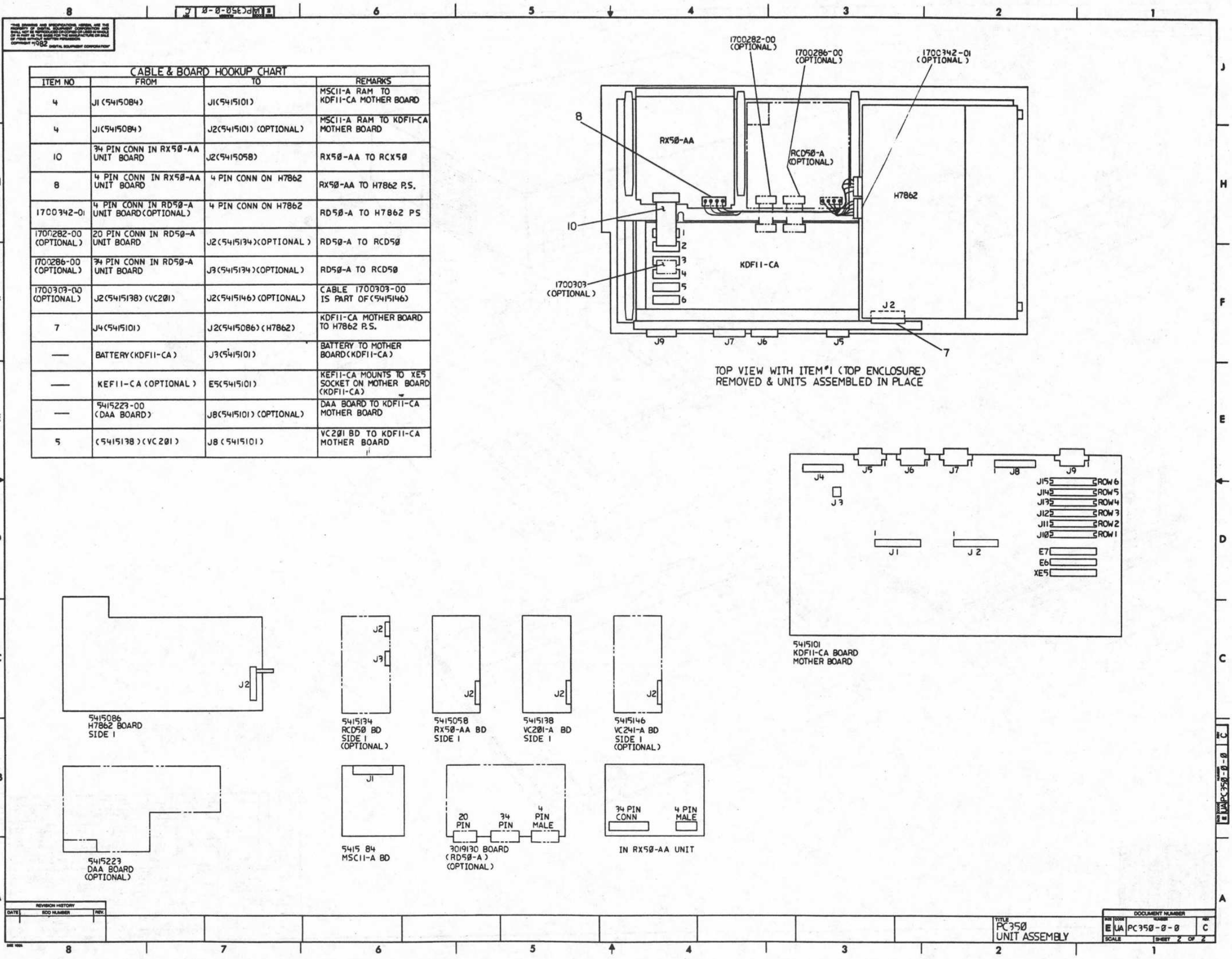
LEGEND	
NUMBER	VARIATION
PC350-A	BA50-A, H7862, KDF11-CA.
PC350-B	PC350-A, MSC11-A.
PC350-C	PC350-A, RCX50, VC201-A, RX50-AA, MSC11-A.
PC350-D	PC350-A, RCX50, VC201-A, RX50-AA, MSC11-A (2).

NOTES:
1. INSTALL ITEMS 15-16 AFTER INTERFACE CABLES ARE INSTALLED IN CONTROL MODULES.

CAUTION: OFF SHEET PARTS EXISTS REFER TO K-PL-PC350-0-DBP

PC350-ML001	B
PC350-ML002	C
PC350-ML003	D
PC350-ML004	E
PC350-ML005	F
PC350-ML006	G
PC350-ML007	H
PC350-ML008	I
PC350-ML009	J
PC350-ML010	K
PC350-ML011	L
PC350-ML012	M
PC350-ML013	N
PC350-ML014	O
PC350-ML015	P
PC350-ML016	Q
PC350-ML017	R
PC350-ML018	S
PC350-ML019	T
PC350-ML020	U
PC350-ML021	V
PC350-ML022	W
PC350-ML023	X
PC350-ML024	Y
PC350-ML025	Z

DESCRIPTION		DRAWING NO.		PART NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FIRST USED ON AND THE FOLLOWING TOLERANCES APPLY PER STD 154M PC350					
APPROVED		DATE		TITLE	
BY: DON REGAN		1-23-82		PC350 UNIT ASSEMBLY	
CHECKED: S. J. BULLAY		12-14-82		EUA PC350-B-0	
DESIGNED: S. J. BULLAY		12-14-82		EUA PC350-B-0	
DRAWN: S. J. BULLAY		12-14-82		EUA PC350-B-0	
SEE PARTS LIST		B-DD-PC350-0		EUA PC350-B-0	
NONE				EUA PC350-B-0	



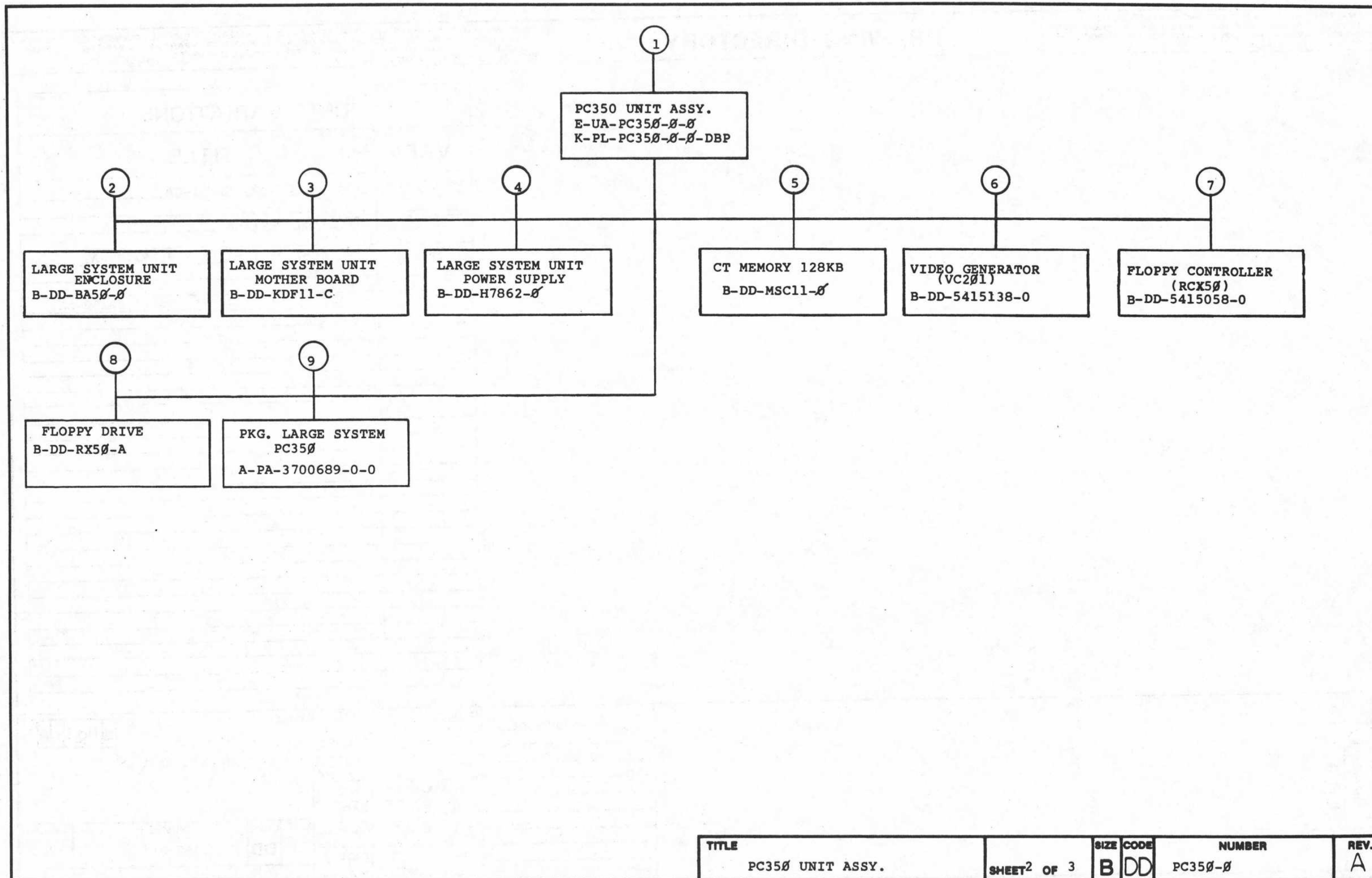
AUTOMATED BY PRTLST.3P(44)

PARTS LIST

SHEET A1 OF A1

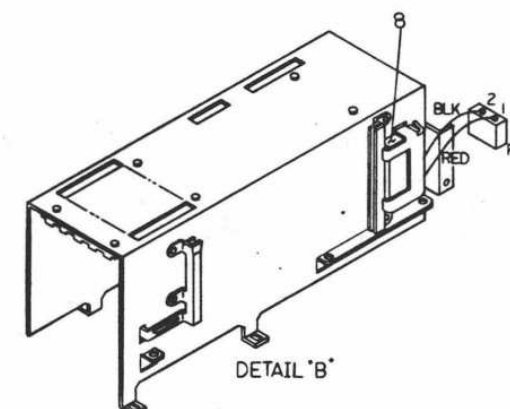
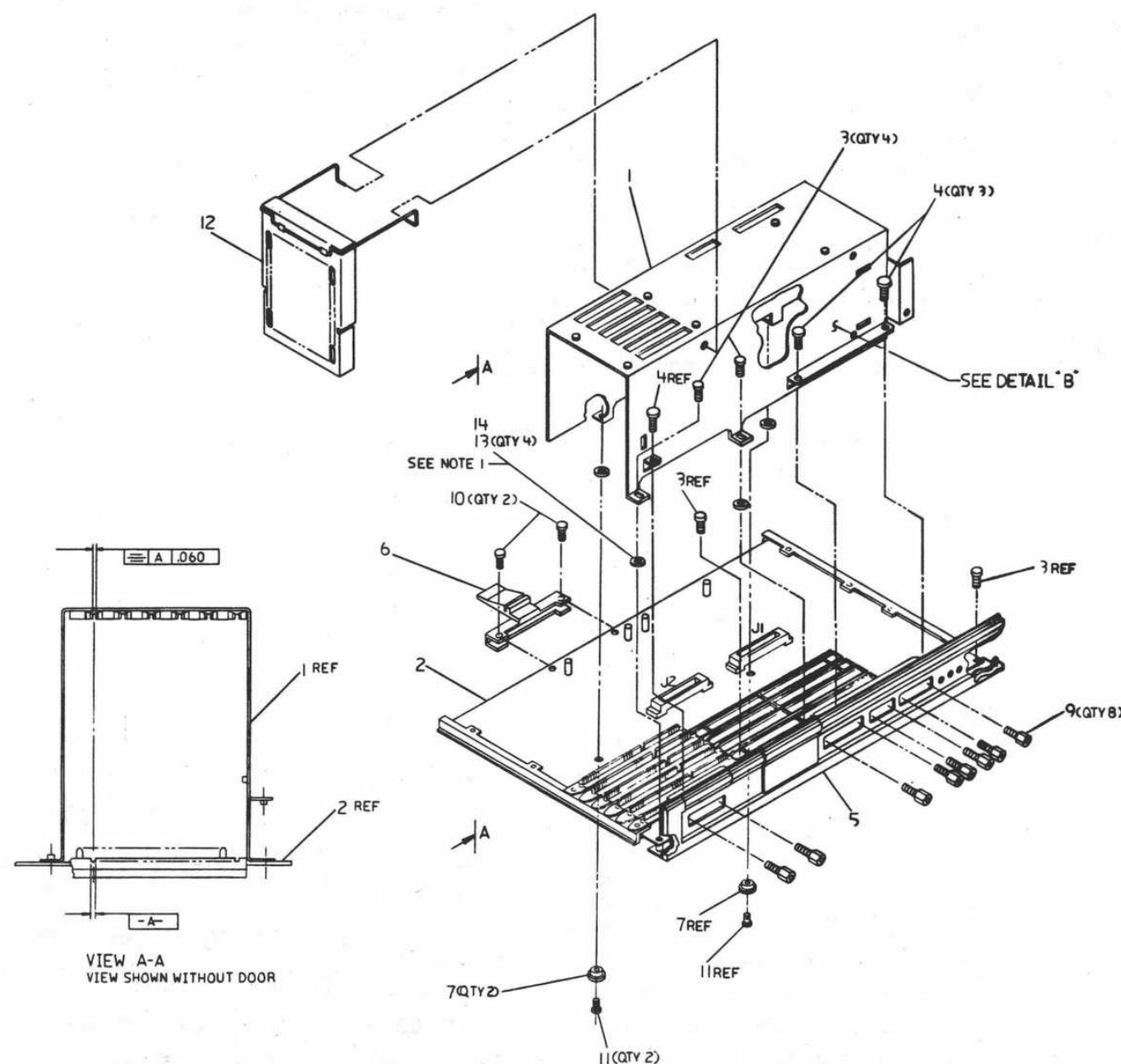
LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION			
					A	B	C	D
1	1	E-UA-BA50-0-0	OBA50-A	PC300 SYSTEM UNIT ENCLOSURE	1	-	-	-
2	2	E-UA-KDF11-C-0	KDF11-CA	PC350 MOTHER BD,F11 CPU+MMU,6 OP	1	-	-	-
3	3	E-UA-H7862-0-0	H7862-00	PC300 SYS UNIT POW SUP: 210WATTS	1	-	-	-
4	4	K-PL-MS11-A-DBP	MS11-A	128KB RAM DAUGHTER BOARD	-	-	1	2
5	5		5415138-00	CT100 VIDEO GENERATOR	-	-	1	1
6	6		5415058-00	RX50 CONTROLLER	-	-	1	1
7	7		1700280-00	CABLE ASSY 16COND. CT-150	1	-	-	-
8	8		1700342-02	CABLE ASSY,DC POWER 7.5"LG	-	-	1	1
9	9		ORX50-AA	DUAL 5.25" SINGLE SIDED FLOPPY D	-	-	1	1
10	10		1700285-00	CABLE,ASSY 34COND. CT150	-	-	1	1
11	11	E-UA-PC350-0-0	PC350-A	BA50-A,H7862,KDF11-CA,120V/240V	-	1	1	1
12	12		3620215-01	LABEL,PWR.RATING CT 100-120/220	1	1	1	1
13	13		1700283-00	CABLE,ASSY VIDEO B&W CT-150	-	-	1	1
14	14	A-PA-3700699-0-0	3700699-01	PKG LARGE SYSTEM PC 350	-	-	1	1
15	15	C-MD-7427726-0-0	7427726-01	SHIELD,CARD CAGE	1	-	-	-
16	16		1220933-01	SCREW,THUMB STEEL 4-40	4	-	-	-
17	17		1220932-01	SCREW,THUMB STEEL 6-32	3	-	-	-

REVISION HISTORY			BASIC PART NO: PC350		DRN: D. HEALY		DATE: 13-MAR-82		D I G I T A L			
ENG	ECO NUMBER	REV	SECTION A OF A		CHK'D: D. HEALY		DATE: 23-JUN-82		TITLE PARTS LIST			
---	INITIAL	A	SECTION. VARIATION INDEX		DES.ENG.: S. BOULAY		DATE: 23-JUN-82		PC350 UNIT ASSY			
SB	PC350-ML001	B	[A] A ,B ,C ,D		RESP.ENG.: D. BOUDREAU		DATE: 23-JUN-82		DOCUMENT NUMBER			
AT	PC350-ML002	C	[B]		MFG.ENG.: J. CRABTREE		DATE: 23-JUN-82		SIZE	CODE	NUMBER	REV
			[C]		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		K	PL	PC350-0-DBP	C
			[D]		E-UA-PC350-0-0		#B-DD-PC350-0				FILE NAME:	EDIT #
			[E]								Z4411C.PLS	22
			[F]									
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NOTES:

1. APPLY ITEM #13 (WASHER) TO ITEM #2 (BOARD) WITH ITEM #14 (ADHESIVE) BEFORE ASSEMBLY - 4 PLACES.



CAUTION: OFF SHEET PARTS LIST EXISTS.
REFER TO K-PL-KDFII-C -DBP

DESCRIPTION		DRAWING NO.		PART NO.		FIRST USED PC 350	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD 114)							
HIDDEN TOLERANCES		ANGLE PER 30		DIMENSION RANGES IN INCHES			
		APPLICABLE DIMENSION RANGES		OVER 0.12	OVER 0.12	OVER 0.12	OVER 0.12
		SURFACE QUALITY		TO 0.12	TO 0.12	TO 0.12	TO 0.12
		CHECK ONE		☒ 0.004	☒ 0.004	☒ 0.004	☒ 0.004
QUANTITY & VARIATION		WOODWORK		☐ 0.004	☐ 0.004	☐ 0.004	☐ 0.004
THIRD ANGLE PROJECTION		DRAWN BY DON REGAN		DATE 1-9-82		TITLE LARGE SYSTEM UNIT MOTHER BOARD	
DO NOT SCALE DRAWING		DESIGNED BY D. King		DATE 6-2-82			
REMOVE BURRS AND BREAK SHARP CORNERS		CHECKED BY Don		DATE 6-2-82			
MATERIAL SEE PARTS LIST		DRAWN BY Don		DATE 6-2-82		DOCUMENT NUMBER	
FINISH NONE		EQUIPMENT NO. EUA-PC350-B-8		EQUIPMENT NO. EUA-PC350-B-8		EQUIPMENT NO. EUA-PC350-B-8	

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PARTS LIST

SHEET A1 OF A1

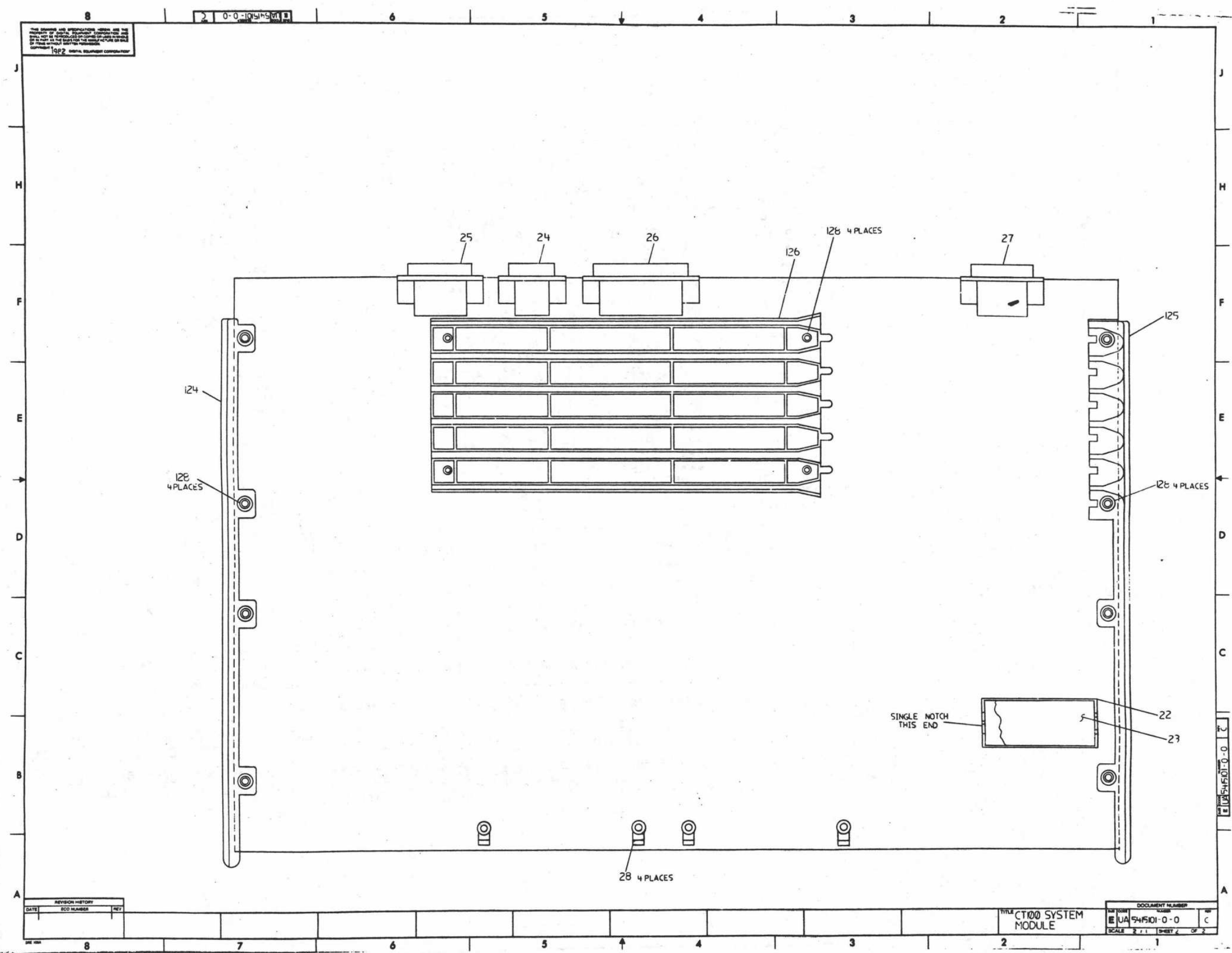
LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION CA
1	1	D-IA-7018435-0-0	7018435-00	CARD CAGE ASSY.	1
2	2	D-UA-5415101-0-0	5415101-00	CT100 SYSTEM MODULE	1
3	3		9009984-00	SCREW,SEMS PAN PHIL	6-
4	4		9009708-00	SCREW,TAP PAN PHIL THD RL	6-
5	5	D-AD-7018611-0-0	7018611-00	CONNECTOR PANEL ASSY	1
6	6	C-MD-7425685-0-DBU	7425685-00	SNAP LATCH	1
7	7	C-MD-7426852-0-DBU	7426852-01	SPACER,PC BOARD SUPPORT	2
8	8		1219245-00	BATTERY,3CELL 3.75V .18MA NICAD	1
9	9		9008451-01	SCREW LOCK,STANDOFF ONLY .060TH	8
10	10		9010376-01	SCREW,TAP PAN PHIL	6-
11	11		9010089-03	SCREW,TAP PAN PHIL THD RL	6-
12	12	D-IA-7018436-0-0	7018436-00	CARD CAGE DOOR ASSY.	1
13	13		9006707-00	WASHER,FLAT NYLON	4
14	14		9009157-01	ADH,LIQ.RM.TEMP CURING COLORLESS	A/R
15	15	A-PA-3700697-0-0	3700697-01	PKG MOTHER BD. KDF11-CA	A/R

16 NOTE: ITEM 15 TO BE USED FOR FIELD SERVICE SPARES ONLY

REVISION HISTORY			BASIC PART NO: KDF11			DRN: M. DUGGAN			DATE: 19-OCT-81			D I G I T A L		
ENG	ECO NUMBER	REV	SECTION A OF A			CHK'D: D. HEALY			DATE: 19-OCT-81			TITLE PARTS LIST		
	INITIAL	A	SECTION. VARIATION INDEX			DES.ENG.: R. SALETT			DATE: 19-OCT-81			LARGE SYSTEM UNIT MOTHERBOARD		
			[A] CA			RESP.ENG.: J. CYR			DATE: 30-JUN-82			DOCUMENT NUMBER		
			[B]			MFG.ENG.: J. CRABTREE			DATE: 30-JUN-82			SIZE CODE NUMBER REV		
			[C]			ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:			FILE NAME: EDIT		
			[D]			E-UA-KDF11-C-0			E-UA-PC350-0-0			Z2509A.PLS 13		
			[E]			"THIS DRAWING AND SPECIFICATIONS HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT (C) 1983. DIGITAL EQUIPMENT CORPORATION "								
			[F]											

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[illegible]



LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
1	1	D-MD-5015100-0-0	5015100-00	DRILL AND ETCH BD	1	
2	2		1001610-00	.01 MFD 50V +80-20% Z5U CER	3	C4-C6
3	3		1004812-00	15 MFD 20V 10% S.TANT	3	C23-C25
4	4		1004813-00	10 MFD 20V 10% S.TANT	1	C90
5	5		1012784-00	.047 MFD 50V +80-20% CER	41	C13,C30-C69
6	6		1013466-11	.22 MFD 50V +80-20% Z5U CER	5	C26-C29,C80
7	7		1013466-12	2200.0 MMF 50V 10% X7R CER	12	C9,C11,C12,C14-C22
8	8		1013466-45	220.0 MMF 50V 1%	6	C1-C3,C7,C8,C91
9	9		1110967-00	1N 4005 PIV=600 I= 1A D041 SI	5	D1,D5-D7,D9
10	10		1114117-00	1N 4152 PIV=40 I=75	3	D2-D4
11	11		1117373-00	LED ASSY GREEN	1	D8
12	12		1117373-01	LED ASSY RED	4	D10-D13
13	13		1209159-00	*** THIS ITEM IS NOT USED ***	-	
14	14		1210929-04	*** THIS ITEM IS NOT USED ***	-	
15	15		1215006-06	SKT,IC 24PIN DIP TIN SOLD	2	XE116,XE117
16	16		1215006-08	SKT,IC 40PIN DIP TIN SOLD	2	XE6,XE7
17	17		1218817-01	CARD EDGE 90PIN(2X45).100CC TBA	6	J10-J15
18	18		1219032-00	PCB HEADER 16PIN(1X16).156CC STR	1	J4
19	19		1219066-00	PCB HEADER 40PIN(2X20).100CC STR	2	J1,J2
20	20		1219251-00	PCB HEADER 02PIN(1X02).100CC STR	1	J3
21	21		1219517-01	CARD EDGE 22PIN(2X11).100CC STR	1	J8
22	22		1219678-01	SKT,IC 40PIN DIP MEMO	1	XE5
23	23		1219678-03	SKT,IC DUMMY PROTECTIVE COVE	1	
24	24		1219679-01	*** THIS ITEM IS NOT USED ***	-	
25	25		1219679-03	*** THIS ITEM IS NOT USED ***	-	
26	26		1219679-05	*** THIS ITEM IS NOT USED ***	-	
27	27		1219762-02	*** THIS ITEM IS NOT USED ***	-	
28	28		1219857-01	STANDOFF,NYLON	4	
29	29		1300250-00	150.0 .25 W 5.0 % CF	1	R21
30	30		1300271-00	220.0 .25 W 5.0 % CF	5	R22-R25,R61

REVISION HISTORY			BASIC PART NO: 5415101		DRN: JOHN COTE		DATE: 10-JAN-82		D I G I T A L			
ENG	ECO NUMBER	REV	SECTION A OF A						TITLE PARTS LIST			
---	INITIAL	A	SECTION VARIATION INDEX		CHK'D: RON SALETT		DATE: 12-JAN-82		CT100 SYSTEM MODULE			
RS	5415101-ML001	B	[A] 00		DES.ENG: RON SALETT		DATE: 10-JAN-82					
RS	5415101-ML003	C	[B]		RESP.ENG.: RON SALETT		DATE: 10-JAN-82		DOCUMENT NUMBER			
			[C]						SIZE	CODE	NUMBER	REV
			[D]		MFG.ENG.: R. E. POWERS		DATE: 02-MAR-82		K	PL	5415101-0-DBP	C
			[E]		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:		EDIT #	
			[F]		E-UA-5415101-0-0		B-DD-5415101-0-0		Z2546C.PLS		16	
			[G]									
			[H]									
			[I]									
			[J]									
			[K]									
			[L]									
			[M]									
			[N]									
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P A R T S L I S T

SHEET A2 OF A5

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER VARIATION	REFERENCE DESIGNATOR
					00		
31	31		1300316-00	470.0			R44
32	32		1300365-00	1.0 K			R8,R9,R53,R91,R93
33	33		1300391-00	1.50 K			R18-R20
34	34		1300432-00	3.0 K			R7,R43
35	35		1300479-00	10.0 K			R27,R36-R39,R56,R60,R76,R87,R89,R95
36	36		1301425-00	300.0			R26,R92
37	37		1301477-00	82.0			R4
38	38		1301972-00	270.0			R1,R5
39	39		1302377-00	39.0			R32,R34
40	40		1303110-00	19.60			R28
41	41		1304838-00	43.0 K			R6,R10-R17,R40,R41,R52,R54,R55,R57-R59,R63,R65,R66,R79-R84,R90
42	42		1304858-00	348.0			R29,R30
43	43		1309422-00	5.10			R2,R3
44	44		1309595-00	1.0 M			R49,R77,R78
45	45		1310636-00	82.50 K			R35
46	46		1313580-00	360.0			R31,R33
47	47		1313597-00	23.70 K			R42,R50,R51,R67-R75
48	48		1317404-00	249.0			R62
49	49		1319373-01	R NETWORK 14-330			E11,E21,E32
50	50		1319373-02	R NETWORK 14-1.5K			E63,E153
51	51		1319610-01	750.0 K			R85
52	52		1319645-01	487.0 K			R86
53	53		1510706-00	XA 55			Q1
54	54		1617533-00	DELAY= 250NS,5TAPS			E97
55	55		1811660-02	OSCILLATOR, XTAL 5.0688 MHZ			E163
56	56		1811660-20	OSCILLATOR, XTAL 26.666 MHZ			E33
57	57		1818800-00	OSCILLATOR, XTAL 32.768KHZ			E166
58	58		1910532-00	*** THIS ITEM IS NOT USED ***			
59	59		1910533-00	74S03 NAND GATE-QUAD 2IN,0			E85
60	60		1910534-00	*** THIS ITEM IS NOT USED ***			
61	61		1910536-00	74S10 NAND GATE-TRIPLE 3IN			E27,E89
62	62		1910537-00	74S11 AND GATE-TRIPLE 3INP			E136
63	63		1910539-00	74S20 NAND GATE-DUAL 4INPU			E35
64	64		1910542-00	74S64 A-0-I GATE 4-2-3-2			E25
65	65		1910544-00	*** THIS ITEM IS NOT USED ***			
66	66		1910544-01	*** THIS ITEM IS NOT USED ***			
67	67		1910545-00	74S112 FF-JK DUAL,EDGE TRIG			E147
68	68		1910550-00	*** THIS ITEM IS NOT USED ***			
69	69		1910957-00	*** THIS ITEM IS NOT USED ***			
70	70		1911469-00	*** THIS ITEM IS NOT USED ***			
71	71		1911675-00	*** THIS ITEM IS NOT USED ***			
72	72		1911712-00	*** THIS ITEM IS NOT USED ***			
73	73		1912388-00	*** THIS ITEM IS NOT USED ***			
74	74		1912389-00	74S08 AND GATE-QUAD 2IN,PO			E73,E159
75	75		1912697-00	*** THIS ITEM IS NOT USED ***			
76	76		1912746-00	DEC 74S37 NAND GATE-QUAD 2IN			E60

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							CT100 SYSTEM MODULE		K	PL	5415101-0-DBP	C

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
77	77		1912799-00	LS00 NAND-GATE-QUAD 2IN,P	2	E120,E140
78	78		1912801-00	*** THIS ITEM IS NOT USED ***	-	
79	79		1912803-00	LS04 INVERTER GATE,HEX	3	E37,E74,E156
80	80		1912805-00	*** THIS ITEM IS NOT USED ***	-	
81	81		1912807-00	*** THIS ITEM IS NOT USED ***	-	
82	82		1912808-00	LS11 AND GATE-TRIPLE 3IN	1	E114
83	83		1912813-00	LS27 NOR GATE-TRIPLE 3IN	1	E99
84	84		1912815-00	LS30 NAND GATE-SINGLE 8IN	1	E40
85	85		1912816-00	*** THIS ITEM IS NOT USED ***	-	
86	86		1912824-00	*** THIS ITEM IS NOT USED ***	-	
87	87		1912842-00	LS138 DECODER-THREE INPUT,	4	E61,E124,E138,E139
88	88		1912853-00	*** THIS ITEM IS NOT USED ***	-	
89	89		1912858-00	*** THIS ITEM IS NOT USED ***	-	
90	90		1912862-00	LS266 X-NOR GATE-QUAD,OPN,	1	E95
91	91		1912870-00	LS353 MUX 1 OF 4 (DUAL)	2	E109,E132
92	92		1912871-00	*** THIS ITEM IS NOT USED ***	-	
93	93		1913340-00	74S32 OR GATE-QUAD 2IN	1	E49
94	94		1913462-00	*** THIS ITEM IS NOT USED ***	-	
95	95		1913671-00	*** THIS ITEM IS NOT USED ***	-	
96	96		1913777-00	*** THIS ITEM IS NOT USED ***	-	
97	97		1913887-00	74S258 MUX 1 OF 2(QUAD)TRI	2	E102,E118
98	98		1914085-00	74S260 NOR GATE-DUAL,POS	1	E111
99	99		1914140-01	LM 211P COMPARATOR,VOLTAGE	1	E164
100	100		1914214-00	*** THIS ITEM IS NOT USED ***	-	
101	101		1914451-00	*** THIS ITEM IS NOT USED ***	-	
102	102		1915123-03	*** THIS ITEM IS NOT USED ***	-	
103	103		1915193-00	*** THIS ITEM IS NOT USED ***	-	
104	104		1915218-00	*** THIS ITEM IS NOT USED ***	-	
105	105		1915219-00	*** THIS ITEM IS NOT USED ***	-	
106	106		1915415-00	*** THIS ITEM IS NOT USED ***	-	
107	107		1916028-01	9643 DRIVER,TTL TO MOS,D	1	E28
108	108		1918708-00	*** THIS ITEM IS NOT USED ***	-	
109	109		1918868-00	LS26 NAND GATE,2-IN,HIGH	1	E165
110	110		1919018-00	LS148 PRIORITY ENCODER,8 T	1	E79
111	111		1919684-01	LM 385B2 PREC VOLT REF. 1.23	1	D14
112	112		2112623-00	DUAL BAUD RATE GEN/PROG DIVIDER,	1	E131
113	113		2115542-01	DC 304 F11 MMU,FLOAT PT REG	1	E7
114	114		2117004-01	9519A UNIVERSAL INTERRUPT	3	E150-E152
115	115		2118623-00	2661-3COMMUNICATIONS,INTER	2	E154,E155
116	116		2118795-00	146818 CLOCK/CALENDAR/RAM	1	E149
117	117		2118856-00	CONTROLLER,MULTI-PROTOCOL SERIAL	1	E141
118	118		23061E4-00	*** THIS ITEM IS NOT USED ***	-	
119	119		23062E4-00	*** THIS ITEM IS NOT USED ***	-	
120	120		23076C6-00	C6-01	1	E115
121	121		23346A1-00	A1-07	1	E127
122	122		23625A2-00	A2-05	1	E104
123	123		5700000-01	DAT/CTL HYBRID ASSY W/FP,DCF11-A	1	E6
124	124		7425654-00	SLIDE, MOTHER BD. (LEFT SIDE)	1	

D	I	G	I	T	A	L	TITLE	CT100 SYSTEM MODULE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	5415101-0-DBP	C

AUTOMATED BY PRTLST.3P(44)

P A R T S L I S T

SHEET A4 OF A5

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY 00	PER VARIATION	REFERENCE DESIGNATOR
125	125		7425706-00	MOTHER BOARD SLIDE (RIGHT)	1		
126	126		7425707-00	BRACKET, GUIDANCE, P.C. BOARD	1		
127	127		9006010-01	*** THIS ITEM IS NOT USED ***	-		
128	128		9000024-01	EYELET, ROLLED 0.1210DX0.192	12		
129	129		9008054-00	*** THIS ITEM IS NOT USED ***	-		
130	130		9009185-00	JUMPER, WIRE, INSULATED, BLACK B	5		W1-W5
131	131		1220365-01	CONN, D SUB 9PIN ASSY RT ANGLE W	1		J6
132	132		1220365-02	CONN, D SUB 15PIN ASSY RT ANGLE W	1		J5
133	133		1220398-03	CONN, D SUB 25PIN ASSY RT ANGLE	1		J7
134	134		1220399-01	CONN, D SUB 15SKT ASSY RT ANGLE	1		J9
135	135		23115E4-00	E4-01, E4-02, E4-03	1		E117
136	136		23116E4-00	E4-01, E4-02, E4-03	1		E116
137	137		9105740-55	WIRE(WRAP) 30AWG KYNAR UL14	A/R		
138	138		1910532-80	74S00 BURNED-IN NAND GATE-	5		E23, E71, E75, E101, E146
139	139		1910534-80	74S04 BURNED-IN INVERTER G	4		E16, E36, E58, E98
140	140		1910544-81	74S74 BURNED-IN FF-D	3		E84, E112, E137
141	141		1910550-80	74S174 BURNED-IN FF-D HEX	3		E24, E55, E64
142	142		1910957-80	74S175 BURNED-IN FF-D QUAD	4		E15, E34, E143, E148
143	143		1911469-80	8640 BURNED-IN RECEIVER, B	1		E92
144	144		1911675-80	74S138 BURNED-IN DECODER/DE	3		E1, E65, E66
145	145		1911712-80	74S51 BURNED-IN AND/OR GAT	3		E48, E51, E53
146	146		1912388-80	74S02 BURNED-IN NOR GATE-Q	5		E47, E57, E86, E100, E113
147	147		1912697-80	LS174 BURNED-IN FF-D HEX W	1		E161
148	148		1912801-80	LS02 BURNED-IN NOR GATE-Q	4		E38, E88, E122, E134
149	149		1912805-80	LS08 BURNED-IN AND GATE-Q	2		E2, E105
150	150		1912807-80	LS10 BURNED-IN NAND GATE-	2		E59, E72
151	151		1912816-80	LS30 BURNED-IN OR GATE-QU	1		E160
152	152		1912824-80	LS74 BURNED-IN FF-D DUAL-	5		E13, E22, E121, E145, E162
153	153		1912853-80	LS175 BURNED-IN FF-D, QUAD	2		E94, E106
154	154		1912858-80	LS221 BURNED-IN ONE SHOT, D	1		E70
155	155		1912871-80	LS357 BURNED-IN LATCH	7		E41, E52, E76, E77, E80, E93, E119
156	156		1913462-80	74S240 BURNED-IN OCTAL BUFF	6		E3, E12, E17, E42, E43, E142
157	157		1913671-80	74S374 BURNED-IN FF-D OCTAL	3		E4, E19, E30
158	158		1913777-80	LS240 BURNED-IN DRIVER, LIN	3		E90, E128, E129
159	159		1914214-80	LS374 BURNED-IN FF-D OCTAL	2		E9, E82
160	160		1914451-80	LS393 BURNED-IN COUNTER, BI	1		E144
161	161		1915123-83	26LS32-3 RECEIVER, LINE BURNE	3		E83, E96, E133
162	162		1915193-80	LS244 BURNED-IN DRIVER, LIN	9		E8, E18, E29, E91, E103, E107, E108,
						CONT	E123, E130
163	163		1915218-80	LS245 BURNED-IN TRANSCEIVE	2		E125, E126
164	164		1915219-80	LS373 BURNED-IN FF-O OCTAL	2		E62, E78
165	165		1915415-80	9636 BURNED-IN DRIVER, DUA	5		E67, E69, E81, E157
166	166		1918708-80	8307 BURNED-IN TRANSCEIVER	3		E10, E20, E31
167	167		1910544-80	74S74 BURNED-IN FF-D DUAL,	13		E14, E26, E39, E44-E46, E50, E54, E56,
						CONT	E87, E110, E135, E158

D	I	G	I	T	A	L	TITLE	CT100 SYSTEM MODULE	SECTION A	OF A	SIZE	CODE	DOCUMENT NUMBER	REV
									K		PL	5415101-0-DBP	C	

AUTOMATED BY PRTLST.3P(44)

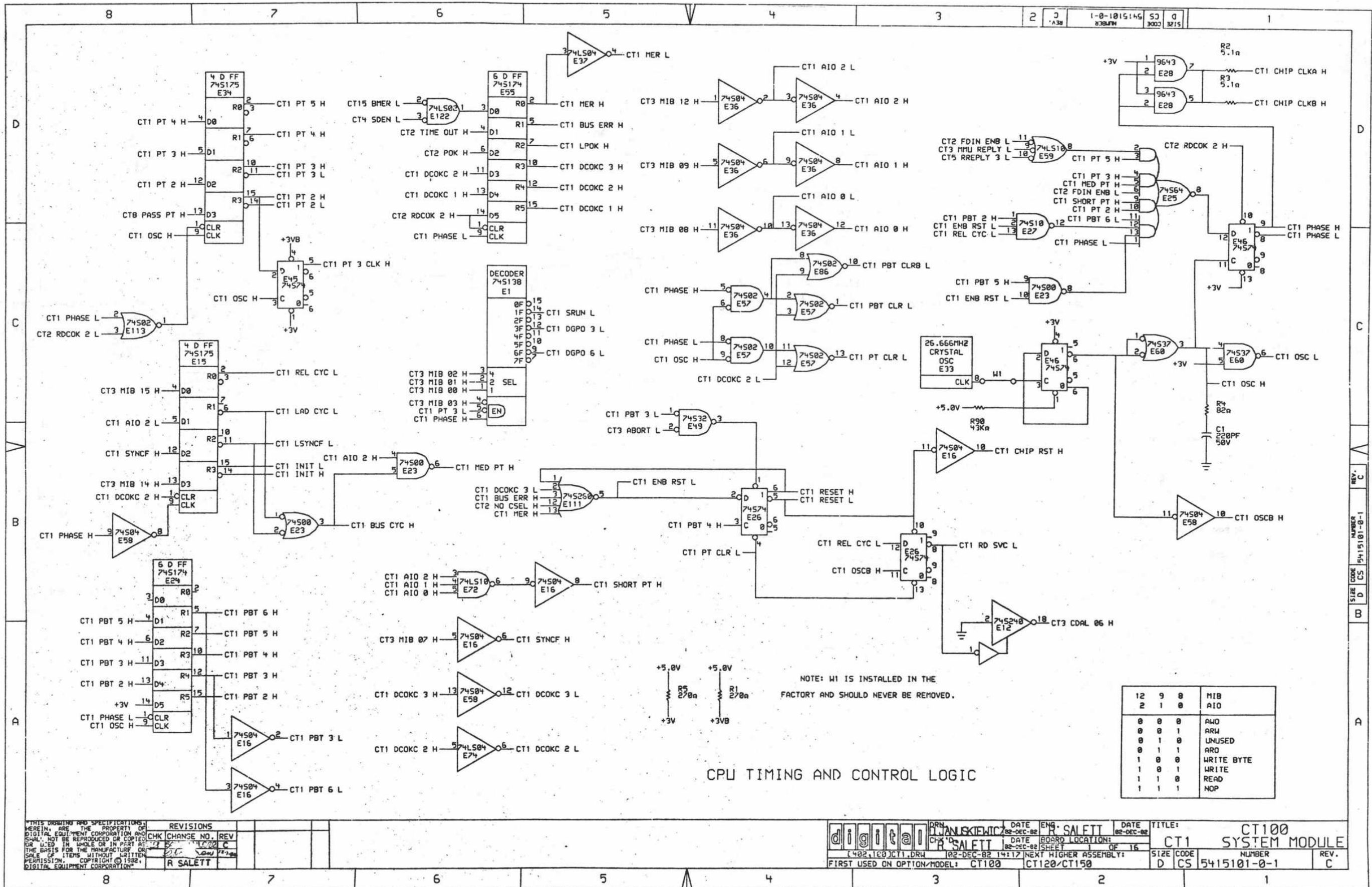
PARTS LIST

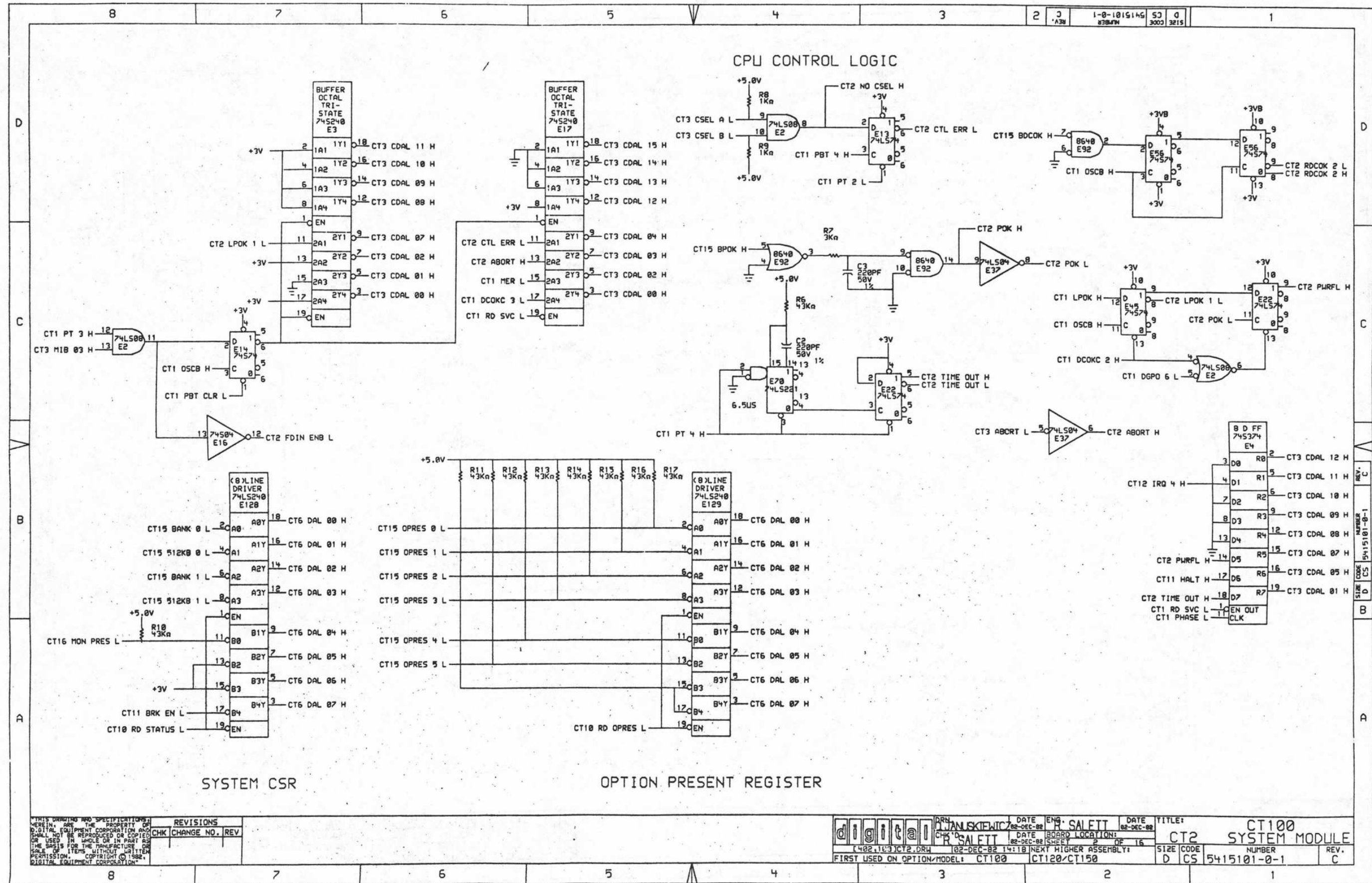
SHEET A5 OF A5

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
------	------	-----------------	-------------	-------------	-------------------------	----------------------

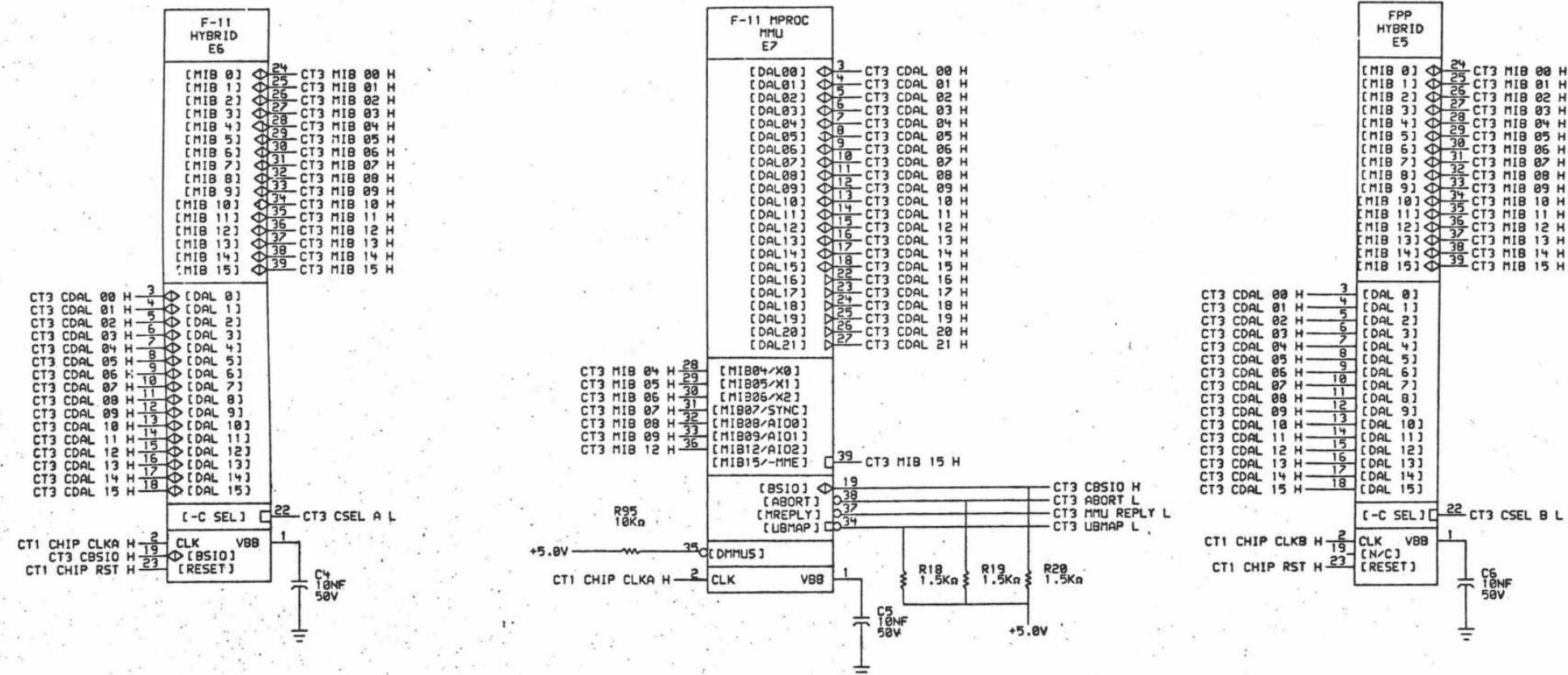
168 NOTE: XE5 SOCKET IS FOR FP11 OPTION (5700001-01)KEF11-AC MOUNTED ON SPECIAL SOCKET CARRIER (1219678-02).

D	I	G	I	T	A	L	TITLE	CT100 SYSTEM MODULE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	5415101-0-DBP	C





F11 CPU CHIP SET



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REVISIONS
CHK CHANGE NO. REV

digital

DATE 02-DEC-82
ENG. SALETT
DATE 02-DEC-82
BOARD LOCATION: 3 OF 16
SHEET 3 OF 16

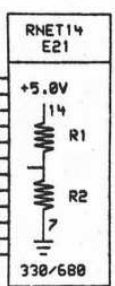
TITLE: CT100 SYSTEM MODULE

FIRST USED ON OPT: ON-MODEL: CT100 CT120/CT150

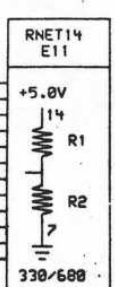
SIZE CODE D CS 5415101-0-1

REV. C

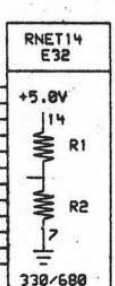
CT15 BDAL 00 L 1
CT15 BDAL 01 L 2
CT15 BDAL 02 L 3
CT15 BDAL 03 L 4
CT15 BDAL 04 L 5
CT15 BDAL 05 L 6
CT15 BDAL 06 L 7
CT15 BDAL 07 L 8
CT15 BDAL 08 L 9
CT15 BDAL 09 L 10
CT15 BDAL 10 L 11
CT15 BDAL 11 L 12



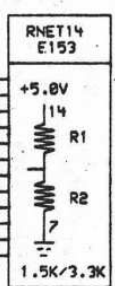
CT15 BDAL 12 L 1
CT15 BDAL 13 L 2
CT15 BDAL 14 L 3
CT15 BDAL 15 L 4
CT15 BDAL 16 L 5
CT15 BDAL 17 L 6
CT15 BDAL 18 L 7
CT15 BDAL 19 L 8
CT15 BDAL 20 L 9
CT15 BDAL 21 L 10
CT15 BIOSL L 11
CT15 BAS L 12



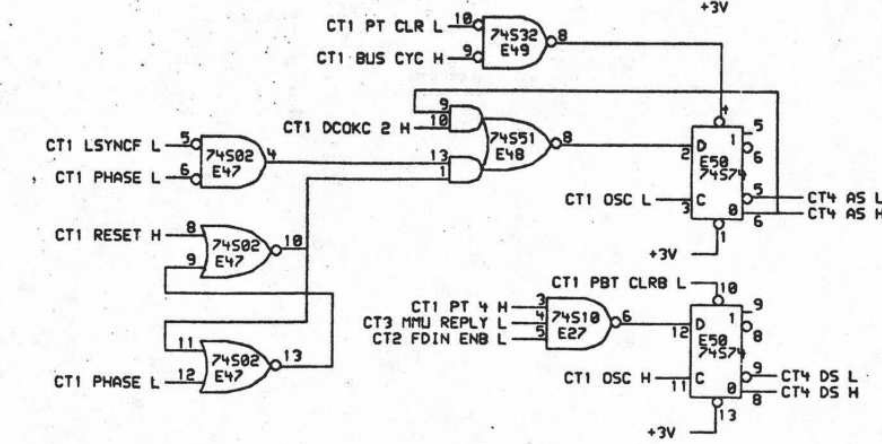
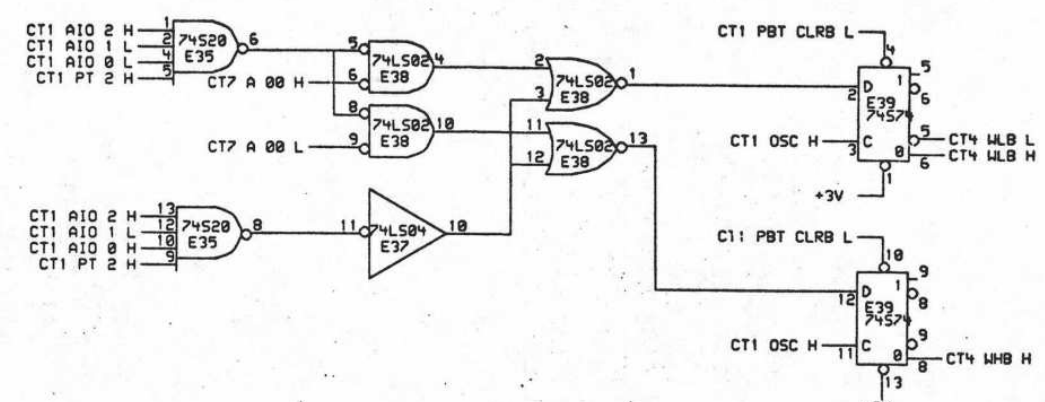
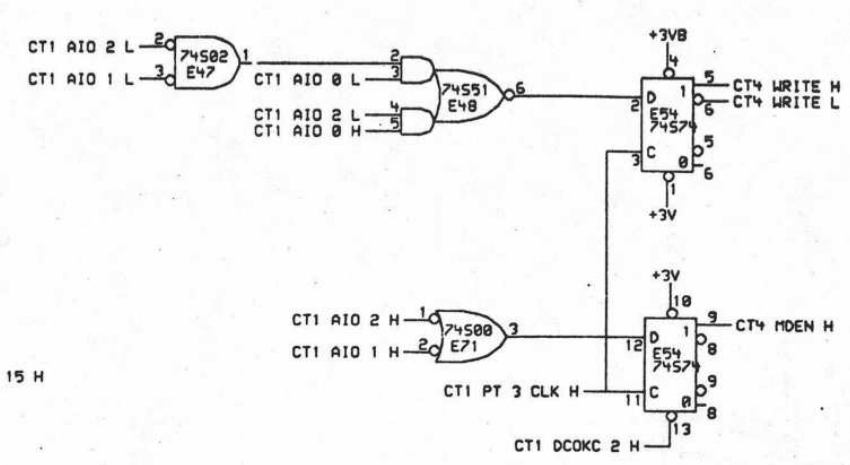
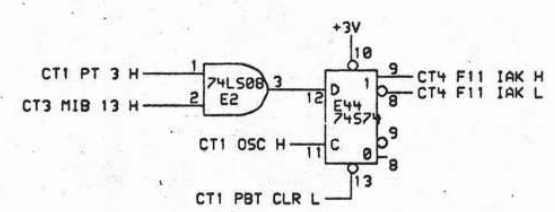
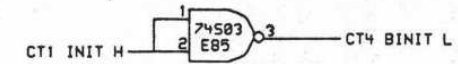
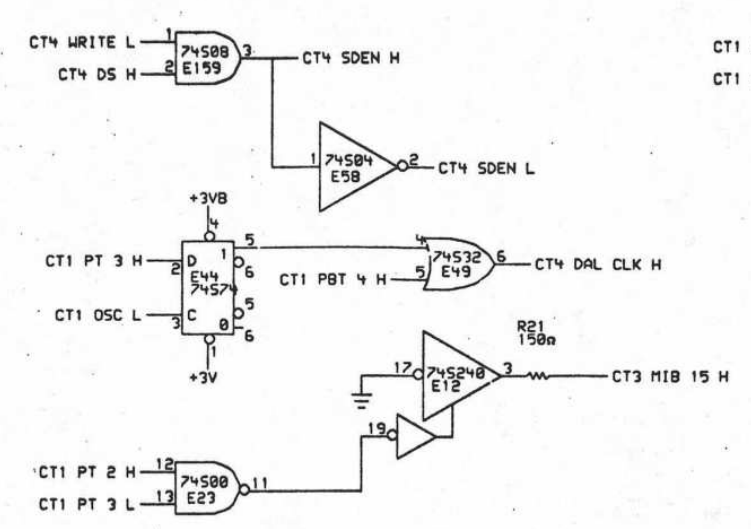
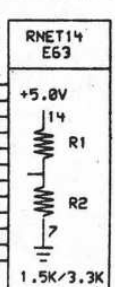
CT15 BDS L 1
CT15 BWRITE L 2
CT15 BHLB L 3
CT15 BWHB L 4
CT15 BMDEN L 5
CT15 BSDEN L 6
CT15 BMLR L 7
CT15 BMLY L 8
CT15 BBUSY L 9
CT4 BINIT L 10
CT4 BP 0 L 11
CT4 BP 1 L 12



CT15 IRQA 0 L 1
CT15 IRQA 1 L 2
CT15 IRQA 2 L 3
CT15 IRQA 3 L 4
CT15 IRQA 4 L 5
CT15 IRQB 0 L 6
CT15 IRQB 1 L 7
CT15 IRQB 2 L 8
CT15 IRQB 3 L 9
CT15 IRQB 4 L 10
CT15 IRQB 5 L 11



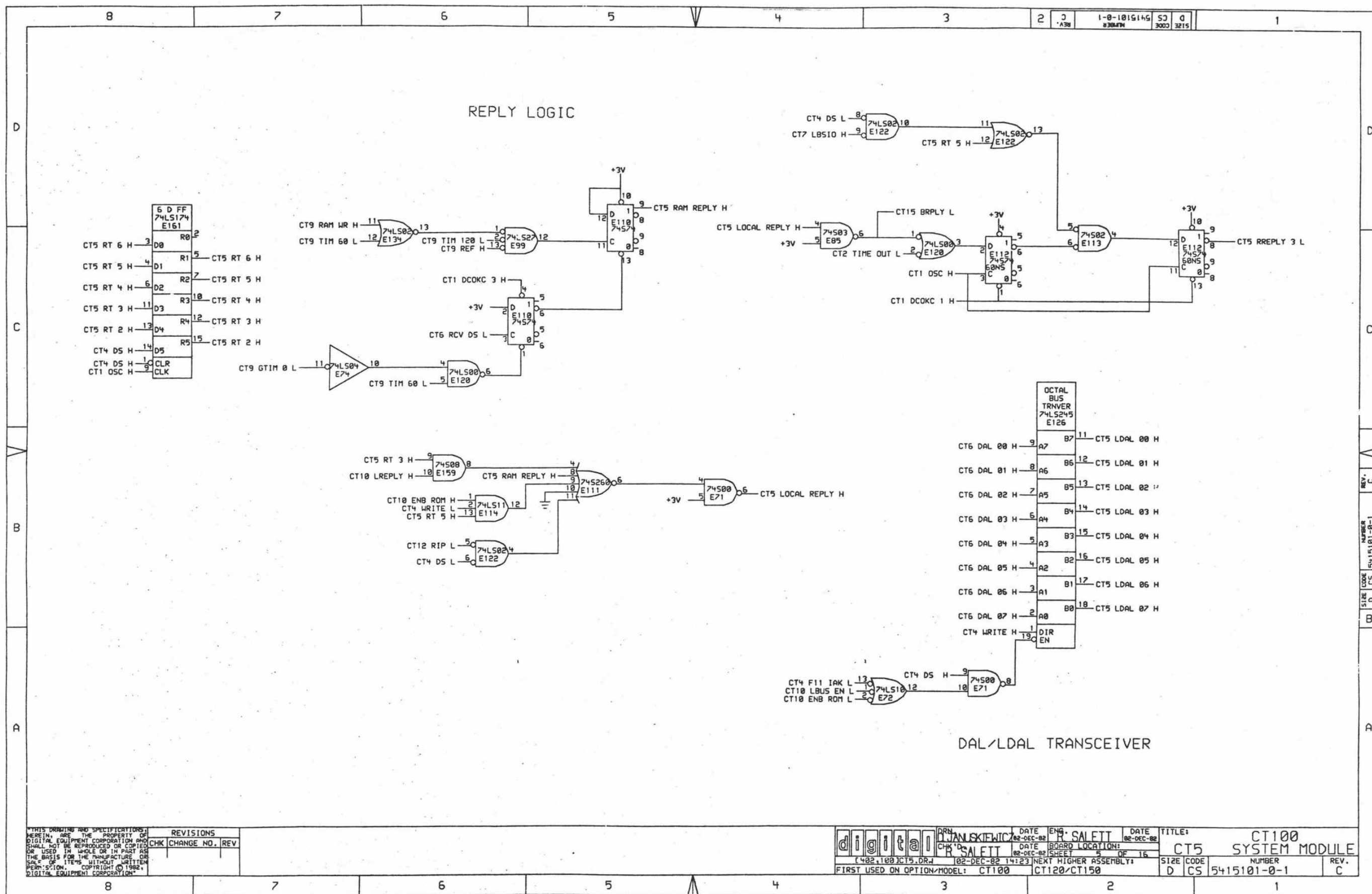
CT15 DMR 0 L 1
CT15 DMR 1 L 2
CT15 DMR 2 L 3
CT15 DMR 3 L 4
CT15 DMR 4 L 5
CT15 DMR 5 L 6
CT15 BSPARE 0 L 7
CT15 BSPARE 1 L 8
CT15 BSPARE 2 L 9
CT15 BSPARE 3 L 10
CT15 BSPARE 4 L 11

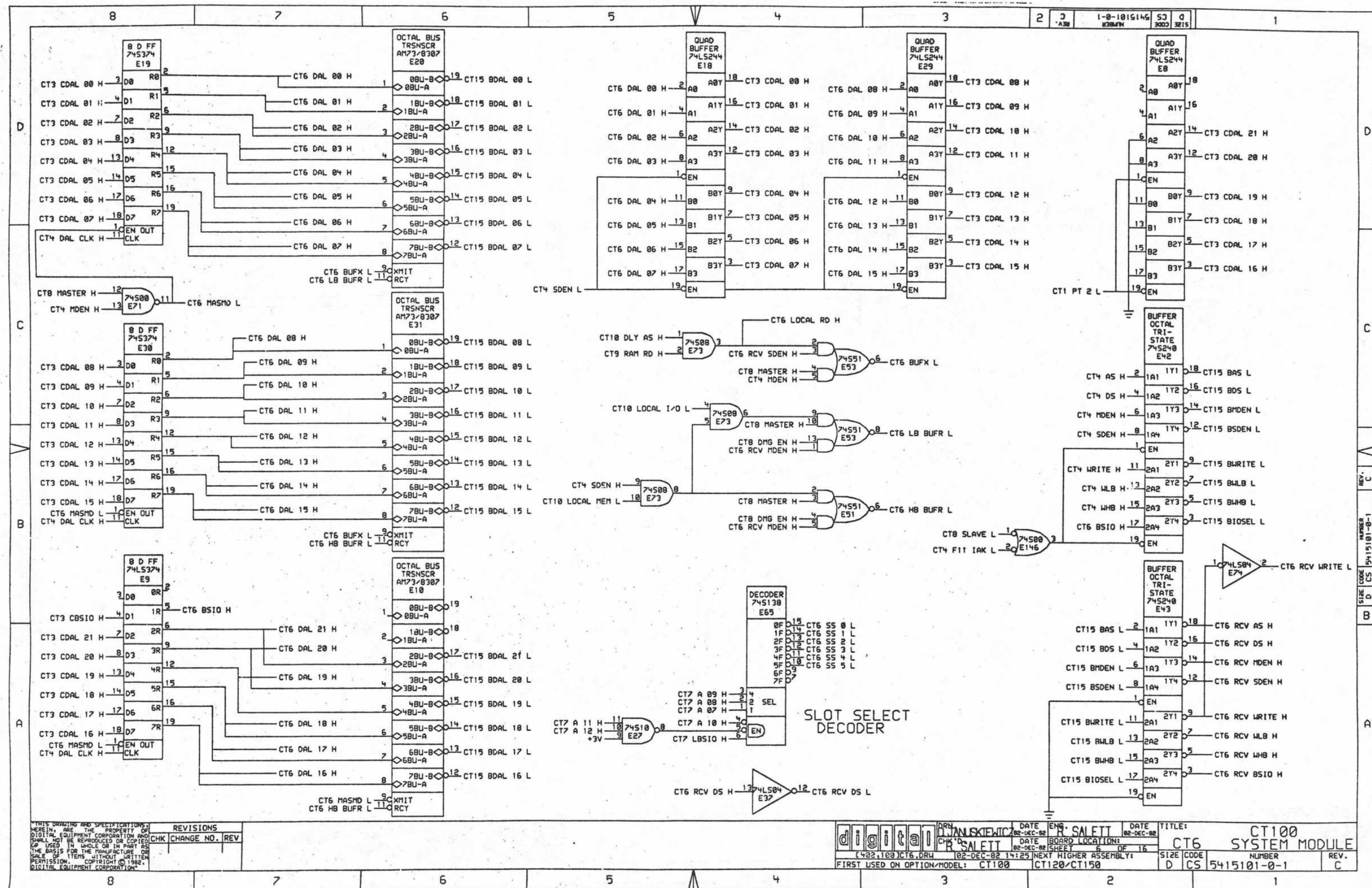


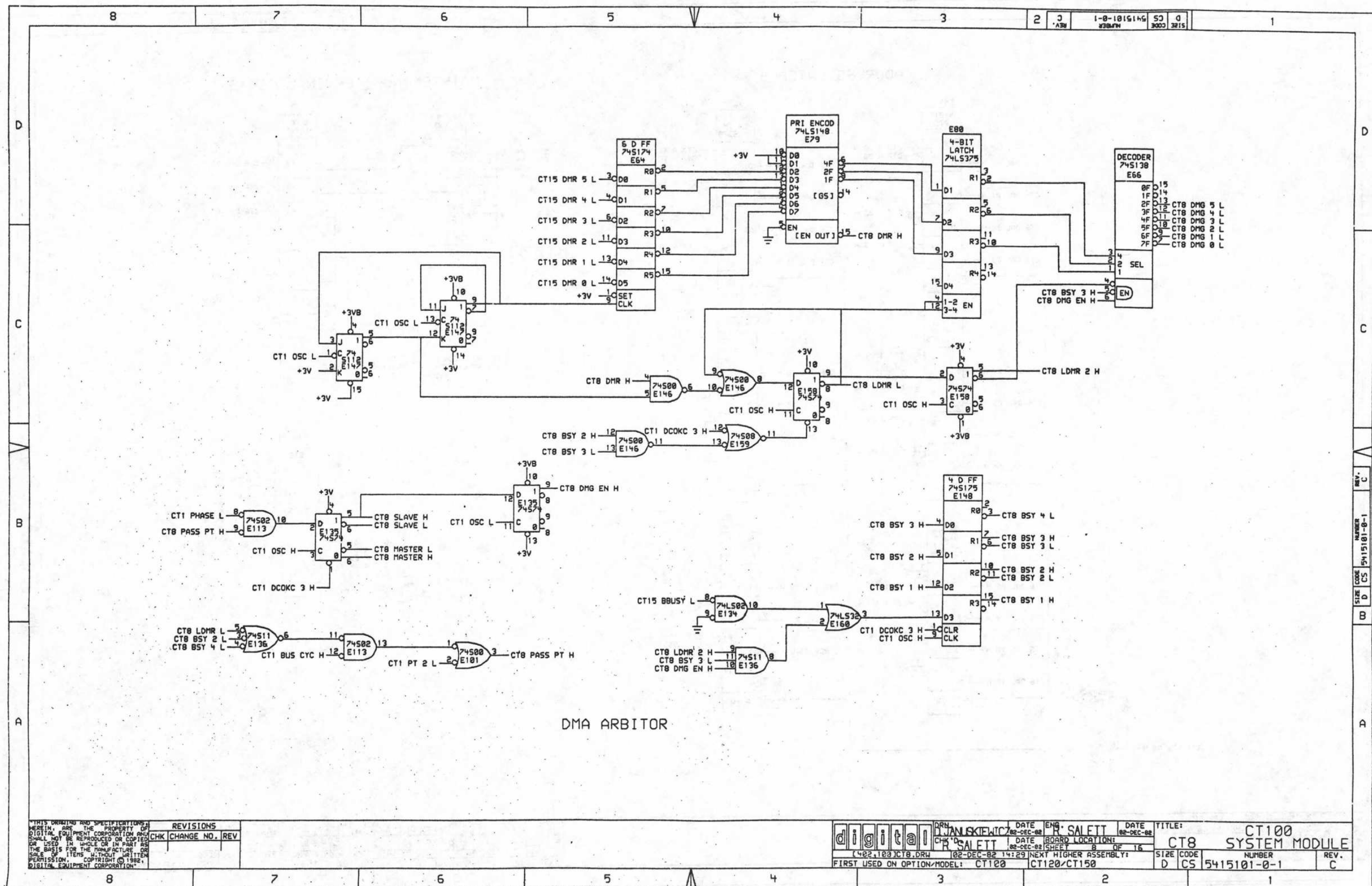
BUS CONTROL LOGIC AND TERMINATION

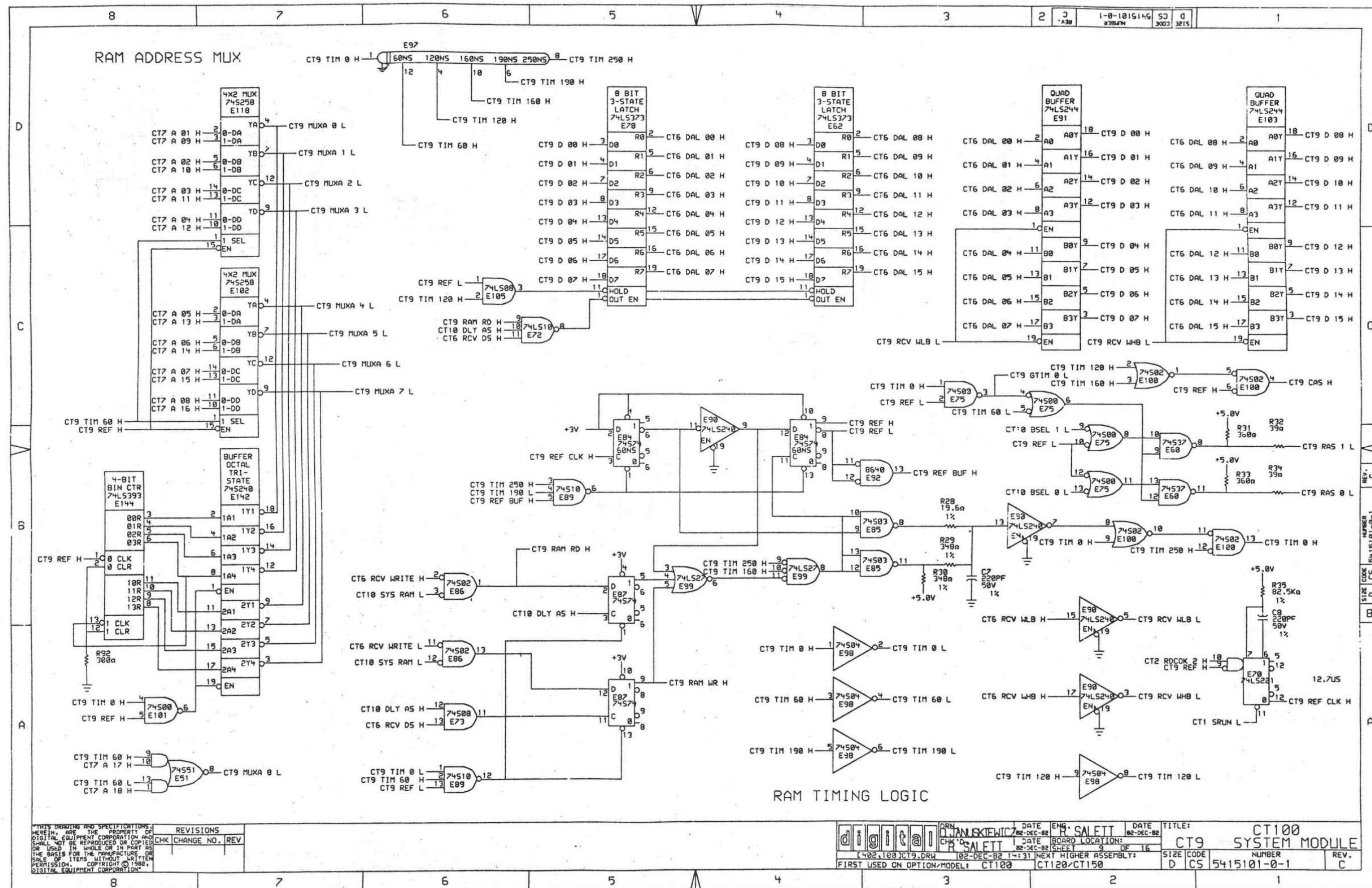
REVISIONS	
CHK	CHANGE NO. REV.

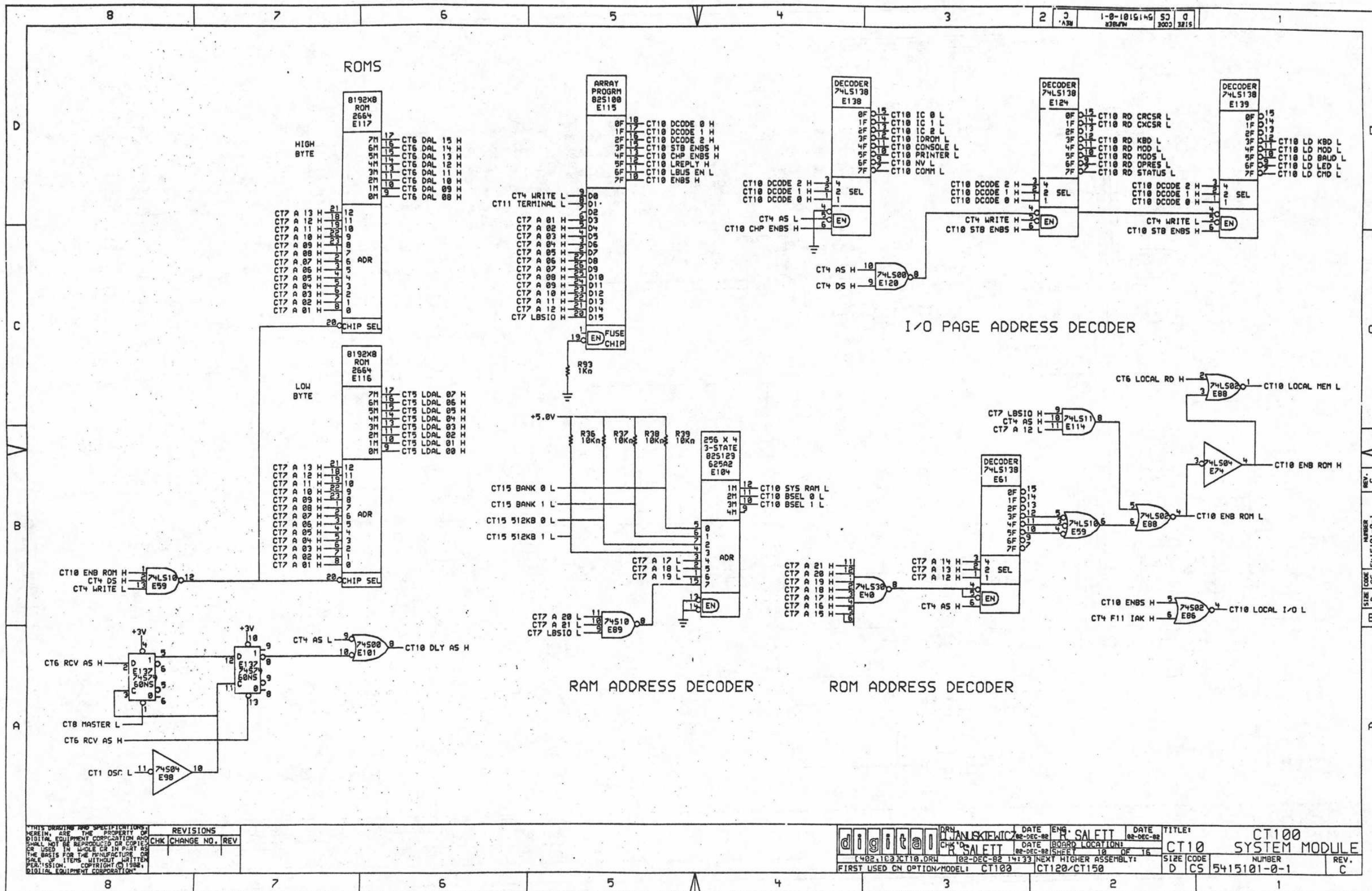
digital	DATE 02-DEC-82	ENG. SALETT	DATE 02-DEC-82	TITLE: CT100 SYSTEM MODULE
102-100 CT4.DRW	02-DEC-82	14122	NEXT HIGHER ASSEMBLY: CT120/CT150	SIZE CODE D CS 5415101-0-1
FIRST USED ON OPTION/MODEL: CT100	CT120/CT150	NUMBER	REV. C	







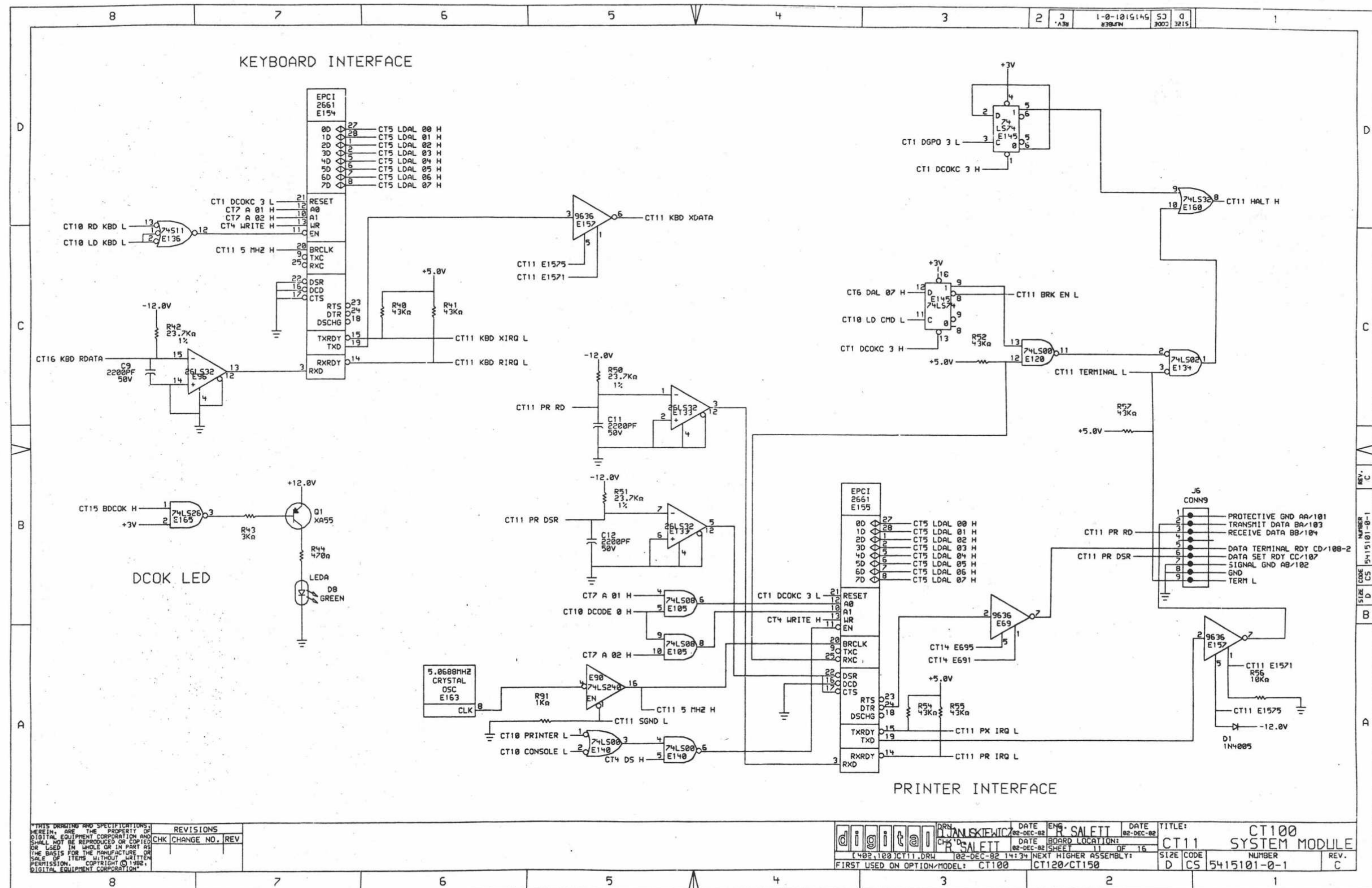


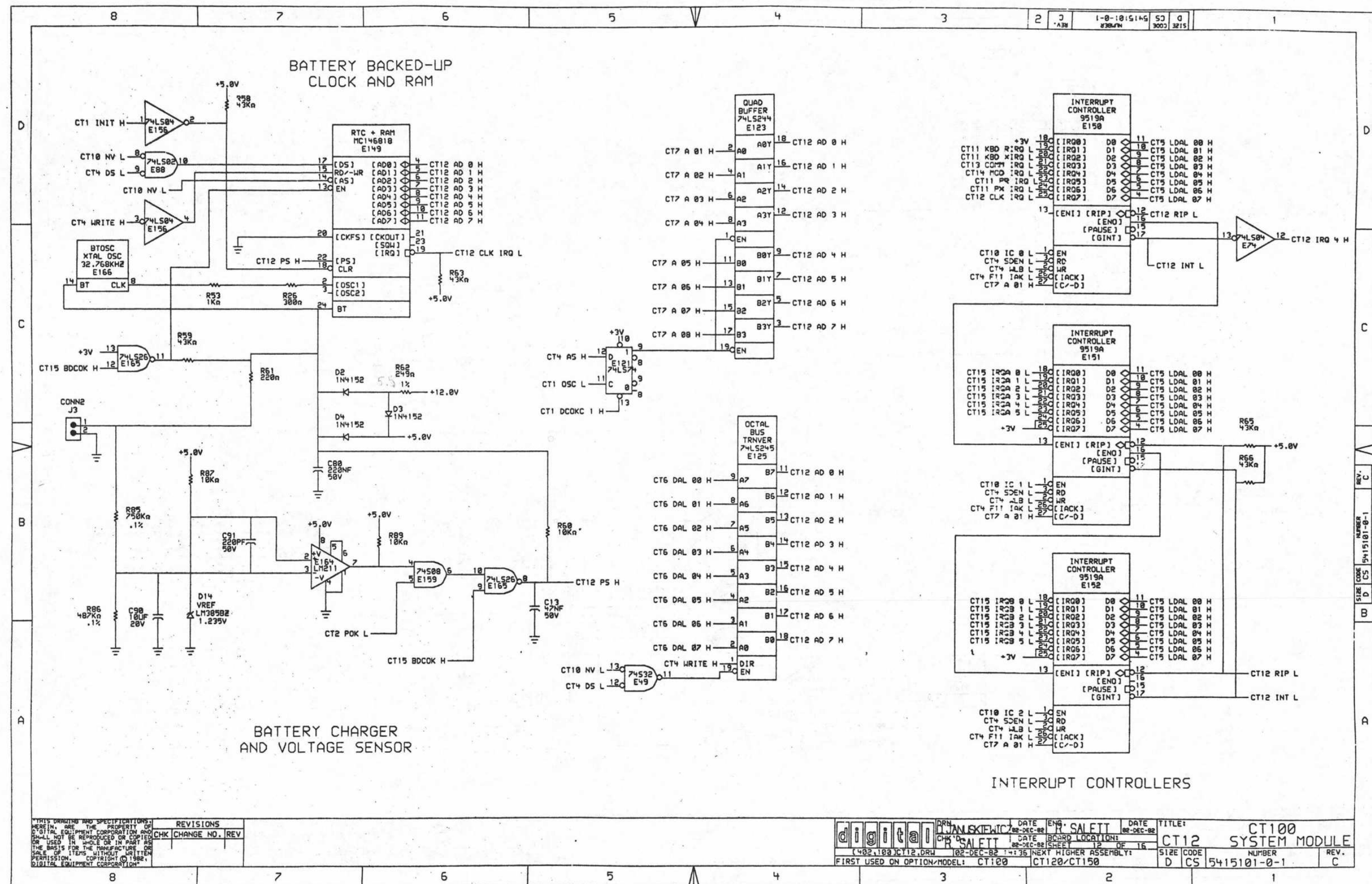


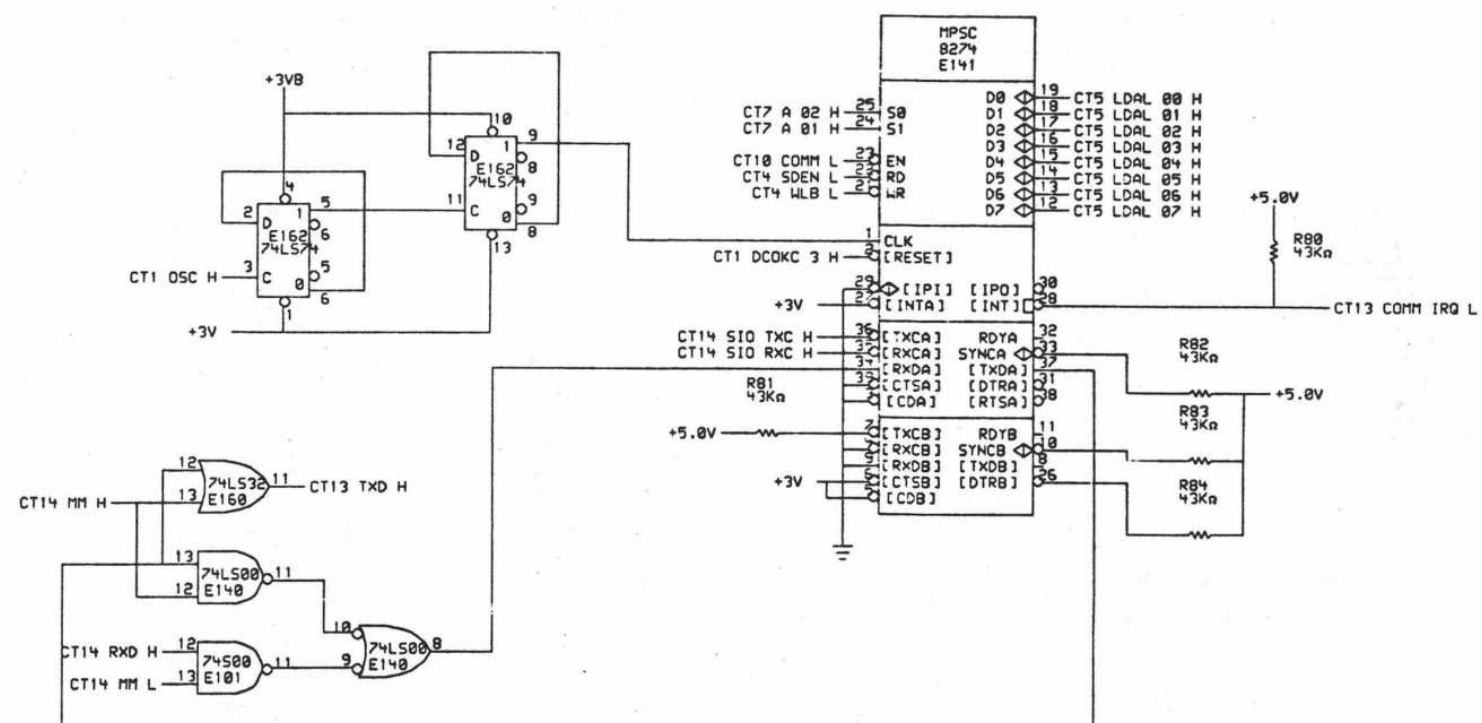
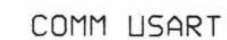
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REVISIONS	CHK	CHANGE NO.	REV

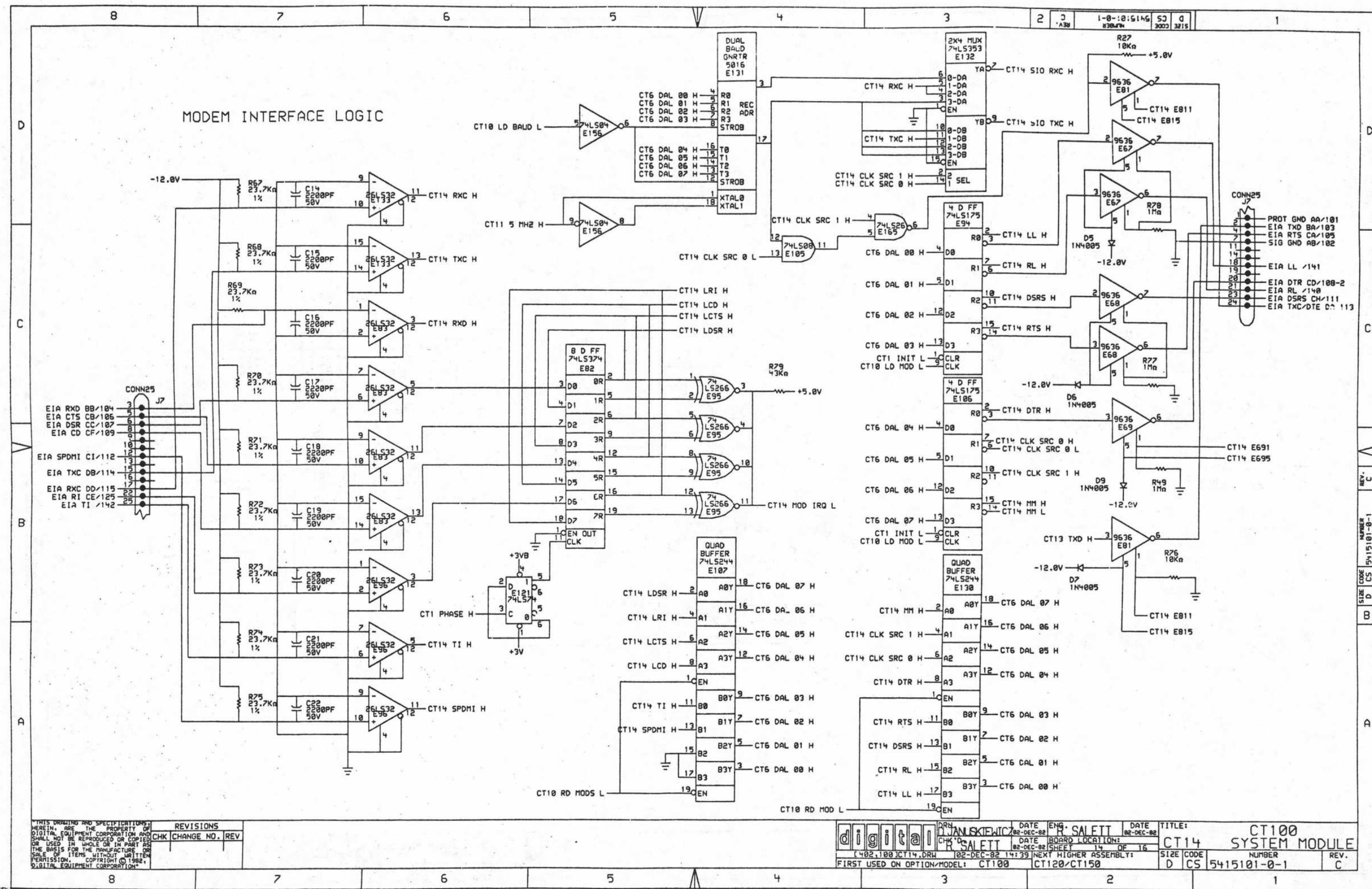
digital	DATE 02-DEC-82	ENG. R. SALETT	DATE 02-DEC-82	TITLE: CT100 SYSTEM MODULE
CHK. R. SALETT	DATE 02-DEC-82	BOARD LOCATION: 10 OF 16	SIZE CODE D C5	NUMBER 5415101-0-1
FIRST USED ON OPTION/MODEL: CT100	02-DEC-82 14:33	NEXT HIGHER ASSEMBLY: CT120/CT150	REV. C	



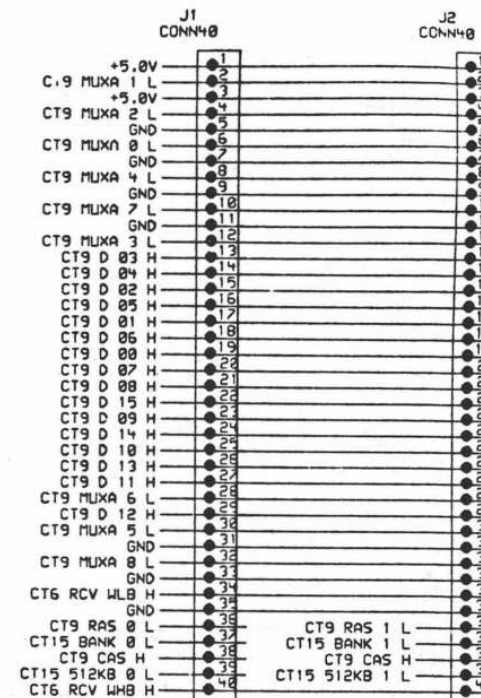
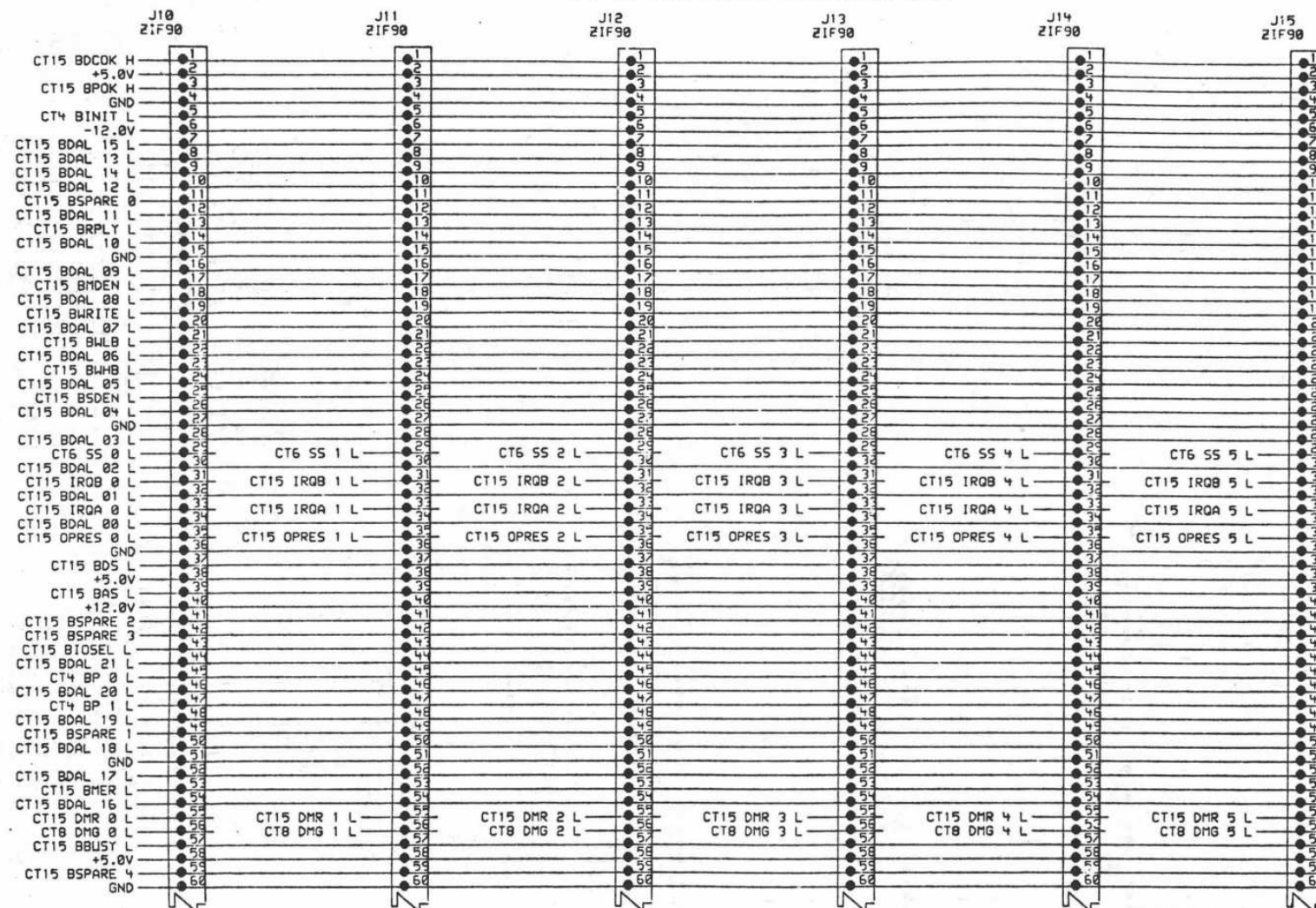




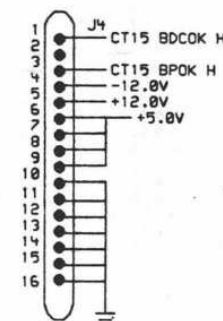
SIZE	CODE	NUMBER	REV.
D	CS	5415101-0-1	C



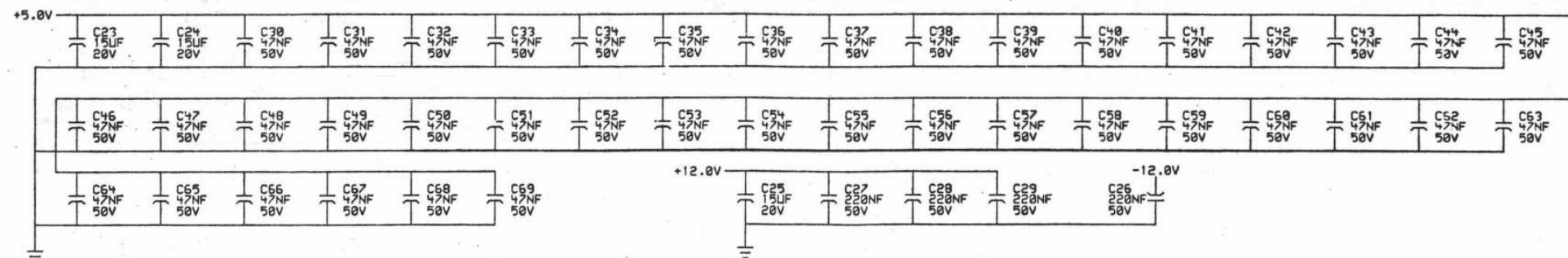
CT BACKPLANE CONNECTORS



RAM BOARD CONNECTORS



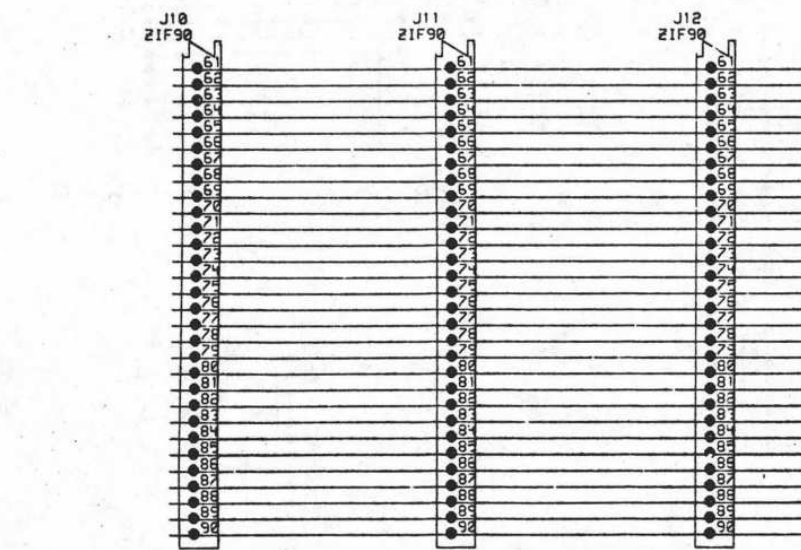
DC POWER CONN



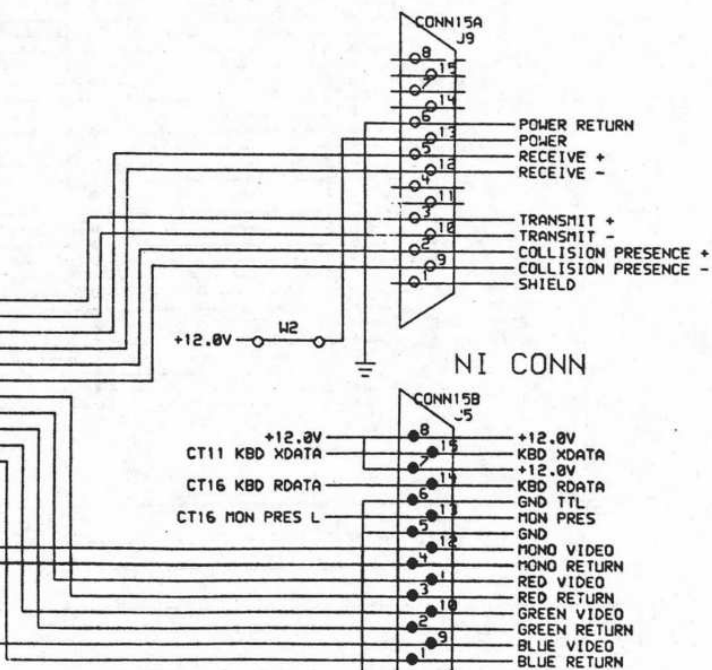
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REVISIONS		
CHK	CHANGE NO.	REV.

digital	DATE 02-DEC-82	ENG. R. SALET	DATE 02-DEC-82	TITLE: CT100 SYSTEM MODULE
CHK. R. SALET	DATE 02-DEC-82	BOARD LOCATION: 1A OF 16	SIZE CODE D	NUMBER 5415101-0-1
FIRST USED ON OPTION/MODEL: CT100	CT120/CT150	NEXT HIGHER ASSEMBLY:	REV. C	



■ -12V IS CONNECTED TO PIN 5 OF EACH 9636 THROUGH A DIODE.



VIDEO/KEYBOARD CONN

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BIT MAP VIDEO CONTROLLER (TC)
BIT MAP VIDEO CONTROLLER (PL)
VIDEO GENERATOR (DD)
VIDEO GENERATOR
VIDEO GENERATOR (PL)
VIDEO GENERATOR

[illegible]Print Set Part Number MP- 01470-00

REVISION HISTORY	REV.	A	DRN.	M. J. THOMPSON	DATE	6/3/82	TITLE			digital		
	ECO NUMBER	INITIAL	CHK'D	<i>J. Keagy</i>	DATE	14 JUL 82	BIT MAP VIDEO CONTROLLER					
			DES. ENG.	<i>W.H. Hnaelse</i>	DATE	27 JUL 82						
			RESP. ENG.	<i>John Wiseman</i>	DATE	7/14/82						
			FIELD SERVICE	<i>Ken G...</i>	DATE	7/27/82						
	DATE		NEXT HIGHER DOC.		DOCUMENT NUMBER			SIZE	CODE	NUMBER	REV.	
				B	TC	VC201-0-1	A					
SHEET 1 OF 1												

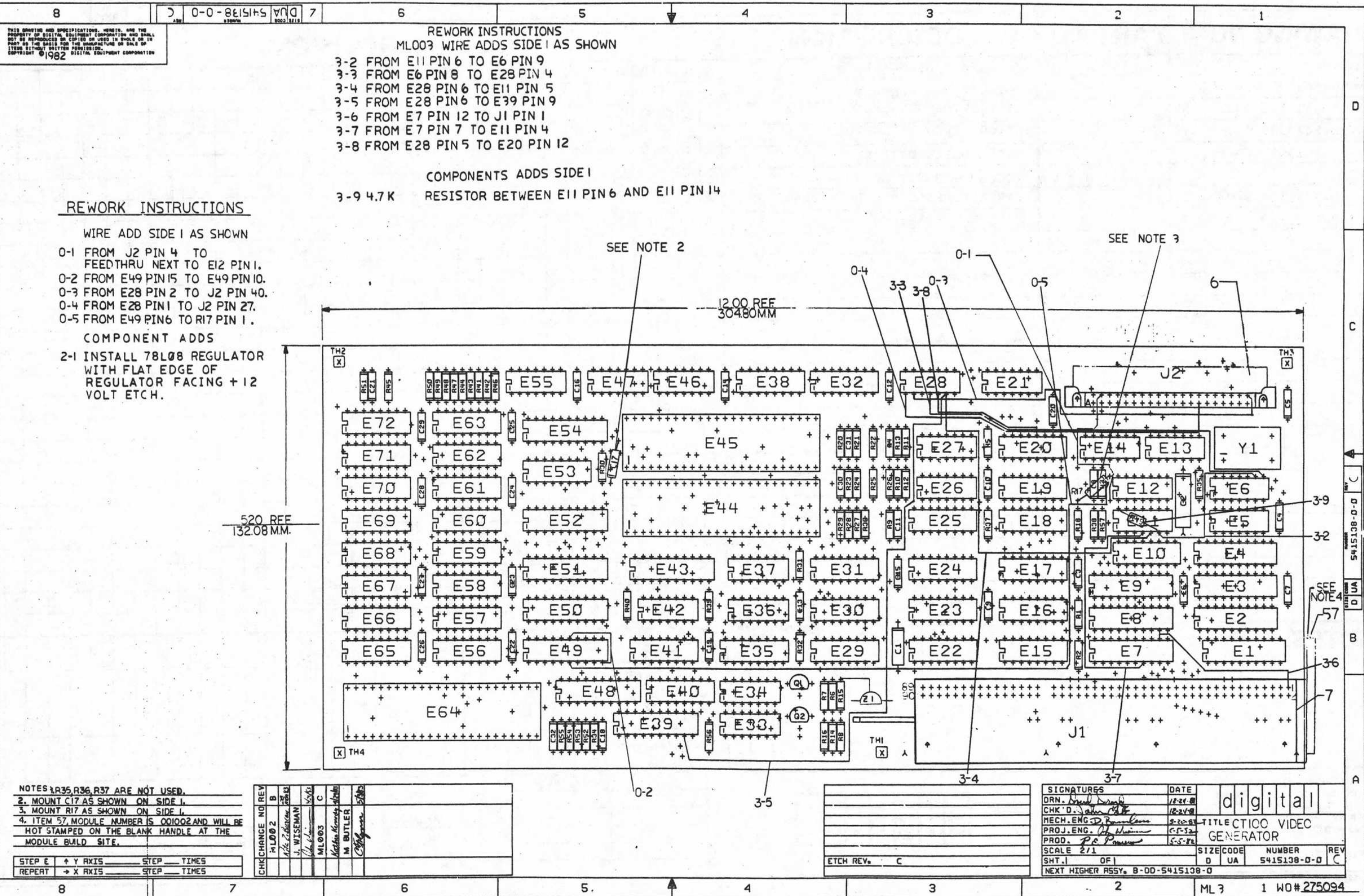
AUTOMATED BY PRTLST.4Q(46)

PARTS LIST

SHEET A1 OF A1

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION A
1	1	D-UA-5415138-0-0	5415138-00	CT100 VIDEO GENERATOR	1
2	2	A-PA-3700689-0-0	3700689-05	PKG UNIVERSAL MODULE	1

REVISION HISTORY			BASIC PART NO: VC201		DRN: M. THOMPSON		DATE: 3-JUN-82		D I G I T A L			
ENG	ECO NUMBER	REV	SECTION A OF A		CHK'D: D. HEALY		DATE: 27-JUL-82		TITLE PARTS LIST			
---	INITIAL	A	SECTION. VARIATION INDEX		DES.ENG.: W. ENGELSE		DATE: 27-JUL-82		BIT MAP VIDEO CONTROLLER			
			[A] A		RESP.ENG.: J. WISEMANN		DATE: 27-JUL-82		DOCUMENT NUMBER			
			[B]		MFG.ENG.: D. POWERS		DATE: 27-JUL-82		SIZE	CODE	NUMBER	REV
			[C]		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		K	PL	VC201-0-DBP	A
			[D]		K-PL-VC201-0-DBP		E-UA-PC350-0-0		FILE NAME:		EDIT #	
			[E]						Z4785A.PLS		5	
			[F]									
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PARTS LIST

SHEET A1 OF A3

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
1	1	D-MD-5015137-0-0	5015137-00	DRILL AND ETCH BOARD	1	
2	2		1012084-01	8 MFD 25V +75-10% AL EL	1	C2
3	3		1012312-00	.47 MFD 50V +80-20% CER	1	C1
4	4		1012784-00	.047 MFD 50V +80-20% CER	29	C3-C16,C18-C32
5	5		1013466-19	470.0 MMF 50V 5% CER	1	C17
6	6		1218762-04	PCB,HEADER 40PIN(2X20).100CC 90D	1	J2
7	7		1218818-01	CARD EDGE 90PIN(2X45).100CC 90D	1	J1
8	8		1300197-00	33.0 .25 W 5.0 % CF	11	R41-R51
9	9		1300219-00	68.0 .25 W 5.0 % CF	6	R52-R55,R7,R16
10	10		1300229-00	*** THIS ITEM IS NOT USED ***	-	
11	11		1300250-00	*** THIS ITEM IS NOT USED ***	-	
12	12		1300316-00	470.0 .25 W 5.0 % CF	2	R1,R38
13	13		1300391-00	1.50 K .25 W 5.0 % CF	1	R8
14	14		1300426-00	2.70 K .25 W 5.0 % CF	1	R13
15	15		1300447-00	4.70 K .25 W 5.0 % CF	15	R2-R5,R18,R30,R31,R34,R39,R40, R56,R57,R32,R17,R19
16	16		1300479-00	10.0 K .25 W 5.0 % CF	1	R12
17	17		1302379-00	75.0 .25 W 5.0 % CF	2	R14,R15
18	18		1302602-00	56.0 .25 W 5.0 % CF	10	R20-R29
19	19		1302871-00	1.21 K .25 W 1.0 % RN55D-F10	1	R9
20	20		1305324-00	4.99 K .25 W 1.0 % RN55D-F10	1	R11
21	21		1312626-00	2.49 K .25 W 1.0 % RN55D-F10	1	R10
22	22		1519860-01	2904A PNP 600MN 60V 600MA TO	2	Q1,Q2
23	23		1811660-00	OSCILLATOR, XTAL 20.000 MHZ	1	Y1
24	24		1910532-00	*** THIS ITEM IS NOT USED ***	-	
25	25		1910534-00	*** THIS ITEM IS NOT USED ***	-	
26	26		1910544-00	74S74 FF-D DUAL,EDGE TRIGG	2	E13,E42
27	27		1910547-00	*** THIS ITEM IS NOT USED ***	-	
28	28		1910550-00	*** THIS ITEM IS NOT USED ***	-	
29	29		1911675-00	*** THIS ITEM IS NOT USED ***	-	

REVISION HISTORY			BASIC PART NO: 5415138			DRN: DAVID DROZD			DATE: 17-AUG-81			D I G I T A L		
ENG	ECO NUMBER	REV	SECTION A OF A			CHK'D: MIKE FUNARO			DATE: 17-AUG-81			TITLE PARTS LIST		
---	INITIAL	A	SECTION VARIATION INDEX			DES.ENG: WIM ENGELSE			DATE: 17-AUG-81			CT100 VIDEO GENERATOR		
EM	5415138-ML001	B	[A] 00			RESP.ENG.: TONY JORDAN			DATE: 17-AUG-81			DOCUMENT NUMBER		
JW	5415138-ML002	C	[B]			MFG.ENG.: PAT QUIGLEY			DATE: 5-FEB-82			SIZE:CODE: NUMBER REV		
MB	5415138-ML003	D	[C]			ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:			FILE NAME: EDIT #		
			[D]			D-UA-5415138-0-0			B-DD-5415138-0-0			Z2963D.PLS 28		
			[E]											
			[F]											
			[G]											
			[H]											
			[I]											
			[J]											
			[K]											
			[L]											
			[M]											
			[N]											
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LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER VARIATION	REFERENCE DESIGNATOR
					00		
30	30		1912697-00	*** THIS ITEM IS NOT USED ***	-		
31	31		1912799-00	*** THIS ITEM IS NOT USED ***	-		
32	32		1912805-00	*** THIS ITEM IS NOT USED ***	-		
33	33		1912807-00	*** THIS ITEM IS NOT USED ***	-		
34	34		1912816-00	*** THIS ITEM IS NOT USED ***	-		
35	35		1912820-00	LS51 A-0-I GATE 2-WIDE 2I	1		E12
36	36		1912824-00	*** THIS ITEM IS NOT USED ***	-		
37	37		1912842-00	LS138 DECODER-THREE INPUT,	2		E17,E19
38	38		1912847-00	*** THIS ITEM IS NOT USED ***	-		
39	39		1912851-00	*** THIS ITEM IS NOT USED ***	-		
40	40		1912853-00	*** THIS ITEM IS NOT USED ***	-		
41	41		1912863-00	*** THIS ITEM IS NOT USED ***	-		
42	42		1913340-00	74S32 OR GATE-QUAD 2IN	1		E36
43	43		1913462-00	*** THIS ITEM IS NOT USED ***	-		
44	44		1914082-00	*** THIS ITEM IS NOT USED ***	-		
45	45		1914084-00	*** THIS ITEM IS NOT USED ***	-		
46	46		1914214-00	*** THIS ITEM IS NOT USED ***	-		
47	47		1914888-00	74S09N AND-GATE-QUAD 2INPUT	1		E11
48	48		1915193-00	*** THIS ITEM IS NOT USED ***	-		
49	49		1915758-01	*** THIS ITEM IS NOT USED ***	-		
50	50		1918708-00	*** THIS ITEM IS NOT USED ***	-		
51	51		1918868-00	LS26 NAND GATE,2-IN,HIGH	2		E28,E26
52	52		1919189-00	COMPARATOR,8-BIT BIP	1		E8
53	53		1919191-00	DC 715 BIPOLAR,400 GATE ARR	1		E44
54	54		1919192-00	DC 716 BIPOLAR,400 GATE ARR	1		E64
55	55		1919193-00	DC 717 BIPOLAR,400 GATE ARR	1		E45
56	56		2117247-04	2118 RAM,16KX1,DYNAMIC,10	16		E56-E63,E65-E72
57	57		7426552-01	HANDLE,ZIF CONNECTOR	1		
58	58		9105740-55	WIRE(WRAP) 30AWG KYNAR UL14	A/R		
59	59		1910532-80	74S00 BURNED-IN NAND GATE-	1		E21
60	60		1910534-80	74S04 BURNED-IN INVERTER G	3		E47,E55,E6
61	61		1910547-80	74S153 BURNED-IN MUX 1 OF 4	1		E24
62	62		1910550-80	74S174 BURNED-IN FF-D HEX	3		E15,E31,E32
63	63		1911675-80	74S138 BURNED-IN DECODER/DE	2		E18,E20
64	64		1912697-80	LS174 BURNED-IN FF-D HEX W	2		E10,E53
65	65		1912799-80	LS00 BURNED-IN NAND GATE-	2		E14,E37
66	66		1912805-80	LS08 BURNED-IN AND GATE-Q	1		E34
67	67		1912807-80	LS10 BURNED-IN NAND GATE-	1		E5
68	68		1912816-80	LS32 BURNED-IN OR GATE Q	2		E33,E46
69	69		1912824-80	LS74 BURNED-IN FF-D DUAL-	1		E27
70	70		1912847-80	LS157 BURNED-IN MUX 1 OF 2	1		E16
71	71		1912851-80	LS169 BURNED-IN COUNTER,SY	4		E22,E23,E30,E35
72	72		1912853-80	LS175 BURNED-IN FF-D,QUAD	1		E41
73	73		1912863-80	LS273 BURNED-IN FF-D,OCTAL	1		E4
74	74		1913462-80	74S240 BURNED-IN OCTAL BUFF	1		E9
75	75		1914082-80	74S163 COUNTER,SYNCH UP/DOW	2		E25,E38
76	76		1914084-80	74S299 BURNED-IN SHIFT REG.	2		E39,E43
77	77		1914214-80	LS374 BURNED-IN FF-D OCTAL	2		E48,E51

D	I	G	I	T	A	L	TITLE	SECTION A	OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							CT100 VIDEO GENERATOR			K	PL	5415138-0-DBP	D

AUTOMATED BY PRTLST.3P(44)

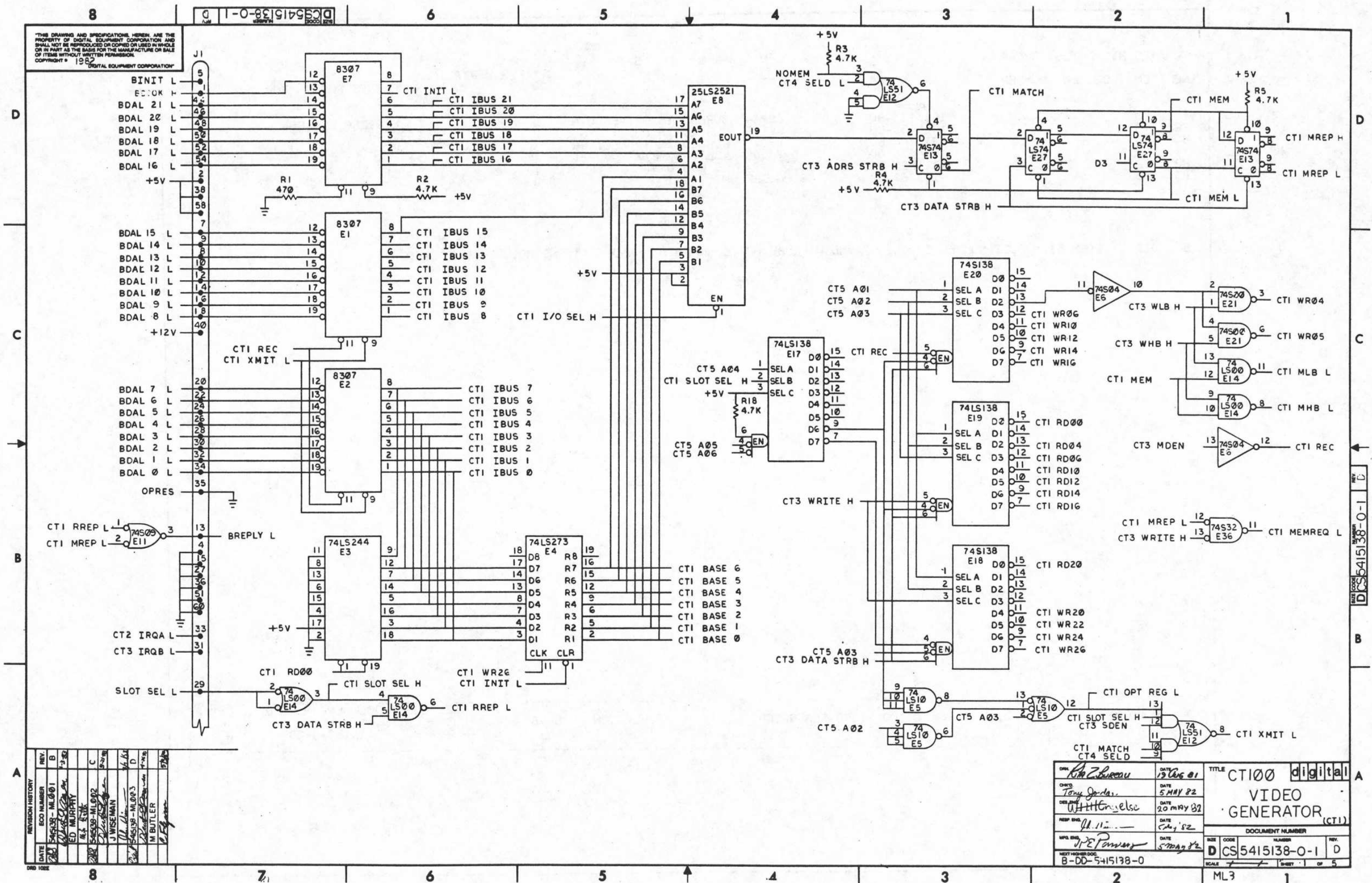
PARTS LIST

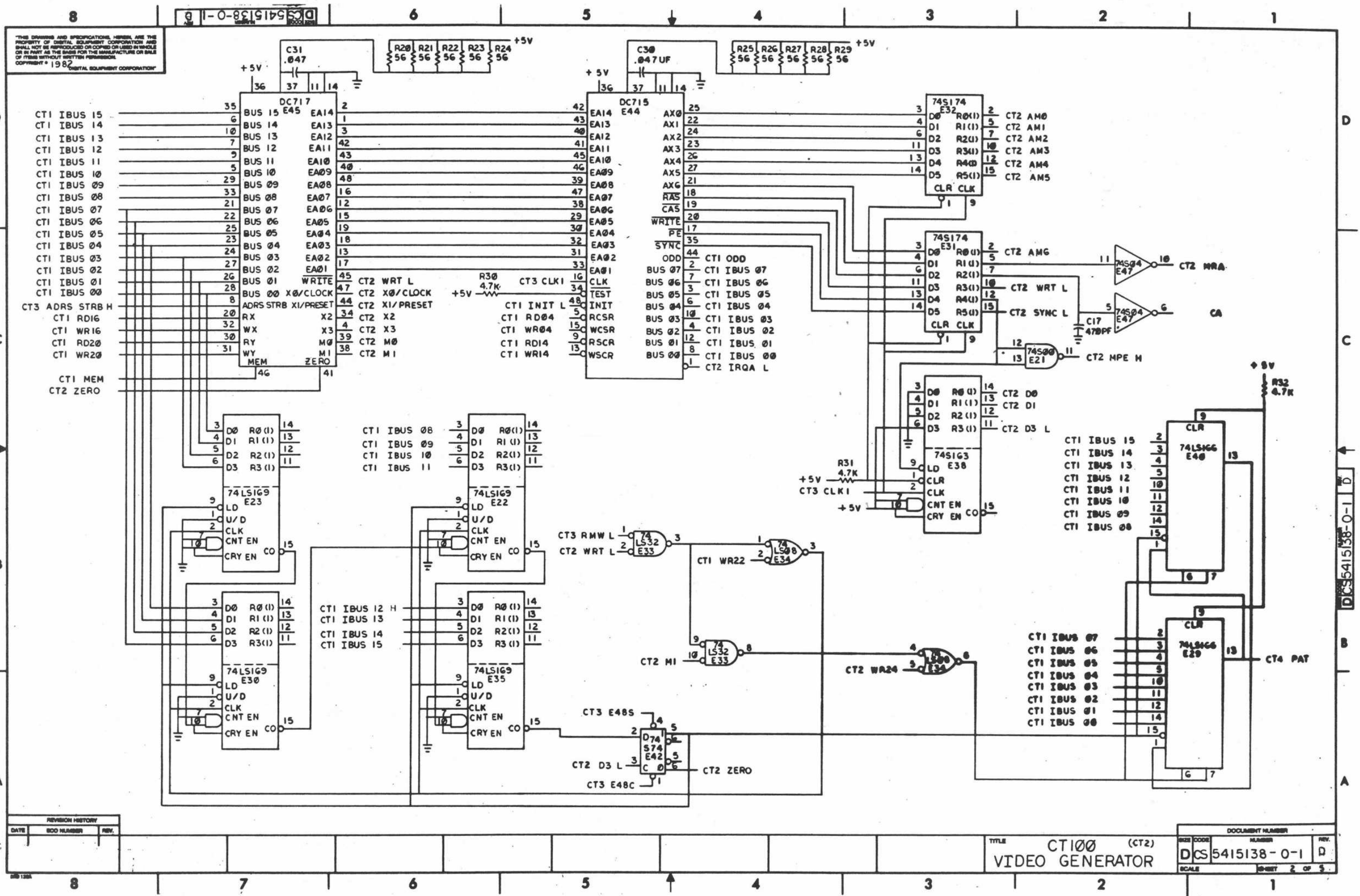
SHEET A3 OF A3

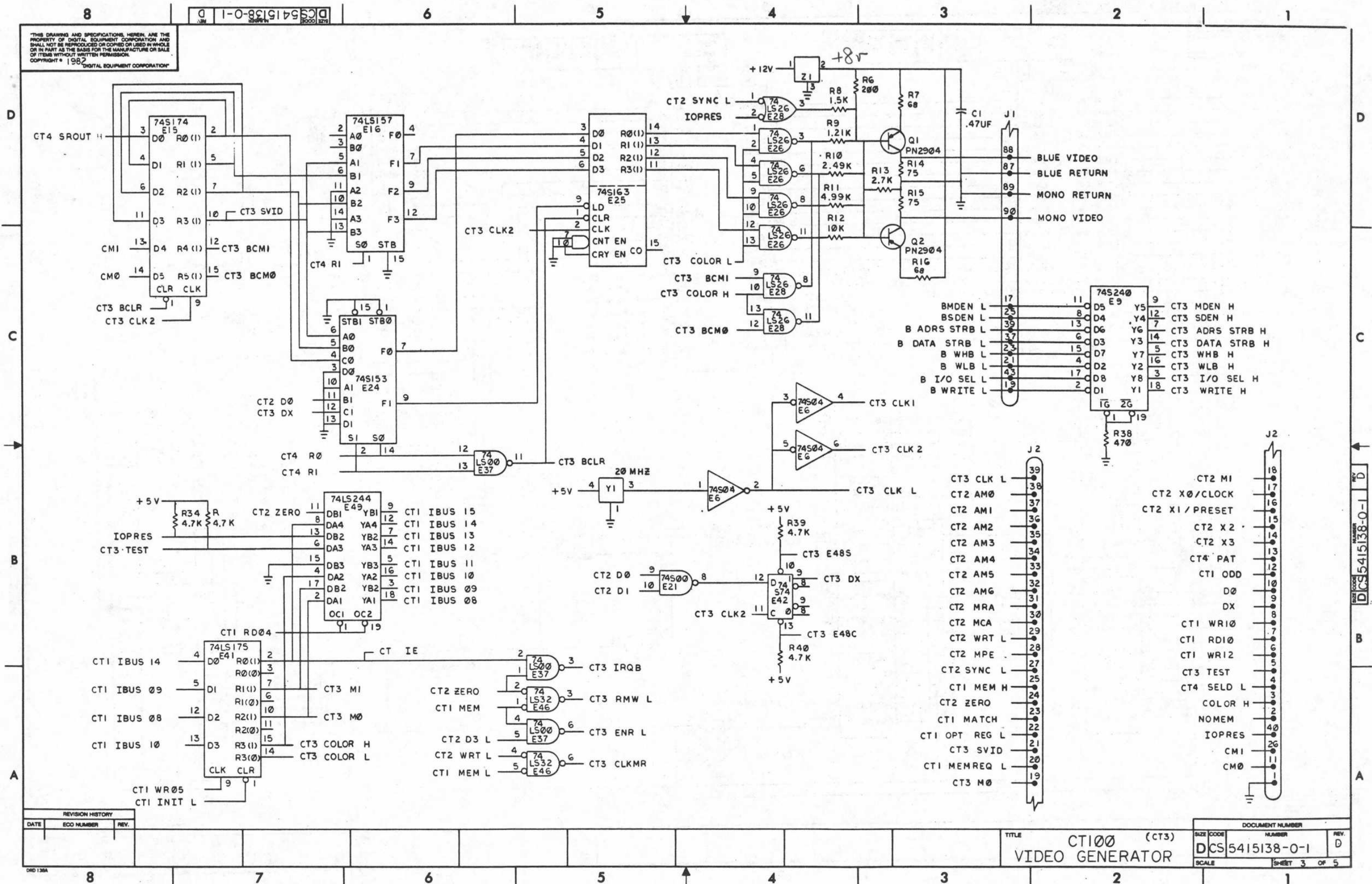
LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
78	78		1915193-80	LS244 BURNED-IN DRIVER,LIN	5	E3,E49,E50,E52,E54
79	79		1915758-80	LS166 BURNED-IN SHIFT REG.	2	E29,E40
80	80		1918708-80	8307 BURNED-IN TRANSCIVER	3	E1,E2,E7
81	81		1914471-00	78L08 VOLT REG,FIX +8V	1	Z1
82	82		1311522-00	200.0 .25 W 5.0 % CF	1	R6
83	83		9107267-00	TUBING,TEFLON .034ID	A/R	

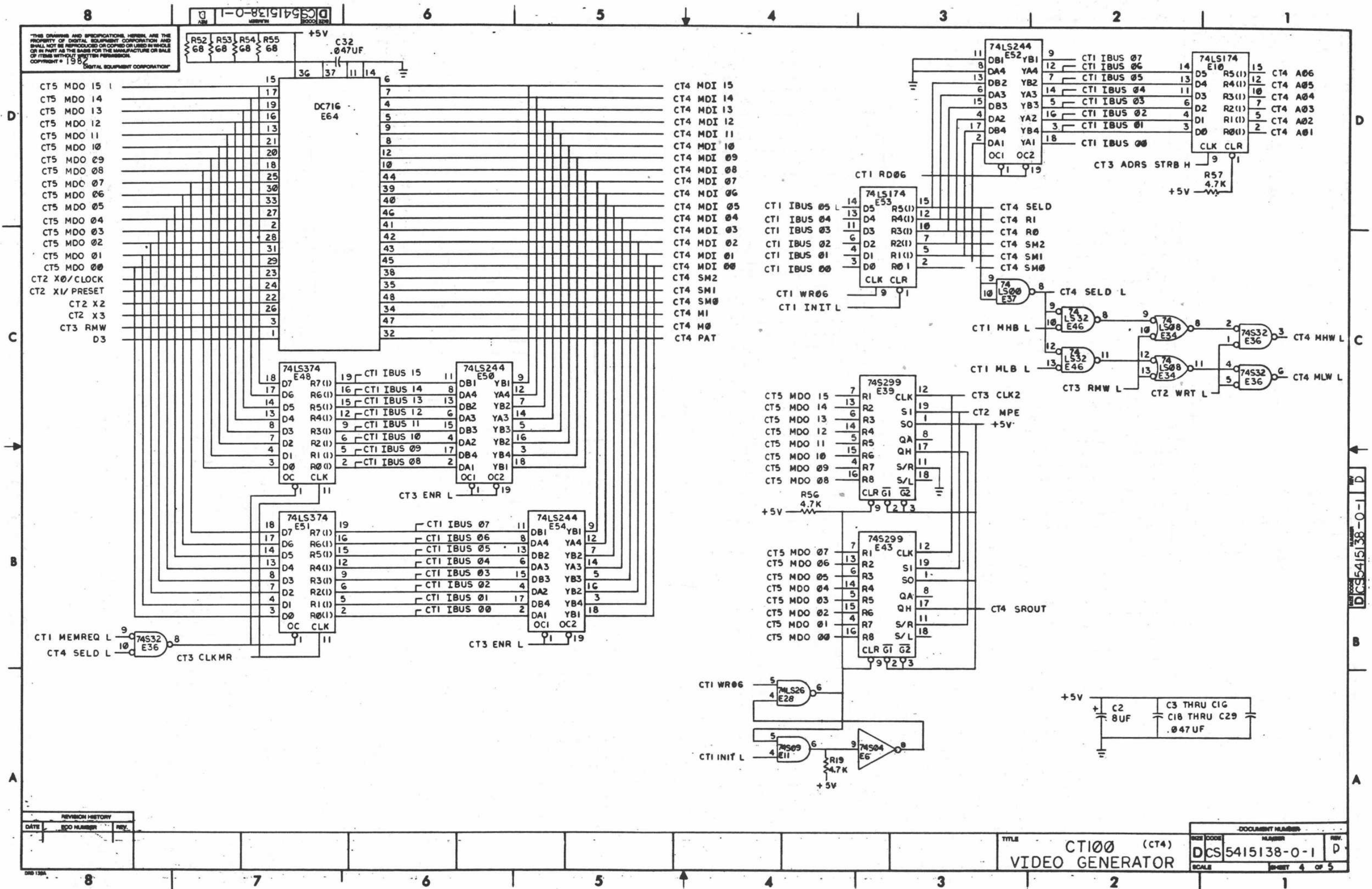
84 NOTE: ITEM 57,MODULE NUMBER IS 001002 AND WILL BE HOT STAMPED ON HANDLE AT THE MODULE BUILD SITE.

D	I	G	I	T	A	L	TITLE	CT100 VIDEO GENERATOR	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	5415138-0-DBP	D





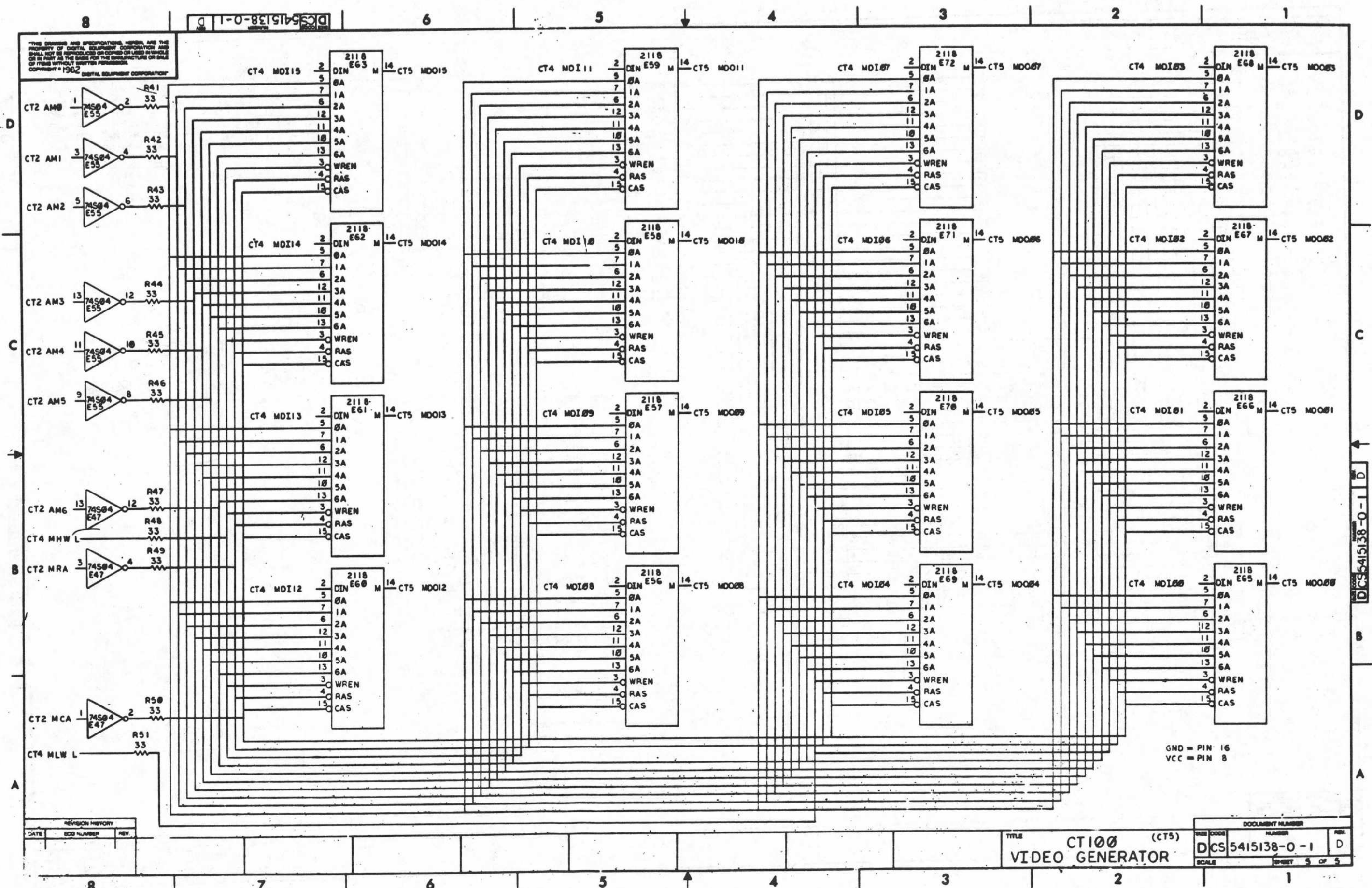




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REVISION HISTORY		
DATE	ECO NUMBER	REV.

TITLE		DOCUMENT NUMBER	
CT100 (CT4) VIDEO GENERATOR		DCS5415138-0-1	P
SCALE	SHEET 4 OF 5	REV.	



FIELD MAINTENANCE PRINT SET

TABLE OF CONTENTS

E-UA-H7862-0-DBU	H7862 POWER SUPPLY
K-PL-H7862-0-DBP	H7862 POWER SUPPLY (PL)
E-AD-7018970-0-DBU	CHASSIS ASSY, H7862
K-PL-7018970-0-DBP	CHASSIS ASSY, H7862 (PL)
D-IA-7018969-0-DBU	HARNESS, CHASSIS
K-PL-7018969-0-DBP	HARNESS, CHASSIS (PL)
D-IA-7019731-0-DBU	CABLE ASSY, DC. OUTPUT
K-PL-7019731-0-DBP	CABLE ASSY, DC. OUTPUT (PL)
E-UA-5415086-0-DBU	H7862-200W CIRCUIT BOARD
K-PL-5415086-0-DBP	H7862-200W CIRCUIT BOARD (PL)
D-CS-5415086-0-1	H7862-200W CIRCUIT BOARD (CS)

[illegible]

H7862-0

Field Maintenance Print Set

Digital Equipment Corporation

PRINT SET ORDER NO.
MP01320

REVISIONS	REV.	A	USED ON OPTION/MODEL		DRN.	DATE	digital									
	CHG. NO.	INITIAL	PC350		P. FAVINI	25 JUN 82										
	DATE	6/82			CHK'D	DATE	TITLE: H7862 POWER SUPPLY									
					F. HALLIDAY	7/20/82										
					PROJ. ENG.	DATE										
					R. V. WHITE	7/13/82										
					FIELD SERV.	DATE										
		SHEET I OF 1				DATE	7/14/82	SIZE B	CODE TC	NUMBER H7862-0-1					REV. A	
				DIST.												

PARTS LIST

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION 00
1	1	E-AD-7018970-0-DBU	7018970-00	CHASSIS ASSY.	1
2	2	E-MD-7426214-0-DBU	7426214-00	COVER	1
3	3	E-UA-5415086-0-0	5415086-00	H7862 CIRCUIT BOARD	1
4	4		9000049-35	SCREW,SEMS PAN PHIL THD RL 6-	4
5	5	D-IA-7019731-0-DBU	7019731-0L	CABLE ASSY, DC OUTPUT	1
6	6		9007649-00	WASHER,LOCK EXTERNAL STEEL	4
7	7		9000049-36	SCREW,SEMS PAN PHIL THD RL 6-	8
8	8		9008185-00	NUT,HEX EXT TOOTH LCKWSHR 6-32	2
9	9		9008264-00	MOUNT, CABLE TIE, ADHESIVE BACKE	2
10	10		9010245-01	SCREW,WASH PAN 6-	1
11	11	A-PS-3616930-0-0	3616930-00	LABEL,DANGER STORED HIGH VOLTAGE	1
12	12	A-PS-3620124-0-0	3620124-01	LABEL,CAUTION NO USER SERVICEABL	1
13	13		9007031-00	TIE,CABLE BUNDL.DIA 0- 3/4"=101	2

REVISION HISTORY		BASIC PART NO: H7862		DRN:	PETE FAVINI	DATE: 15-JUL-81	D I G I T A L			
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D:	F. HALLIDAY	DATE: 13-JUL-82	TITLE PARTS LIST			
---	INITIAL	A	SECTION, VARIATION INDEX	CHK'D:	F. HALLIDAY	DATE: 13-JUL-82	H7862 POWER SUPPLY			
			[A] 00							
			[B]	DES.ENG.:	ROBERT V. WHITE	DATE: 13-JUL-82				
			[C]				DOCUMENT NUMBER			
			[D]	RESP.ENG.:	ROBERT V. WHITE	DATE: 13-JUL-82	SIZE	CODE	NUMBER	REV
			[E]	MFG.ENG.:	LEE RIPPSTEN	DATE: 13-JUL-82	K	PL	H7862-0-DBP	A
			[F]	ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:	EDIT #	
				E-UA-H7862-0-DBU		E-UA-H7862-0-DBU		Z2799A.PLS	27	

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LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION 00
1	1	E-IA-7426213-0-DBU	7426213-00 CHASSIS	1
2	2	A-PS-1217051-0-0	1217051-04 SW,RKR 2PST ON-NONE-OFF 16A	1
3	3	A-PS-1216901-0-0	1216901-00 SW,SLIDE 2PDT 5A	1
4	4	A-PS-1219912-0-0	1219912-01 CKT BKR 6.0 A 250V 1P MAGNETIC	1
5	5	A-PS-1219046-0-0	1219046-00 FILTER,LINE 240V16A 47-63HZ	1
6	6	D-IA-7018969-0-DBU	7018969-00 HARNESS, CHASSIS	1
7	7	A-PS-1213185-0-0	1213185-03 FAN,TUBE AXIAL 4.5" 70CFM 115V	1
8	8	A-PS-1210263-0-0	1210263-01 GUARD,FINGER 4.125 X 4.125 NO OF	1
9	9		9000049-37 SCREW,SEMS PAN PHIL,THD RL 6-3	5
10	10		9008185-00 NUT,HEX EXT TOOTH LCKWSHR 6-32	5
11	11		9010155-00 SCREW,SEMS PAN PHIL 6-	4
12	12		9006011-01 SCREW,MACH PAN PHIL 4-	2
13	13		9006557-00 NUT,HEX EXT TOOTH LCKWSHR 4-40	2
14	14		9006565-00 NUT,HEX EXT TOOTH LCKWSHR 10-32	2
15	15		3620122-01 LABEL,ELEC.RATING F/H7862 P.S.	1
16	16		9007649-00 WASHER,LOCK EXTERNAL STEEL	1
17	17		9007651-00 WASHER,LOCK EXTERNAL STEEL	1
18	18	D-MD-7426246-0-0	7426246-01 BEZEL,I/O SWITCH	1
19	19		3612680-00 DECAL, GROUND SIGN PER 3E6 *	1
20	20		3620123-01 LABEL,FUSE,BLK/YEL 4 LANGUAGES	1
21	21		3616157-00 LABEL,CORRECT VOLTAGE SETTING,CA	1

REVISION HISTORY			BASIC PART NO: 7018970			DRN: B. VOWLES			DATE: 05-OCT-81			D I G I T A L		
ENG	ECO NUMBER	REV	SECTION A OF A			CHK'D: F. HALLIDAY			DATE: 13-JUL-82			TITLE PARTS LIST		
---	INITIAL	A	SECTION, VARIATION INDEX			[A] 00			CHASSIS ASSY, H7862					
			[B]			DES.ENG.: ROBERT V. WHITE			DATE: 13-JUL-82					
			[C]			RESP.ENG.: ROBERT V. WHITE			DATE: 13-JUL-82			DOCUMENT NUMBER		
			[D]						SIZE CODE NUMBER REV					
			[E]			MFG.ENG.: L. RIPPSTEIN			DATE: 13-JUL-82			K PL 7018970-0-DBP A		
			[F]			ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:			FILE NAME:		
						E-AD-7018970-0-DBU			E-AD-7018970-0-DBU			Z3204A.PLS		
												EDIT # 36		

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PARTS LIST

SHEET A1 OF A1

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION
					00
1	1	A-PS-1212167-0-0	1212167-06	MATE-N-LOK 06SKT(2X03).250CC HSG	1
2	2	A-PS-1217000-0-0	1217000-00	TERM,QUICK .250TAB CRIMP 18-2	8
3	3	A-PS-1217000-0-0	1217000-05	TERM,QUICK .110TAB CRIMP 18-2	3
4	4	A-PS-1217000-0-0	1217000-01	TERM,QUICK .110TAB CRIMP 18-2	2
5	5	A-PS-1212170-0-0	1212170-00	MATE-N-LOK 01SKT 20-14AWG .0850D	5
6	6		9007930-00	TERM,RING #10STUD CRIMP 16-2	1
7	7		9107858-11	WIRE,SOLID 18AWG PVC 300V10	A/R
8	8		9107858-66	WIRE,SOLID 18AWG PVC 300V10	A/R
9	9		9107859-54	WIRE,SOLID 18AWG PVC 300V10	A/R
10	10		9007031-00	TIE,CABLE BUNDL.DIA 0- 3/4"=101	A/R
11	11		9007929-00	TERM,RING #5,6STUD CRIMP 16-2	1
12	12		9008356-01	WIRE MARKER,NUMERIC,1-48	1
13	13	A-PS-3616073-0-0	3616073-00	LABEL,ID W/COPY VERTICAL	1
14	14		9009507-00	TAPE,VINYL ADH .75 WDX .00	A/R

REVISION HISTORY			BASIC PART NO: 7018969			DRN: B. VOWLES			DATE: 05-OCT-81			D I G I T A L		
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D: F. HALLIDAY			DATE: 13-JUL-82			TITLE PARTS LIST				
	INITIAL	A	SECTION. VARIATION INDEX	DES.ENG.: ROBERT V. WHITE			DATE: 13-JUL-82			H7862 HARNESS ASSY, PRIMARY				
			[A] 00	RESP.ENG.: ROBERT V. WHITE			DATE: 13-JUL-82			DOCUMENT NUMBER				
			[B]	MFG.ENG.: L. RIPPSTEIN			DATE: 13-JUL-82			SIZE	CODE	NUMBER	REV	
			[C]	ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:			K	PL	7018969-0-DBP	A	
			[D]	D-IA-7018969-0-DBU			D-IA-7018969-0-DBU					FILE NAME:	EDIT #	
			[E]									Z3203A.PLS	8	
			[F]											
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SHEET A1 OF A1

REVISION HISTORY			BASIC PART NO: 7019731			DRN: ROBERT V. WHITE			DATE: 10-JUN-82			D I G I T A L		
ENG	ECO NUMBER	REV	SECTION A OF A			CHK'D: F. HALLIDAY			DATE: 13-JUL-82			TITLE PARTS LIST		
---	INITIAL	A	SECTION. VARIATION INDEX			[A] OL			CABLE ASSY, DC, OUTPUT					
			[B]			DES.ENG.: R.V. WHITE			DATE: 13-JUL-82					
			[C]			RESP.ENG.: R.V. WHITE			DATE: 13-JUL-82			DOCUMENT NUMBER		
			[D]						SIZE			CODE		
			[E]			MFG.ENG.: LEE RIPPSTEIN			DATE: 13-JUL-82			K PL 7019731-0-DBP		
			[F]			ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:			FILE NAME:		
						D-IA-7019731-0-DBU			D-IA-7019731-0-DBU			Z4668A.PLS		
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ECO #5415086-ML001

COMPONENT DELETIONS

- 1-1. DELETE D25.
- 1-2. DELETE R14.
- 1-3. DELETE R96.
- 1-4. DELETE Q7.
- 1-5. DELETE D36.
- 1-6. DELETE D38.
- 1-7. DELETE R68.
- 1-8. DELETE R98.
- 1-9. DELETE D35.
- 1-10. DELETE R61.
- 1-11. DELETE C52.
- 1-12. DELETE R76.
- 1-13. DELETE C53.

COMPONENT ADDS SIDE 1

ADD COMPONENTS AS SHOWN

- 1-14. ADD W2.
- 1-15. ADD R98.
- 1-16. ADD C52.
- 1-17. ADD D38. NOTICE THAT D38 IS A REVERSE POLARITY INSTALLATION. CATHODE END IS CLOSEST TO E12-8 AND ANODE IS CLOSEST TO E12-14.
- 1-18. ADD W1.
- 1-19. C47 MOUNT IN THE SAME HOLES AS THE IC LEADS. CONNECT C47 FROM E7-2 TO E7-7.
- 1-20. R68 MOUNT IN THE SAME HOLES AS THE IC LEADS. CONNECT R68 FROM ~~CONNECT R68 FROM~~ E6-10 TO E7-5. INSULATE LEADS OF R68 WITH THIN WALL TUBING [ITEM 162].
- 1-21. CONNECT R68 PIN 2 TO R100 PIN 1 WITH NO CONTACT TO PC ETCH.

SEE WIRE ADDS NOTE 1-28

- 1-22. INSERT AND SOLDER C53 PIN 2 TO VIA NEAR E12-14 AND SOLDER C53 PIN 1 DIRECTLY TO ETCH RUNNING BETWEEN C36 AND C43.
- 1-23. SOLDER D35 DIRECTLY TO C36 AS SHOWN.
- 1-24. SOLDER R1 DIRECTLY TO ETCH PATH.

WIRE ADDS SIDE 1

ADD JUMPER WIRES AS FOLLOWS

- 1-25. E10-4 TO E10-5
- 1-26. E4-11 TO E4-12
- 1-27. E12-10 TO E12-12
- 1-28. ADD WIRE FROM JUNCTION OF R68 & R100 TO FORMER LOCATION OF Q7 EMITTER AS SHOWN.
- 1-29. ADD WIRE FROM FORMER Q7 EMITTER TO FORMER Q7 COLLECTOR.
- 1-30. ADD WIRE FROM FORMER Q7 COLLECTOR TO FORMER Q7 BASE.

REWORK INSTRUCTIONS.

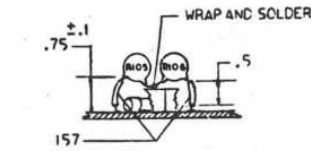
ECO #5415086-ML002

COMPONENT DELETIONS:

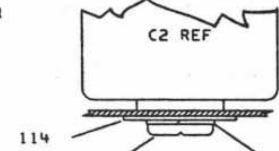
- 2-1. DELETE D31
- 2-9. DELETE C50

COMPONENT ADDS SIDE 11

- 2-2. ADD R108 & R106. INSULATE LEADS WITH TUBING (ITEM 162). SOLDER DIRECTLY TO ETCH LEADING TO T4-1 AND D1. REFERENCE SECTION G-G.
- 2-3. ADD R104 IN FORMER LOCATION OF D31.
- 2-4. ADD D39. POLYBACK TO R11. D39 IS REVERSE POLARITY CATHODE IS CLOSEST TO R46.
- 2-5. ADD D42 FROM E2-3 TO VIA NEXT TO C41.
- 2-6. ADD D41 FROM E3-1 (ANODE) TO E3-14 (CATHODE).
- 2-7. ADD D40 FROM EMPTY MTS HOLE BETWEEN D27 & E7B TO EMPTY MTS HOLE NEXT TO E6-1. INSULATE LEADS WITH TUBING (ITEM 162).

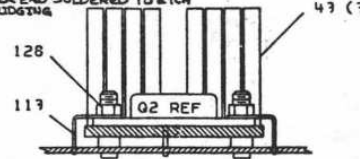


SECTION G-G



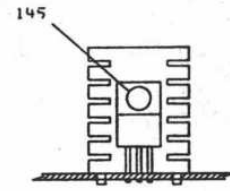
SECTION B-B
TYP. FOR C1 & C2
TORQUE 16 IN./LBS. ±1

- 2-10. ADD R107 FROM E11-3 TO EMPTY MTS HOLE NEXT TO R57. INSULATE LEADS WITH TUBING (ITEM 162).
- 2-11. ADD R108 MOUNT ONE END INTO EMPTY MTS HOLE NEAR R65.
- 2-12. ADD D43. MOUNT CATHODE LEAD INTO LEAD HOLE WITH E10-2 LEAD.
- 2-13. RELOCATE C14 MOUNTED WITH ONE LEAD THRU DRILLED HOLE, SOLDERED TO GND PLANE. OTHER LEAD SOLDERED TO ETCH TO C15.
- 2-14. L2 MUST BE MOUNTED SO THAT THE LEAD CONNECTED TO L1-2 SPIRALS COUNTERCLOCKWISE WHEN VIEWED FROM ABOVE.
- 2-15. ADD L3 FROM END OF R12 SUCH THAT THE ETCH CUT IS BRIDGED.
- 2-16. ADD C56 NEG. LEAD THRU DRILLED HOLE AND SOLDERED TO GND PLANE. POS. LEAD SOLDERED TO ETCH BETWEEN D12 & D16.
- 2-17. C10 RELOCATED. ONE END INTO OR13 MTS HOLE NEAR R17. OTHER END SOLDERED TO ETCH BETWEEN J1 & J3, BRIDGING R17 & R18.

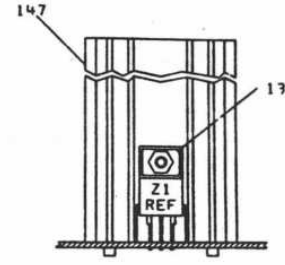


SECTION C-C
TYPICAL ASSEMBLY FOR Q1,
Q2, D18 AND D11
TORQUE SCREWS
8 IN/LBS ±1

- WIRE ADDS SIDE 1
- 2-8. ADD WIRE FROM E3-14 TO CATHODE OF D40 AT MTS HOLE.
- 2-18. CONNECT EXPOSED ENDS OF R108 AND D43 (ANODE) DRILL SIDE 2 AS SHOWN.
- 2-19. DRILL .030/.042 HOLE IN ETCH RELIEF FROM SIDE 2 AS SHOWN.
- 2-20. DRILL .030/.042 HOLE FROM SIDE 2 AS SHOWN.
- 2-21. IT IS REQUIRED THAT EACH OF THE FOLLOWING COMPONENTS BE INSPECTED AND RESOLDERED WITH A LARGE TIP HIGH WATTAGE IRON AS NECESSARY. NOTE THAT TOP SOLDERING MAY BE NECESSARY.
- 2-5, 2-6, 2-7, 2-8, D10, D11, L1, L2, L3, C8, C13, C9, C14, R12, R16, R16, C56, C10, C15, J2, J3

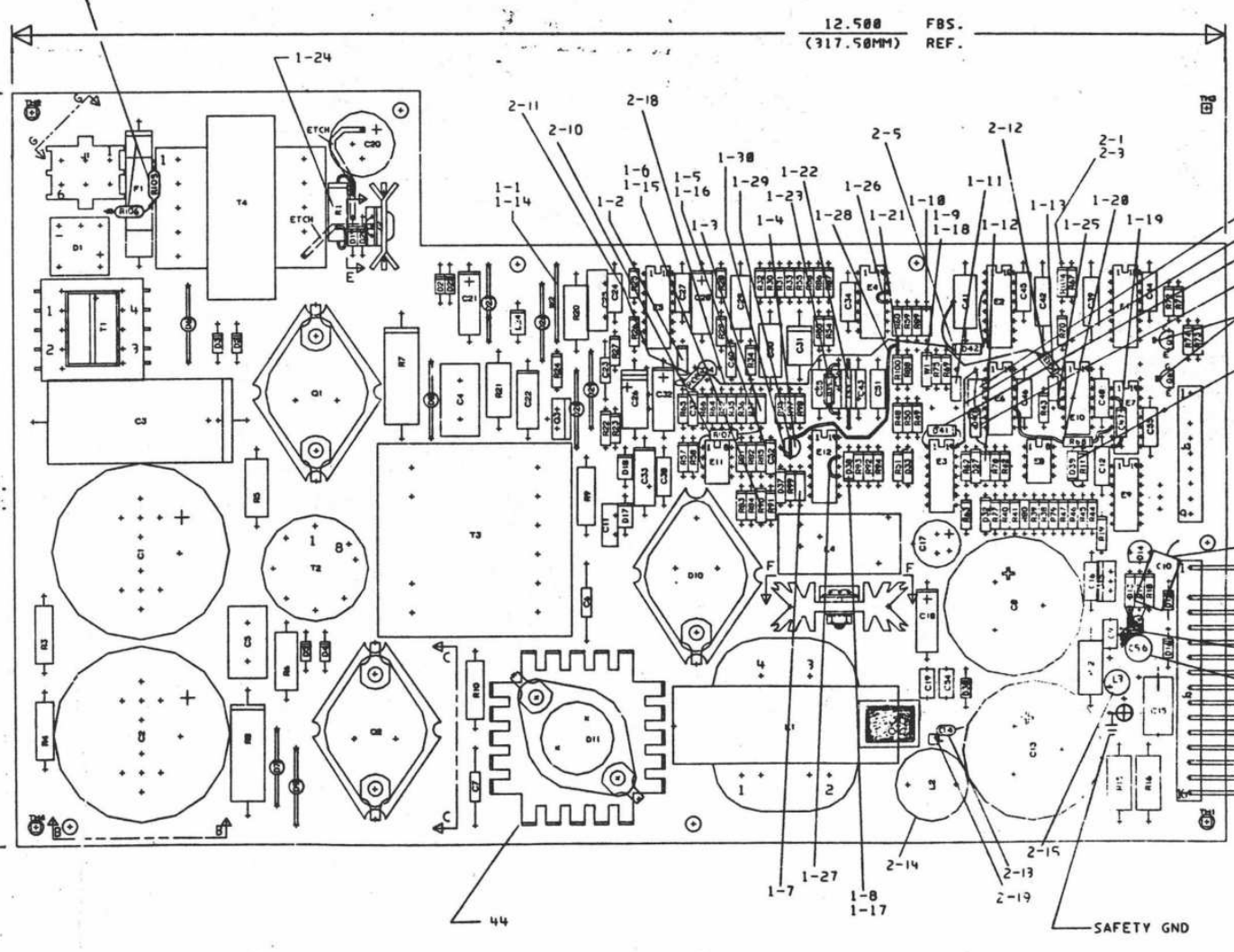


SECTION E-E



SECTION F-F
TORQUE NUT 4-5 IN LBS.

COMPONENT SIDE VIEW



digital		HY862		TITLE CIRCUIT BOARD	
DATE	1-1-78	DESIGNED BY	W. J. HARRIS	PROJ. NO.	5415086-001
DESIGNED BY	W. J. HARRIS	CHECKED BY	W. J. HARRIS	SCALE	1:1
PROJ. NO.	5415086-001	REV.	1	OF	1
SCALE	1:1	REV.	1	OF	1
REV.	1	OF	1	OF	1
REV.	1	OF	1	OF	1
REV.	1	OF	1	OF	1
REV.	1	OF	1	OF	1
REV.	1	OF	1	OF	1
REV.	1	OF	1	OF	1

NOTES	
1. THIS BOARD MUST MEET ALL REQUIREMENTS FOR TYPE	
2. STEP 1 - Y AXIS	STEP 2 - X AXIS
3. STEP 3 - Y AXIS	STEP 4 - X AXIS
4. STEP 5 - Y AXIS	STEP 6 - X AXIS
5. STEP 7 - Y AXIS	STEP 8 - X AXIS
6. STEP 9 - Y AXIS	STEP 10 - X AXIS
7. STEP 11 - Y AXIS	STEP 12 - X AXIS
8. STEP 13 - Y AXIS	STEP 14 - X AXIS
9. STEP 15 - Y AXIS	STEP 16 - X AXIS
10. STEP 17 - Y AXIS	STEP 18 - X AXIS
11. STEP 19 - Y AXIS	STEP 20 - X AXIS
12. STEP 21 - Y AXIS	STEP 22 - X AXIS
13. STEP 23 - Y AXIS	STEP 24 - X AXIS
14. STEP 25 - Y AXIS	STEP 26 - X AXIS
15. STEP 27 - Y AXIS	STEP 28 - X AXIS
16. STEP 29 - Y AXIS	STEP 30 - X AXIS
17. STEP 31 - Y AXIS	STEP 32 - X AXIS
18. STEP 33 - Y AXIS	STEP 34 - X AXIS
19. STEP 35 - Y AXIS	STEP 36 - X AXIS
20. STEP 37 - Y AXIS	STEP 38 - X AXIS
21. STEP 39 - Y AXIS	STEP 40 - X AXIS
22. STEP 41 - Y AXIS	STEP 42 - X AXIS
23. STEP 43 - Y AXIS	STEP 44 - X AXIS
24. STEP 45 - Y AXIS	STEP 46 - X AXIS
25. STEP 47 - Y AXIS	STEP 48 - X AXIS
26. STEP 49 - Y AXIS	STEP 50 - X AXIS
27. STEP 51 - Y AXIS	STEP 52 - X AXIS
28. STEP 53 - Y AXIS	STEP 54 - X AXIS
29. STEP 55 - Y AXIS	STEP 56 - X AXIS
30. STEP 57 - Y AXIS	STEP 58 - X AXIS
31. STEP 59 - Y AXIS	STEP 60 - X AXIS
32. STEP 61 - Y AXIS	STEP 62 - X AXIS
33. STEP 63 - Y AXIS	STEP 64 - X AXIS
34. STEP 65 - Y AXIS	STEP 66 - X AXIS
35. STEP 67 - Y AXIS	STEP 68 - X AXIS
36. STEP 69 - Y AXIS	STEP 70 - X AXIS
37. STEP 71 - Y AXIS	STEP 72 - X AXIS
38. STEP 73 - Y AXIS	STEP 74 - X AXIS
39. STEP 75 - Y AXIS	STEP 76 - X AXIS
40. STEP 77 - Y AXIS	STEP 78 - X AXIS
41. STEP 79 - Y AXIS	STEP 80 - X AXIS
42. STEP 81 - Y AXIS	STEP 82 - X AXIS
43. STEP 83 - Y AXIS	STEP 84 - X AXIS
44. STEP 85 - Y AXIS	STEP 86 - X AXIS
45. STEP 87 - Y AXIS	STEP 88 - X AXIS
46. STEP 89 - Y AXIS	STEP 90 - X AXIS
47. STEP 91 - Y AXIS	STEP 92 - X AXIS
48. STEP 93 - Y AXIS	STEP 94 - X AXIS
49. STEP 95 - Y AXIS	STEP 96 - X AXIS
50. STEP 97 - Y AXIS	STEP 98 - X AXIS
51. STEP 99 - Y AXIS	STEP 100 - X AXIS

ECO #5415086-001

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER VARIATION	REFERENCE DESIGNATOR
					00		
1	2		1000021-00	220.0 MMF 100V 5%200PPM MICA	1		C11
2	3		1000060-00	6800.0 MMF 200V 10% MYLR	1		C29
3	4		1002630-00	.015 MFD 100V 10% MYLR	1		C33
4	5		1005116-00	3300.0 MMF 200V 10% MET. MYLR	3		C23,C6,C7
5	6		1005507-00	1 MFD 100V +50-10% AL EL	1		C26
6	7		1005784-00	.01 MFD 100V 200V 10% MYL	2		C39,C42
7	8		1009957-00	.0022 MFD 100V 10% MYLR	1		C22
8	9		1010279-01	.47 MFD 25V 20% CER	4		C9,C14,C19,C54
9	10		1012607-00	560 MFD 20V+100-10% AL EL	1		C17
10	11		1013466-07	220.0 MMF 50V 5% CER	2		C37,C40
11	12		1013466-11	.22 MFD 50V +80-20% Z5U CER	14		C16,C24,C12,C27,C38,C34,C35,C46,
						CONT	C48,C44,C45,C51-C53
							C47,C55
12	13		1013466-28	1000.0 MMF 50V 5% CER	2		
13	14		1013932-00	*** THIS ITEM IS NOT USED ***	-		
14	15		1014139-00	.0022 MFD 600V 10% POLYPROP	2		C4,C5
15	16		1014170-00	2700.0 MMF 100V 1% 70PPM MICA	1		C25
16	17		1015520-00	1 MFD 100V 5% MET. MYLR	2		C15,C10
17	18		1016390-00	1100 MFD 200V +50-10% AL EL	2		C1,C2
18	20		1016459-00	.18 MFD 100V 5% MET. MYLR	1		C30
19	21		1017472-00	10 MFD 35V +50-10% AL EL	4		C18,C21,C28,C32
20	22		1018971-00	10,000 MFD 16V 20% AL EL	1		C8
21	23		1018971-01	18,000 MFD 6.3V 20% AL EL	1		C13
22	24		1100114-00	PIV= 25 IO=135 MA	8		D27,D33,D35,D39-D43
23	25		1102808-00	VZ= 5.6 5% 400 MW 1N752A D	1		D32
24	27		1105796-00	PIV= 400 IO= 1.00A 1N4004 DO-41	7		D12,D19-D22,D16,D30
25	28		1105796-01	PIV= 400 IO= 1.00A DO-41	4		D2-D5
26	29		1105871-00	VZ= 5.15 1% 250 MW	1		D37
27	31		1110766-00	*** THIS ITEM IS NOT USED ***	-		
28	32		1112595-01	PIV= 200 IO= 1.00A AXIAL	4		D23,D26,D28,D29
29	33		1112595-02	PIV= 600 IO= 1.00A AXIAL	4		D6-D9

REVISION HISTORY			BASIC PART NO: 5415086			DRN: M. MC DONOUGH			DATE: 25-SEP-81			D I G I T A L		
ENG	ECO NUMBER	REV	SECTION A OF A			CHK'D: D. BARRIERE			DATE: 25-SEP-81			TITLE PARTS LIST		
R.W	INITIAL	A	SECTION VARIATION INDEX			DES.ENG: ROBERT WHITE			DATE: 02-MAR-82			DOCUMENT NUMBER		
RW	5415086-ML001	B	[A] 00			RESP.ENG.: ROBERT WHITE			DATE: 02-MAR-82			SIZE CODE NUMBER REV		
RW	5415086-ML002	C	[B]			MFG.ENG.: BILL LORD			DATE: 25-SEP-81			K PL 5415086-0-DBP D		
RW	5415086-ML004	D	[C]			ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:			FILE NAME: EDIT #		
			[D]			E-UA-5415086-0-0			B-DD-5415086-0-0			Z2485D.PLS 42		
			[E]											
			[F]											
			[G]											
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LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
30	34		1119273-00	PIV= 45 IO=60.00A TO-3	1	D11
31	35		1118205-00	PIV= 420 IO= 6.00A	1	D1
32	36		1118982-00	VES 1003 RECT ASSY@150V 1A	3	D17,D18,D24
33	37		1119254-00	PIV= 50 IO=25.00A TO-3	1	D10
34	38		1212297-05	MATE-N-LOK 06PIN(2X03).250CC HDR	1	J1
35	39		1213921-03	*** THIS ITEM IS NOT USED ***	-	
36	40	USED ON Z2	1215228-00	HEAT SINKS,TO-220 01.25X0.87	1	
37	41		1218944-00	PCB HEADER 15PIN(1X16).156CC 90D	1	J2
38	42		1218944-02	*** THIS ITEM IS NOT USED ***	-	
39	43	USED ON Q1,Q2,D10	1219050-00	HEAT SINKS,TO-3 1.880X1.40	3	
40	44	USED ON D11	1219253-00	HEAT SINK,TO-3 1.780X1.78	1	
41	45		1300202-00	47.0 .25 W 5.0 % CF	1	R17
42	46		1300295-00	330.0 .25 W 5.0 % CF	4	R66,R22-R24
43	47		1300316-00	470.0 .25 W 5.0 % CF	3	R19,R77,R95
44	48		1300439-00	3.30 K .25 W 5.0 % CF	3	R65,R71,R73
45	49		1300479-00	10.0 K .25 W 5.0 % CF	16	R63,R48,R50-R52,R78,R81-R83,R85, R89,R94,R72,R74,R92,R93
46	50		1319470-53	100.0 K 1.0 W 5.0 % M.OXIDE	2	CONT R3,R4
47	51		1301317-00	10.0 .25 W 5.0 % CF	1	R18
48	52		1301874-00	5.60 K .25 W 5.0 % CF	1	R62
49	53		1312546-00	*** THIS ITEM IS NOT USED ***	-	
50	55		1303178-00	620.0 .25 W 5.0 % CF	2	R64,R90
51	56		1303313-00	12.10 K .25 W 1.0 % RN55D-F10	1	R55
52	57		1304693-00	*** THIS ITEM IS NOT USED ***	-	
53	58		1305322-00	7.50 K .25 W 1.0 % RN55D-F10	2	R32,R33
54	59		1305324-00	4.99 K .25 W 1.0 % RN55D-F10	6	R27,R56,R54,R58,R99,R107
55	60		1309595-00	1.0 M .25 W 5.0 % CF	7	R67,R69,R86,R87,R11,R101,R102
56	61		1311522-00	200.0 .25 W 5.0 % CF	1	R49
57	63		1313591-00	1.65 K .25 W 1.0 % RN55D-F10	1	R97
58	64		1313846-00	2.26 K .25 W 1.0 % RN55D-F10	1	R53
59	65		1319531-01	*** THIS ITEM IS NOT USED ***	-	
60	66		1314187-00	*** THIS ITEM IS NOT USED ***	-	
61	68		1314350-00	1.0 2.0 W10.0 % FUSE	2	R5,R6
62	69		1315052-00	500.0 5.0 W 5.0 % WW	2	R7,R8
63	70		1315437-00	237.0 K .25 W 1.0 % RN55D-F10	1	R29
64	71		1316638-00	2.49 K .25 W .10% RN55E-B 2	11	R26,R35,R37-R45
65	72		1317835-00	.01 3.0 W 3.0 % WW	3	R15,R16,R12
66	73		1318968-01	2.0 M .25 W 1.0 % RN55D-F10	1	R28
67	74		1318981-00	*** THIS ITEM IS NOT USED ***	-	
68	75		1318981-01	82.0 3.0 W 5.0 % WW	1	R20
69	76		1303226-00	*** THIS ITEM IS NOT USED ***	-	
70	77		1319221-00	3.48 K .25 W .10% RN55E-B 2	2	R25,R36
71	78		1319221-01	11.80 K .25W .10% RN55E-B 25	1	R34
72	79		1319242-00	750.0 K .25 W 5.0 % CF	1	R70
73	80		1501913-00	*** THIS ITEM IS NOT USED ***	-	
74	82		1510706-00	*** THIS ITEM IS NOT USED ***	-	
75	83		1510877-00	2N 6028 UJT 300MW R67B	1	D14
76	84		1517910-00	2N 6547 NPN TO-3	2	Q1,Q2

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							H7862 PWR SUPPLY CIRCUIT BOARD		K	PL	5415086-0-DBP	D

AUTOMATED BY PRTLST.3P(44)

P A R T S L I S T

SHEET A3 OF A4

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
77	85		1514271-00	D 44Q1 NPN 31W SI	1	Q3
78	86		1510705-00	XA 05 NPN 500MW SI 60 50 P	2	Q5,Q6
79	87		1618951-00	CHOKE,COMMON MODE 2A	1	T1
80	88		1618998-00	PULSE XFMR,BASE DRIVE	1	T2
81	89		1618999-00	XFMR P=AB S=20VDC@200MA	1	T4
82	90		1619000-00	XFMR P=240/360V S=MULTIPLE	1	T3
83	91		1619001-00	INDUCTOR,HIGH FREQUENCY,POWER 50	1	L4
84	92		1619002-00	INDUCTOR,HIGH FREQUENCY,COUPLED	1	L1
85	93		1912048-05	7812 VOLT REG,FIX +12V	1	Z2
86	94		1912108-00	339 VOLT CMPRTR,QUAD	3	E3,E4,E12
87	95		1914156-00	LM 393 VOLT COMPARATOR DUAL	1	E11
88	96		1914156-01	LM 393AN VOLT COMPARATOR,DUA	1	E8
89	97		1914517-01	7912 VOLT REG,FIX -12V	1	Z1
90	98		1916819-00	3527A MODULATOR,REGULATING	1	E5
91	99		2113633-00	4069UBINVERTER GATE-HEX	1	E10
92	100		2113634-00	4070B X-OR GATE-QUAD CMOS	1	E9
93	101		2113642-00	4081B AND GATE-QUAD 2IN CM	1	E6
94	102		2113644-00	4093B NAND GATE-QUAD 2IN C	1	E7
95	103		2113645-00	4098B MULTIVIBRATOR,DUAL M	2	E1,E2
96	104		5015085-00	DRILL AND ETCH BD.	1	
97	105		9000038-13	SCREW,MACH PAN PHIL 10-	4	
98	106		9009990-00	NUT,HEX EXT TOOTH LCKWSHR 4-40	1	
99	109		9007906-00	WASHER,HELICAL SPLIT STEEL	4	
100	111		9008301-01	*** THIS ITEM IS NOT USED ***	-	
101	113		9009676-00	TERM,SOLDER BARRIER STR	7	
102	114		9009950-01	WASHER,FLAT BRASS	4	
103	115		9010099-00	*** THIS ITEM IS NOT USED ***	-	
104	116		1319255-16	33.0 1.0 W 5.0 % M.OXIDE	2	R9,R10
105	118		1319326-01	1.80 M .25 W 5.0 % CF	2	R47,R46
106	119		1319327-01	1.30 K .25 W 1.0 % RN55D-F10	2	R98,R31
107	120		1319325-01	392.0 .25 W 1.0 % RN55D-F10	1	R30
108	121		1019368-01	.082 MFD 80V 10% MYLR	1	C31
109	123	D-CS-5415086-0-1		CIRCUIT SCHEMATIC	REF	
110	124	E-UA-5415086-0-0		UNIT ASSEMBLY	REF	
111	125	D-MD-5015085-0-0		CIRCUIT DRILL & ETCH	REF	
112	126	D-EC-5015085-0-0		ETCH CUT DRAWING	REF	
113	127		1619530-01	INDUCTOR,HIGH FREQUENCY,POWER	1	L2
114	128		9008185-00	NUT,HEX EXT TOOTH LCKWSHR 6-32	8	
115	129		9006458-00	*** THIS ITEM IS NOT USED ***	-	
116	130		9009769-00	WASHER,RECTNGLR STEEL	1	
117	131		9007201-00	*** THIS ITEM IS NOT USED ***	-	
118	132		1019537-01	1000 MFD 35V +50-10% AL EL	1	C20
119	133		1519536-01	SCR PIV= 50 IO= 8.00A	1	D15
120	134		1214415-01	*** THIS ITEM IS NOT USED ***	-	
121	135		1012783-00	.022 MFD 50V +80-20% CER	2	C36,C43
122	136		1302177-00	47.0 K .25 W 5.0 % CF	4	R68,R84,R104,R75
123	137		1300391-00	1.50 K .25 W 5.0 % CF	1	R91
124	138		9105740-55	WIRE(WRAP) 30AWG KYNAR UL14 A/R		

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							H7862 PWR SUPPLY CIRCUIT BOARD		K	PL	5415086-0-DBP	D

AUTOMATED BY PRTLST.3P(44)

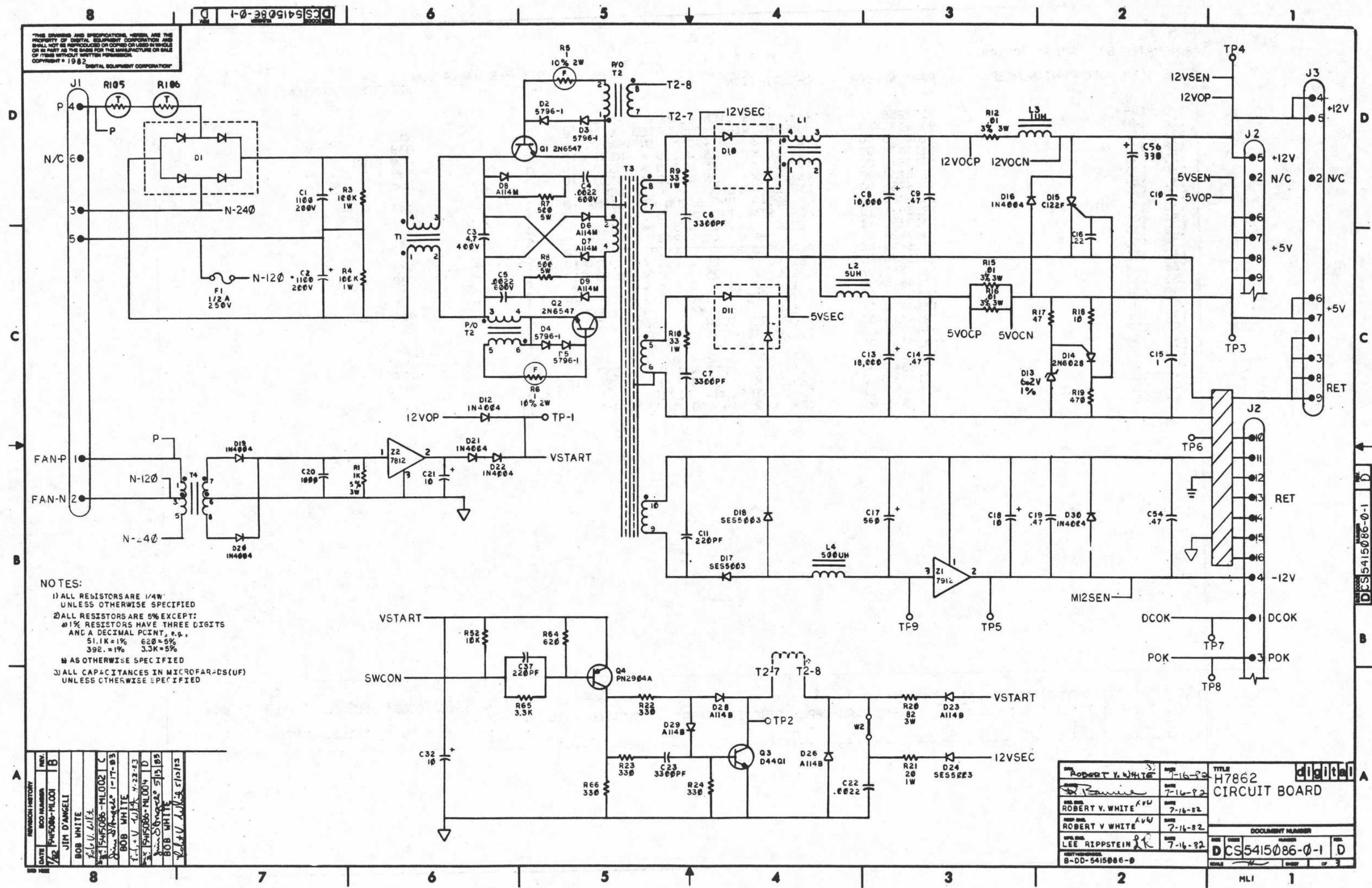
PARTS LIST

SHEET A4 OF A4

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
125	139		9107256-01	*** THIS ITEM IS NOT USED ***	-	
126	140		9009185-00	JUMPER, WIRE, INSULATED, BLACK B	2	W1,W2
127	141		1104860-00	VZ= 3.3 5% 400 MW 1N746A	1	D38
128	142		1313476-00	51.10 K .25 W 1.0 % RN55D-F10	2	R60,R100
129	143		1313843-00	107.0 K .25 W 1.0 % RN55D-F10	1	R59
130	144		1305130-00	133.0 K .25 W 1.0 % RN55D-F10	1	R88
131	145		9006732-00	EYELET,ROLLED 0.1210DX0.219	1	
132	146		1519860-01	2904A PNP 600MN 60V 600MA TO	1	Q4
133	147	USE ON Z1	1213921-10	HEAT SINK,TAB MNT TO220	1	
134	148		1319255-11	20.0 1.0 W 5.0 % M.OXIDE	1	R21
135	149		1019422-01	4.7MFD 400V 20% MET. MYLR	1	C3
136	150		1215699-06	PCB,HEADER 8POS(1X09).156CC STR	1	J3
137	151		1303136-00	61.90 .25 W 1.0 % RN55D-F10	1	R79
138	152		1318341-01	162.0 .25 W 1.0 % RN55D-F10	1	R80
139	153		1314675-00	1.0 K 3.0 W 5.0 % WW	1	R1
140	154		1012312-00	.47 MFD 50V +80-20% CER	1	C41
141	155		1314270-01	5.0 15.0 % NTC THERM	2	R105,R106
142	156		1214415-03	FUSE, REG BLOW, .500 , 250V,	1	F1
143	157		9107278-09	TUBING,TEFLON .042ID	A/R	
144	158		1620807-01	1.0 UH 10A	1	L3
145	159		1013393-00	330 MFD 20V+100-10% AL EL	1	C56
146	160		1316843-00	13.70 K .25 W 1.0 % RN55D-F10	1	R57
147	161		1315435-00	25.50 K .25 W 1.0 % RN55D-F10	1	R108
148	162		9107256-11	TUBING,TEFLON .027ID	A/R	
149	163		1102421-01	VZ= 6.2 1% 400 MW 1N753A	1	D13

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							H7862 PWR SUPPLY CIRCUIT BOARD		K	PL	5415086-0-DBP	D

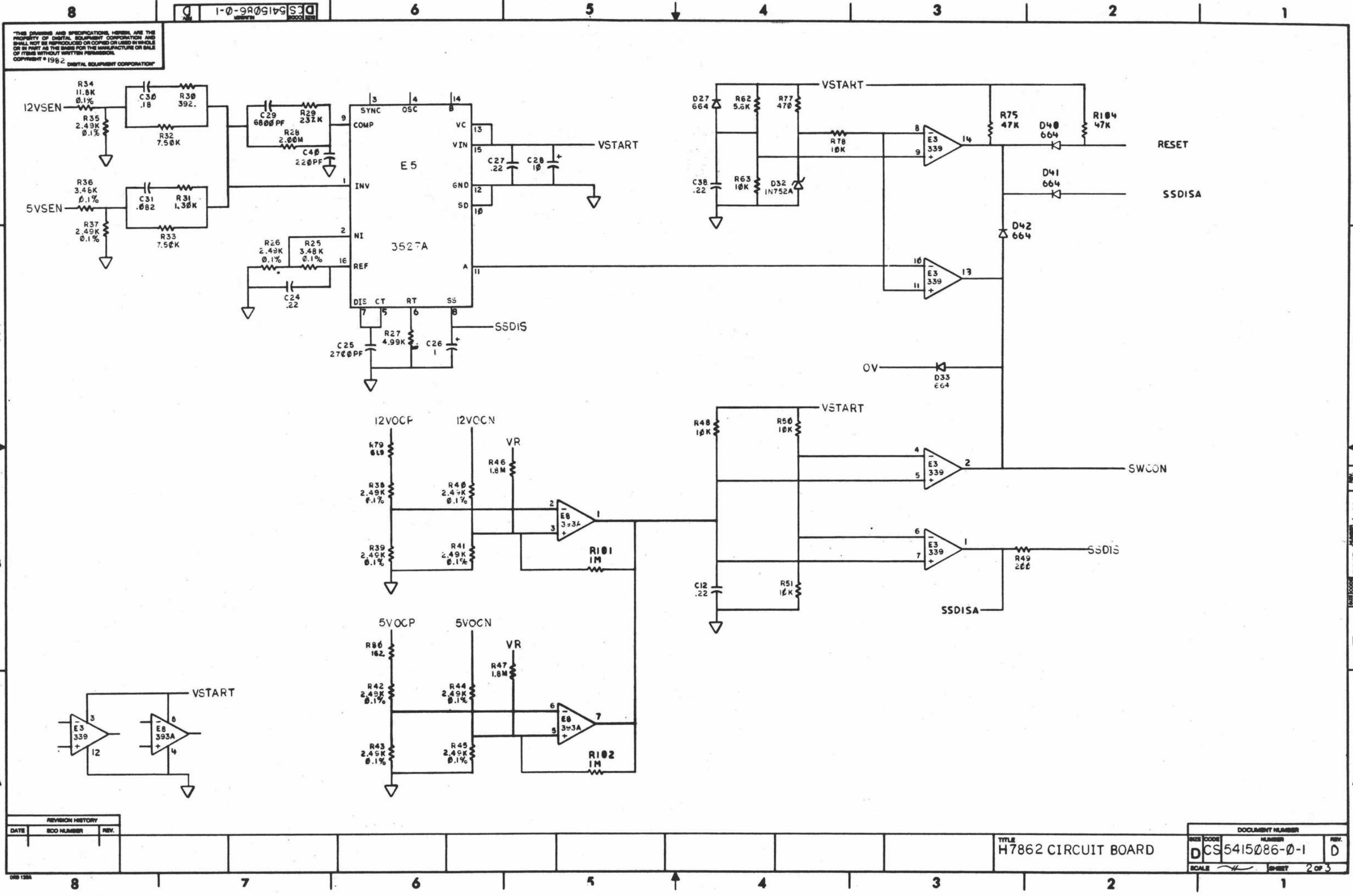
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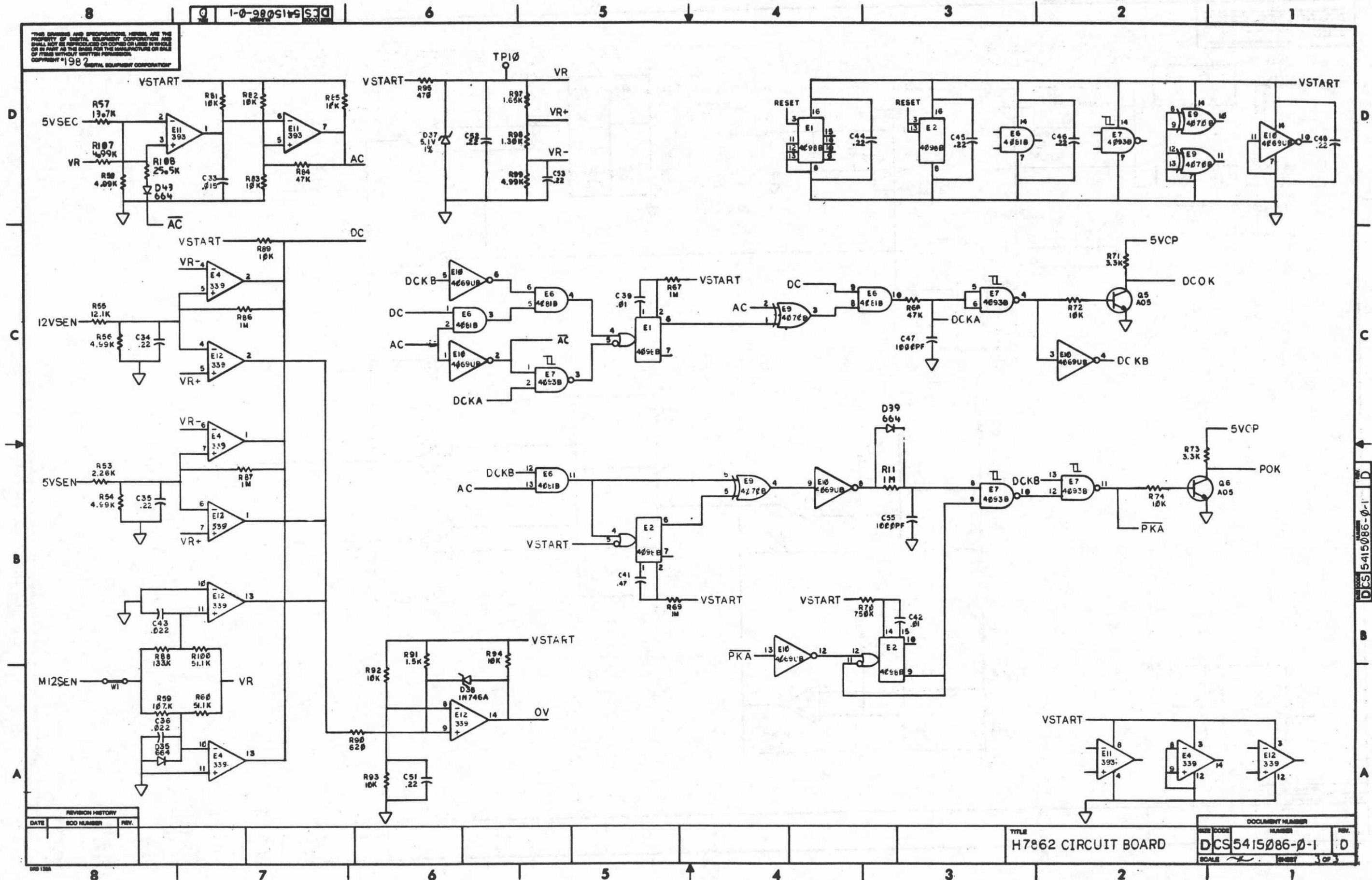


- NOTES:
- 1) ALL RESISTORS ARE 1/4W UNLESS OTHERWISE SPECIFIED
 - 2) ALL RESISTORS ARE 5% EXCEPT: 1% RESISTORS HAVE THREE DIGITS AND A DECIMAL POINT, e.g., 51.1K=1% 620=5% 392.=1% 3.3K=5% 3) AS OTHERWISE SPECIFIED
 - 3) ALL CAPACITANCES IN MICROFARADS (UF) UNLESS OTHERWISE SPECIFIED

REV.	DATE	BY	CHKD.	APP'D.
1	7-16-82	BOB WHITE	JIM D'ANGELO	
2	7-16-82	BOB WHITE	JIM D'ANGELO	
3	7-16-82	BOB WHITE	JIM D'ANGELO	
4	7-16-82	BOB WHITE	JIM D'ANGELO	
5	7-16-82	BOB WHITE	JIM D'ANGELO	
6	7-16-82	BOB WHITE	JIM D'ANGELO	
7	7-16-82	BOB WHITE	JIM D'ANGELO	
8	7-16-82	BOB WHITE	JIM D'ANGELO	

DESIGNED BY ROBERT V. WHITE	DATE 7-16-82	TITLE H7862 CIRCUIT BOARD
CHECKED BY ROBERT V. WHITE	DATE 7-16-82	
APPROVED BY LEE RIPPSTEIN	DATE 7-16-82	
DOCUMENT NUMBER DCS5415086-0-1		





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TABLE OF CONTENTS

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FIELD MAINTENANCE PRINT SET

B-TC-RX50-0-1	FIELD MAINTENANCE PRINT SET (RX50)
E-UA-RX50-0-DBU	RX50 DUAL FLOPPY DISK DRIVE
K-PL-RX50-0-DBP	RX50 DUAL FLOPPY DISK DRIVE (PL)
B-DD-RX50-0	DRAWING DIRECTORY (RX50)
D-CS-5415066-0-1	SEEK/INTERFACE BOARD
D-CS-5415111-0-1	READ/WRITE BOARD
D-CS-5415074-0-1	SPINDLE MOTOR SPEED CONTROL BOARD
C-1A-7018834-0-DBU	CABLE ASSY. WRITE/PROTECT
C-1A-7018835-0-DBU	CABLE ASSY., INDEX
C-1A-7018418-0-DBU	CABLE ASSY., R/W
B-1A-7018933-0-DBU	CABLE ASSY., SOLENIOD
B-1A-7018931-0-DBU	CABLE ASSY., TRACK-O-SENSOR
B-1A-7019041-0-DBU	CABLE ASSY., BEZEL LED

UNIT VARIATIONS
COVERED BY THIS
PRINT SET

RX50-AA

RX50
FIELD MAINTENANCE
PRINT SET

DIGITAL EQUIPMENT
CORPORATION

PRINT SET PART NUMBER MP- 01482

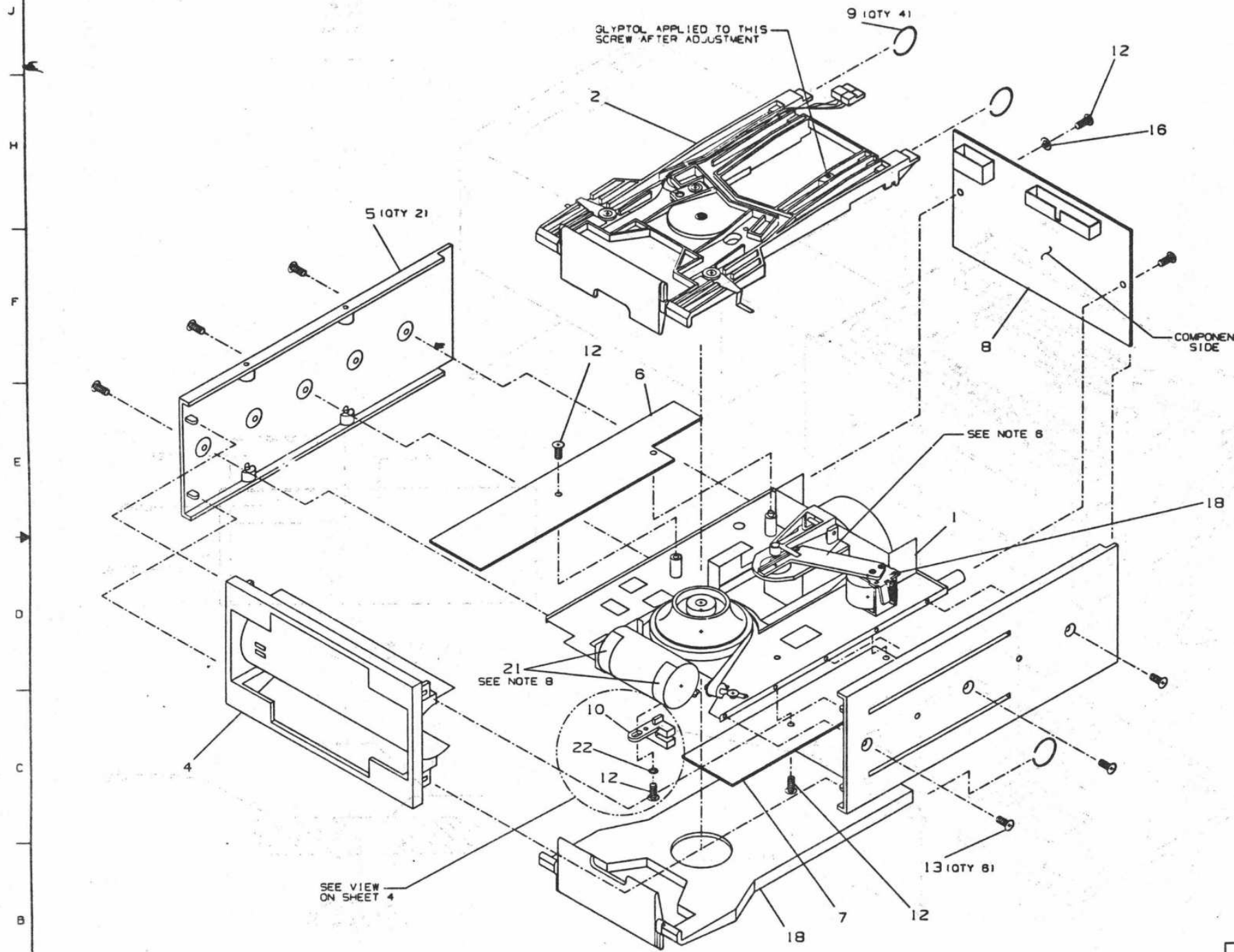
REVISIONS	REV.	A	USED ON OPTION/MODEL	DRN.	DATE	TITLE	digital	
	CHANGE NO.	INITIAL		G. MACKENZIE	7/13/82			FIELD MAINT. PRINT SET (RX50)
CHK			RX50-AA	CHK'D	DATE			
				M. CARMAN	7/13/82			
				PROJ. ENG.	DATE			
				M. CARMAN	7/13/82			
				FIELD SERV.	DATE			
				R. AYRES	7/13/82	SIZE CODE	NUMBER	REV.
						B TC	RX50-0-DBU	A
SHEET 1 OF 1				DIST.				

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LEGEND		
PART NO.	REV	VARIATION
RX50-AA	A1	AS SHOWN

NOTES:

1. WHEN INSTALLING CONE LIFT RETURN SPRINGS (ITEM 9) OPEN PORTION OF SPRING SHOULD FACE REAR OF UNIT WITH FORWARD PORTION BEING RETAINED BY SLOT IN CONE LIFT COVER.
2. WHEN DRESSING BEZEL L.E.D. CABLE IT MUST BE UNDER DC MOTOR CABLE.
3. AFTER INSTALLING READ/WRITE BOARD (ITEM 7) AND SPINDLE MOTOR SPEED CONTROL BOARD (ITEM 6) BE SURE THE DRIVE BELT CLEARS ALL OBSTRUCTIONS.
4. BEFORE INSTALLING SIDE PLATES (ITEM 5) HEAD CABLES MUST BE IN POSITION OF STRAIN RELIEF FEATURE IN BASEPLATE (ITEM 1) SO SIDE PLATE WILL PROPERLY RESTRAIN IT AFTER INSTALLATION.
5. AFTER INSTALLING SIDE PLATES (ITEM 5) SQUEEZE PLATES TOGETHER JUST BEHIND BEZEL (ITEM 4) SO AS TO FULLY SEAT THEM IN BEZEL.
6. LIFTER ARM MUST BE POSITIONED UNDER HEAD LOAD ARM BEFORE TIGHTENING SOLENOID DOWN.
7. AFTER ASSY BE SURE ALL WIRES AND OTHER ABSTRUCTIONS ARE CLEARED FROM THE AREA IN WHICH THE DISKETT RESIDES.
8. BEFORE INSTALLING BEZEL, CUT TAPE TO $2.5 \pm .2$ LENGTH AND INSTALL ON BOTH ENDS TO COVER FRONT HALF OF MOTOR.

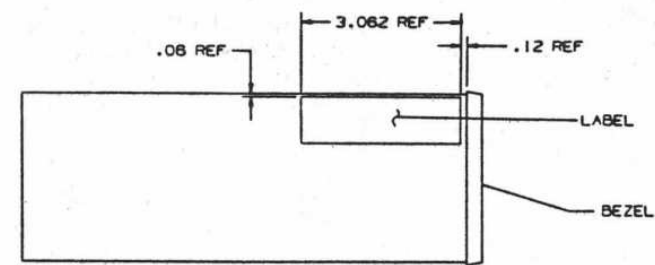
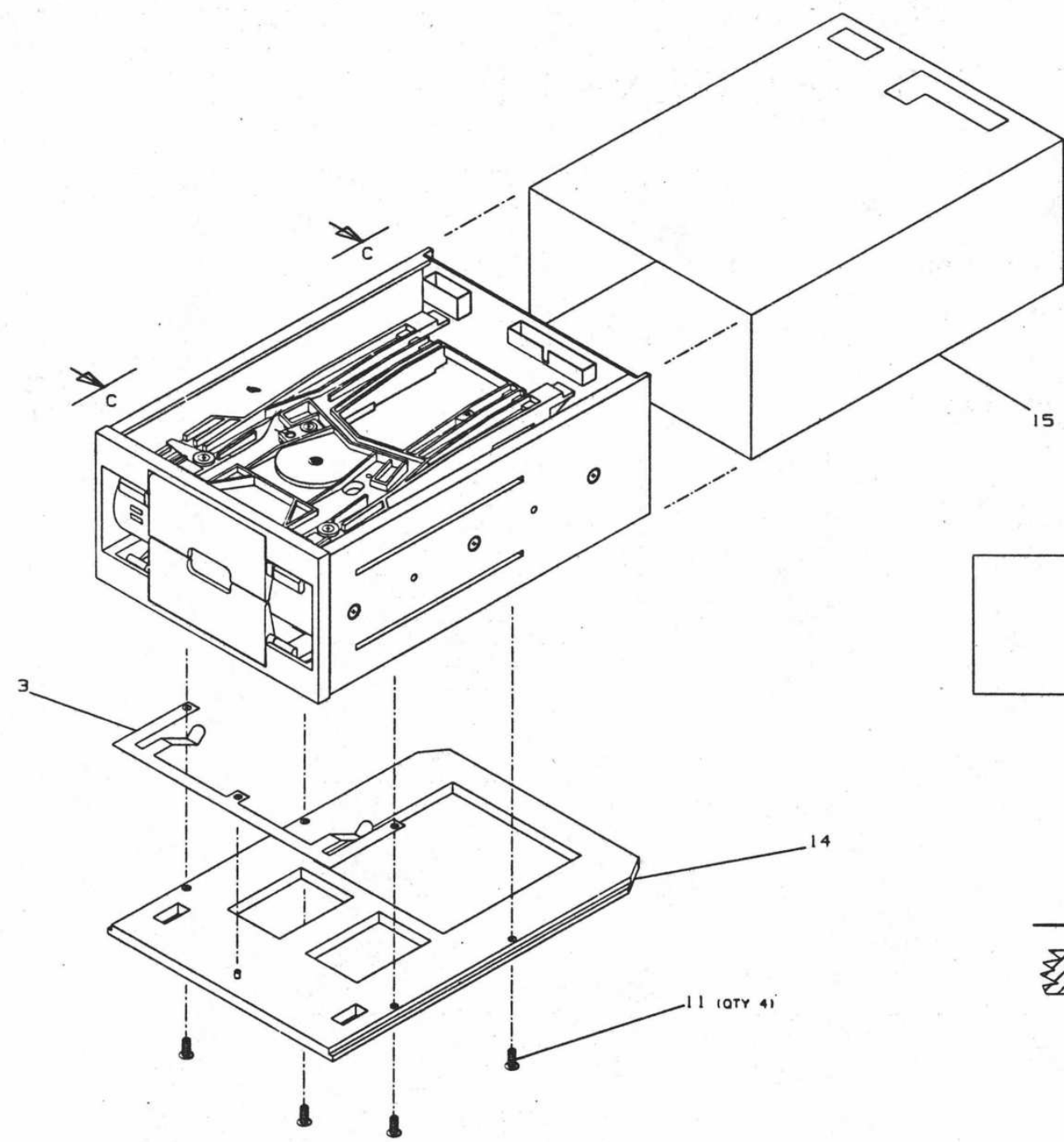


CAUTION: OFF-SHEET PARTS LIST EXISTS
SEE K-PL-RX50-0-DBP

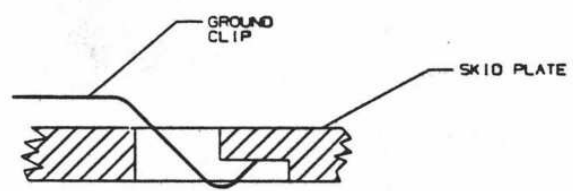
DESCRIPTION		DRAWING NO.		PART NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD 114)					
UNIT VALUES	1ST-2ND	DIMENSION RANGE IN INCHES			
	3RD-4TH				
	5TH-6TH				
	7TH-8TH				
	9TH-10TH				
	11TH-12TH				
	13TH-14TH				
	15TH-16TH				
	17TH-18TH				
	19TH-20TH				
	21ST-22ND				
	23RD-24TH				
	25TH-26TH				
	27TH-28TH				
	29TH-30TH				
	31ST-32ND				
	33RD-34TH				
	35TH-36TH				
	37TH-38TH				
	39TH-40TH				
	41ST-42ND				
	43RD-44TH				
	45TH-46TH				
	47TH-48TH				
	49TH-50TH				
	51ST-52ND				
	53RD-54TH				
	55TH-56TH				
	57TH-58TH				
	59TH-60TH				
	61ST-62ND				
	63RD-64TH				
	65TH-66TH				
	67TH-68TH				
	69TH-70TH				
	71ST-72ND				
	73RD-74TH				
	75TH-76TH				
	77TH-78TH				
	79TH-80TH				
	81ST-82ND				
	83RD-84TH				
	85TH-86TH				
	87TH-88TH				
	89TH-90TH				
	91ST-92ND				
	93RD-94TH				
	95TH-96TH				
	97TH-98TH				
	99TH-100TH				
P. 100 - 1000		B. 001 - 009		C. 000 - 000	
P. 1000 - 10000		B. 0000 - 00000		C. 00000 - 00000	
P. 10000 - 100000		B. 00000 - 000000		C. 000000 - 0000000	
P. 100000 - 1000000		B. 000000 - 0000000		C. 0000000 - 00000000	
P. 1000000 - 10000000		B. 0000000 - 00000000		C. 00000000 - 000000000	
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P. 100 - 1000		B. 000 - 00		C. 00 - 000	
P. 1000 - 100		B. 00 - 00		C. 000 - 00	
P. 100 - 1000		B. 000 - 000		C. 00 - 000	
P. 1000 - 100		B. 00 - 00		C. 000 - 00	
P. 100 - 1000		B. 000 - 000		C. 00 - 000	
P. 1000 - 100		B. 00 - 00		C. 000 - 00	
P. 100 - 1000		B. 000 - 000		C. 00 - 000	
P. 1000 - 100		B. 00 - 00		C. 000 - 00	
P. 100 - 1000		B. 000 - 000		C. 00 - 00	
P. 1000 - 100		B. 00 - 000		C. 000 - 00	
P. 100 - 1000		B. 000 - 00		C. 00 - 000	
P. 1000 - 100		B. 00 - 000		C. 000 - 00	
P. 100 - 1000		B. 000 - 000			

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FIG. 0-05AM REV 3



VIEW C-C
LABEL PLACEMENT

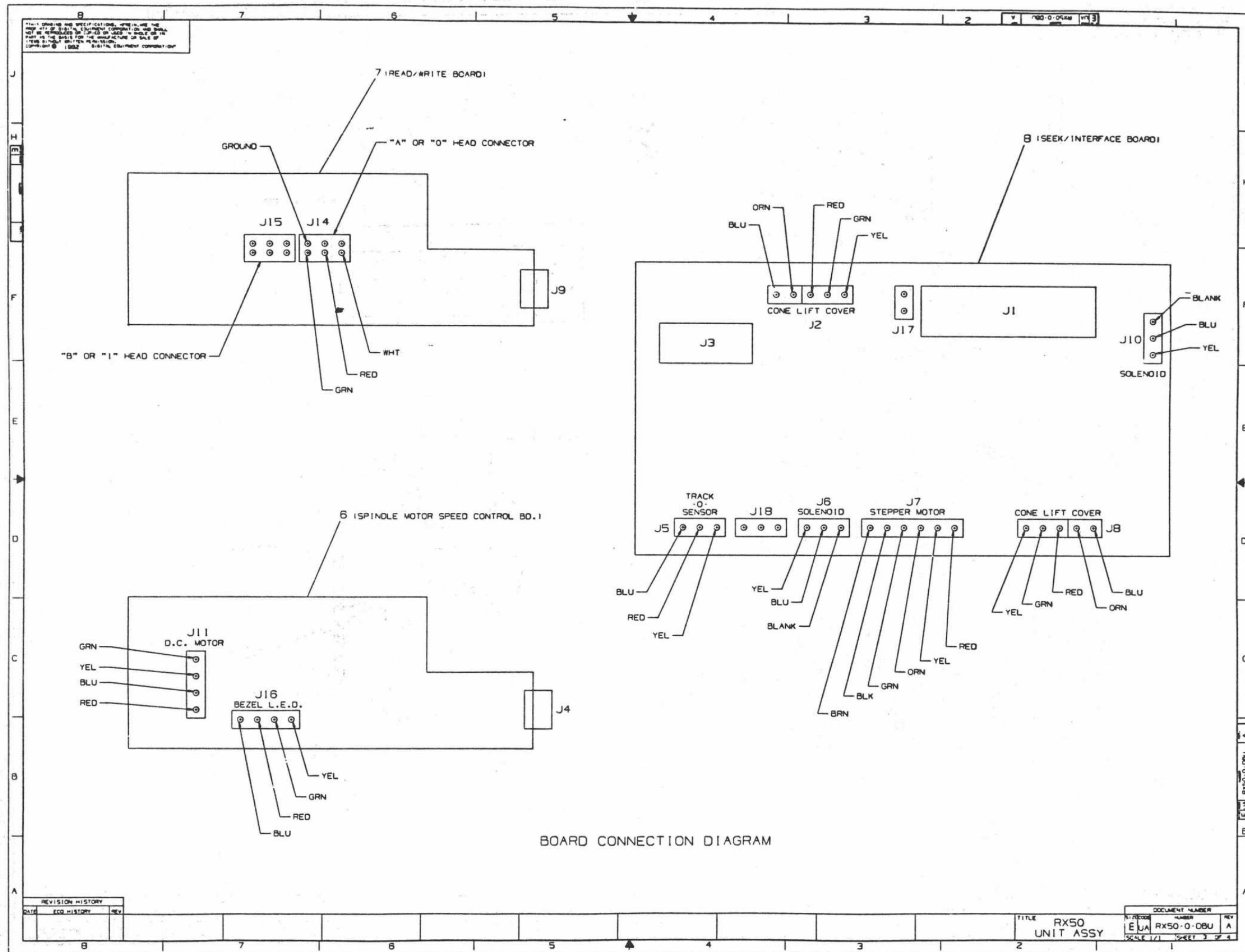


DETAIL OF HOW
GROUND CLIP FITS
INTO SKID PLATE

REVISION HISTORY		
DATE	ECO HISTORY	REV

TITLE
RX50
UNIT ASSY

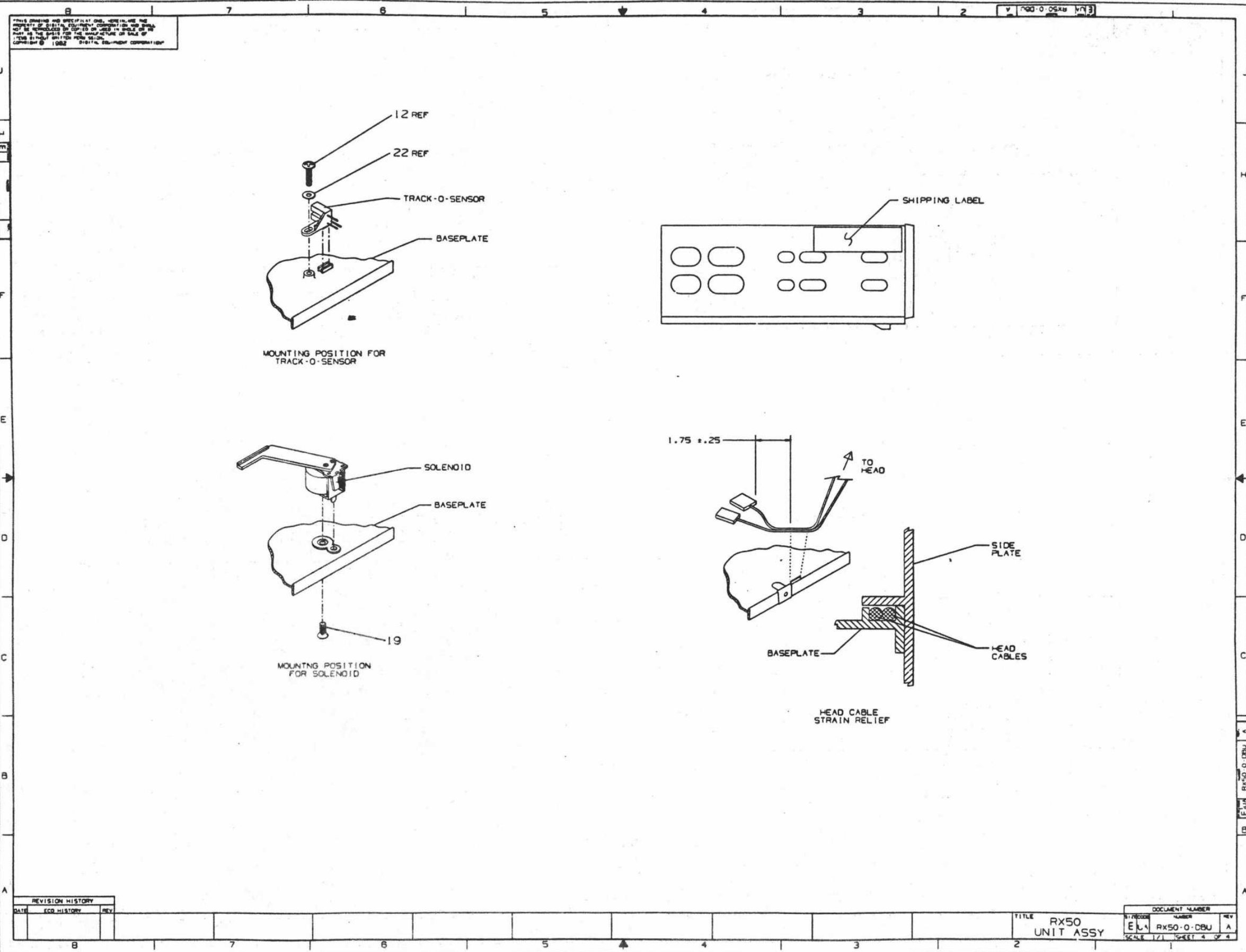
DOCUMENT NUMBER		
STANDARD	NUMBER	REV
EUA	RX50-0-DBU	A
SCALE 1/1	SHEET 2 OF 4	



REVISION HISTORY		
DATE	ECO HISTORY	REV

TITLE RX50
UNIT ASSY

DOCUMENT NUMBER
EUA RX50-0-08U
SCALE 1/1 SHEET 3 OF 4



REVISION HISTORY		
DATE	ECO HISTORY	REV

TITLE		DOCUMENT NUMBER	
RX50 UNIT ASSY		ELN	RX50-0-DBU
SCALE 1/1		SHEET 4 OF 4	

AUTOMATED BY PRTLST.4Q(50)

PARTS LIST

SHEET A1 OF A1

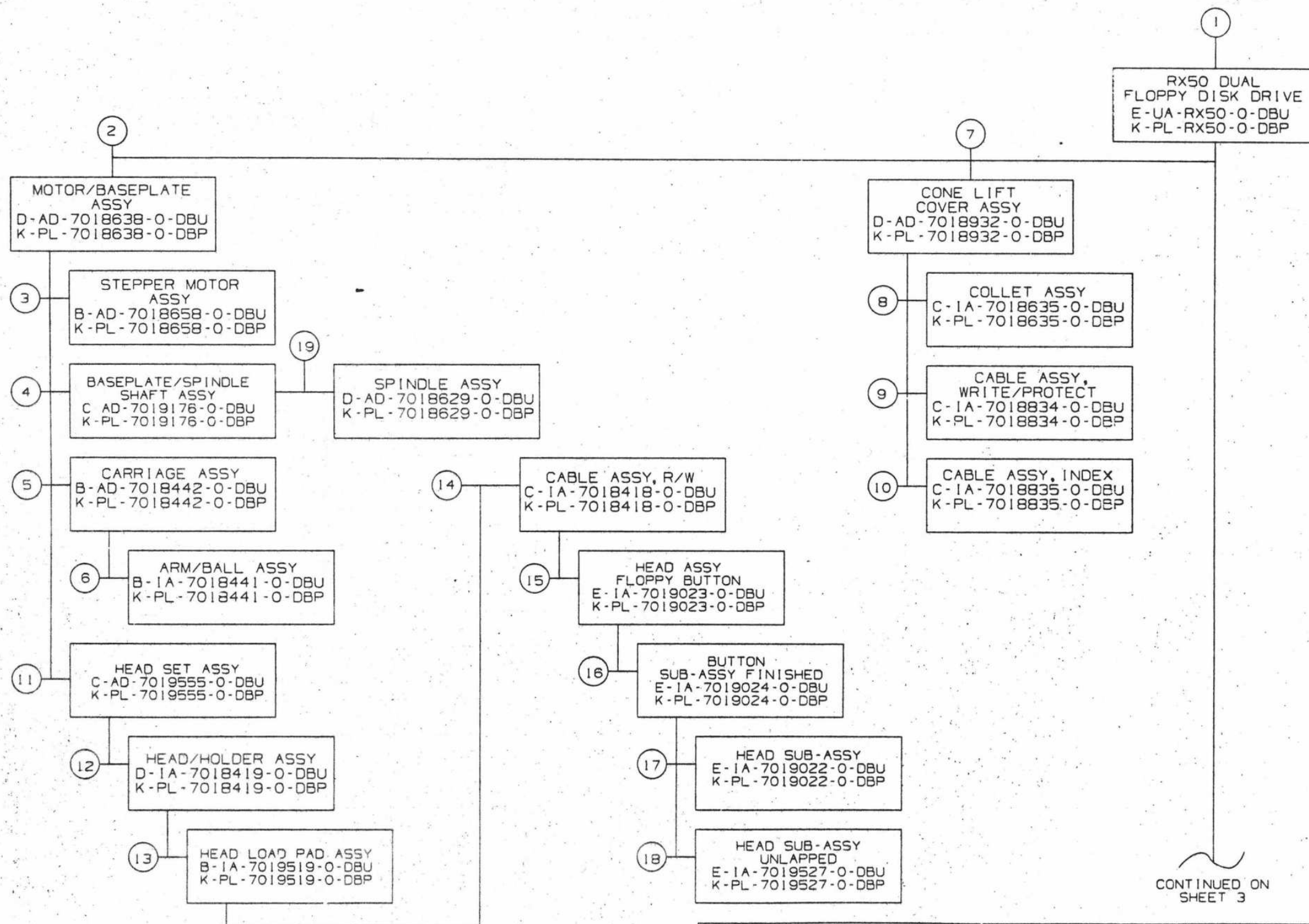
LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION XA
1	1		EKDM250-IN	DECMATE II RX50 DRIVE OPTION INS	1
2	2		ORX50-AA	DUAL 5.25" SINGLE SIDED FLOPPY D	1
3	3		1700317-04	CABLE ASSY 34COND SHIELDED 14.5	1
4	4		3700694-01	PKG DISK DRIVE RX50	1
5	5		4700042-00	*** THIS ITEM IS NOT USED ***	-
6	6		3620222-01	LABEL, CONFIGURATION	1
7	7		4700043-00	SCREWDRIVER, PHILLIPS #1	1

REVISION HISTORY			BASIC PART NO: ORX50		DRN: D. HEALY		DATE: 29-NOV-82		D I G I T A L				
ENG	ECO NUMBER	REV	SECTION A OF A		CHK'D: D. HEALY		DATE: 01-DEC-82		TITLE		PARTS LIST		
FC	INITIAL RX50-X-ML001	A B	SECTION VARIATION INDEX		[A] XA		DATE: 01-DEC-82		RX50 UPGRADE DRIVE KIT				
			[B]		DES.ENG.: F. CHALOUX		DATE: 01-DEC-82		DOCUMENT NUMBER				
			[C]		RESP.ENG.: F. CHALOUX		DATE: 01-DEC-82		SIZE:CODE:		NUMBER		
			[D]		MFG.ENG.: E. TOMKINS		DATE: 01-DEC-82		K	PL	RX50-X-DBP		
			[E]		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:		EDIT #		
			[F]		K-PL-RX50-X-DBP		B-PL-RX50-X-1		Z5979B.PLS		5		
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DRAWING DIRECTORY

UNIT VARIATIONS

[illegible][illegible]

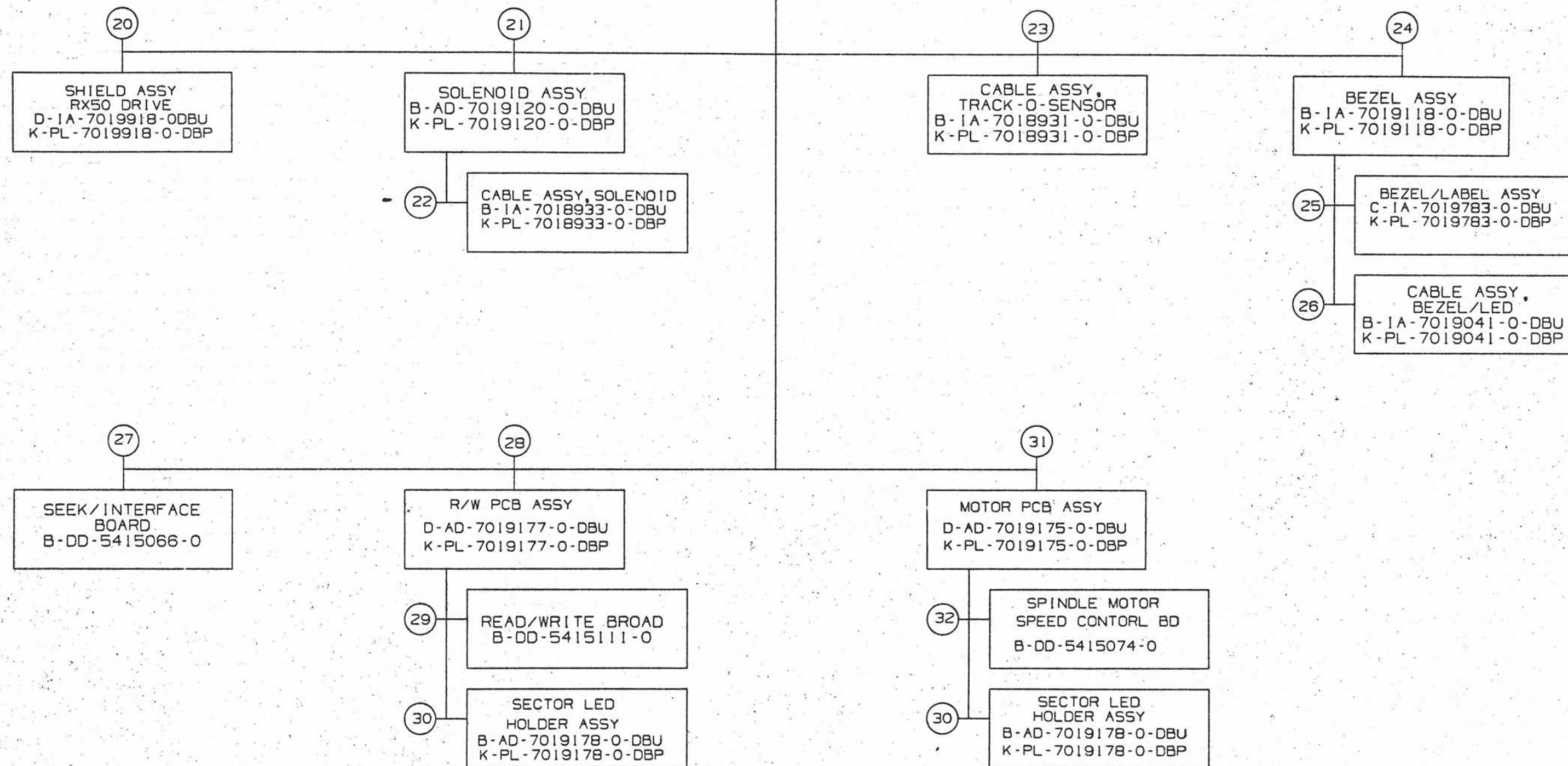


CONTINUED ON
SHEET 3

TITLE:	SIZE	CODE	NUMBER	REV.
RX50 DUAL FLOPPY DISK DRIVE	B	DD	RX50-0	A

SHEET 2 OF 6

CONTINUED FROM
SHEET 2



TITLE:	SIZE CODE	NUMBER	REV.
RX50 DUAL FLOPPY DISK DRIVE	BDD	RX50-0	A

SHEET 3 OF 6

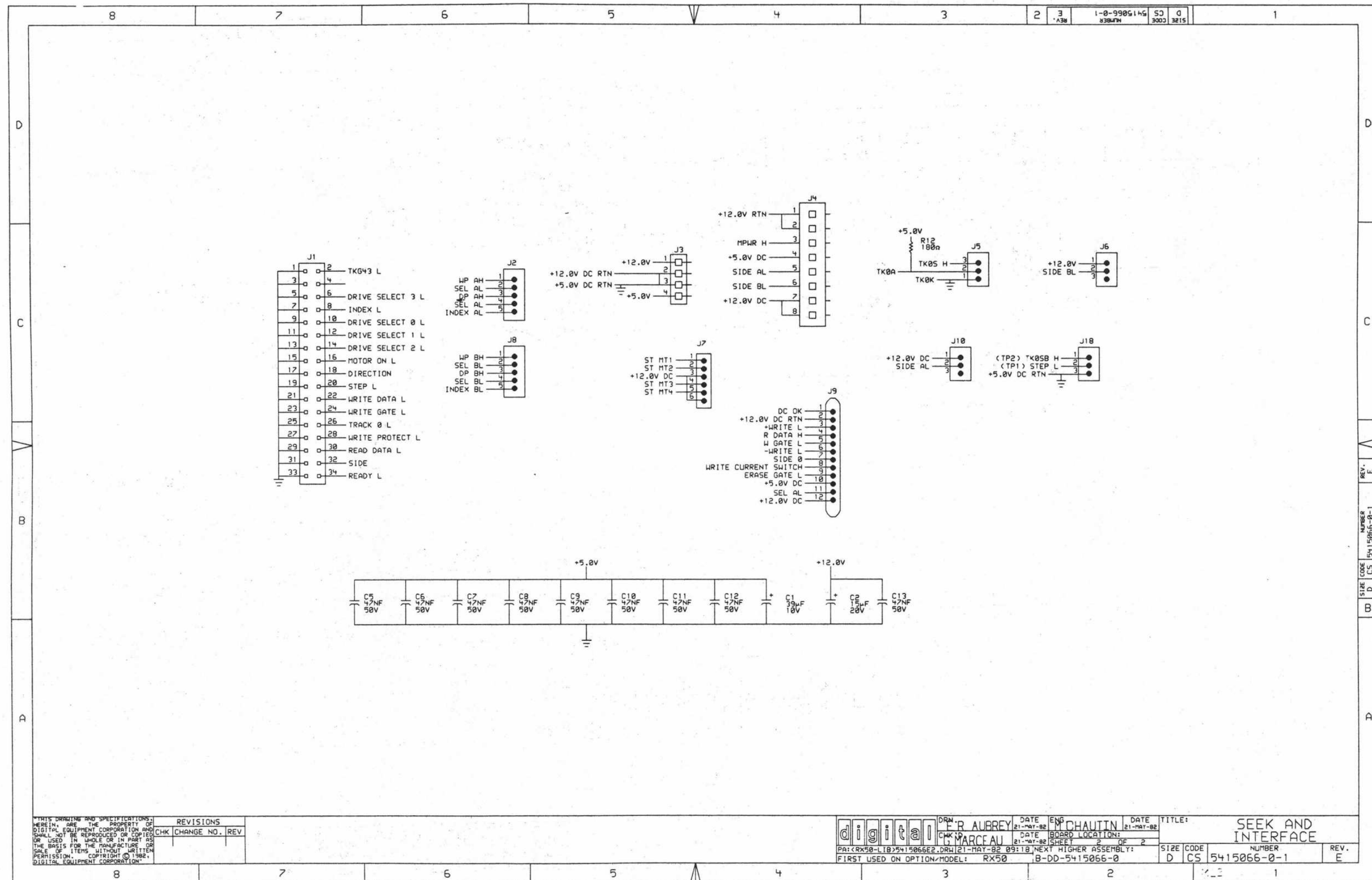
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1	MP1482	RX50 (MP)	-				
	B-TC-RX50-0-1	RX50 FIELD MAINTENANCE PRINT SET (TC)	-				
	E-UA-RX50-0-DBU	RX50 DUAL FLOPPY DISK DRIVE	M				
	K-PL-RX50-0-DBP	RX50 DUAL FLOPPY DISK DRIVE (PL)	M				
	B-PL-RX50-0	RX50 SHIPPING LIST	-	5	B-AD-7018442-0-DBU	CARRIAGE ASSY	M
	A-SP-RX50-0-3	RX50 PRODUCT SPECIFICATION	E/M		K-PL-7018442-0-DBP	CARRIAGE ASSY (PL)	M
	E-MD-7425241-0-DBU	PLATE, SIDE	M		E-MD-7425218-0-DBU	CARRIAGE	M
	C-MD-7425234-0-DBU	SPRING, RETURN CONE LIFT COVER	M		B-MD-7425248-0-DBU	NUT, BAR	M
	D-MD-7425652-0-DBU	PLATE, SKID	M		B-MD-7425226-0-DBU	SPACER, FOLLOWER ARM	M
	D-MD-7426536-0-DBU	CLIP, GROUNDING	M				
	D-MD-9906962-0-DBU	INSERT, SHIPPING					
				6	B-1A-7018441-0-DBU	ARM/BALL ASSY	M
					K-PL-7018441-0-DBP	ARM/BALL ASSY (PL)	M
					D-MD-7425223-0-DBU	ARM, FOLLOWER	M
					B-MD-7425533-0-DBU	BALL	M
2	D-AD-7018638-0-DBU	MOTOR/BASEPLATE ASSY	E/M				
	K-PL-7018638-0-DBP	MOTOR/BASEPLATE ASSY (PL)	E/M	7	D-AD-7018932-0-DBU	CONE LIFT COVER ASSY	E/M
	D-MD-7425832-0-DBU	SPRING, CARRIAGE	M		K-PL-7018932-0-DBP	CONE LIFT COVER ASSY (PL)	E/M
	B-MD-7425214-0-DBU	SHAFT, IDLER	M		E-MD-7425233-0-DBU	LIFT, CONE	M
	B-MD-7425826-0-DBU	PELLET, RUBBER	M		E-MD-7425239-0-DBU	DOOR	M
	B-MD-7425224-0-DBU	SHAFT, GUIDE	M		B-MD-7425232-0-DBU	SPRING, CONICAL	M
	C-MD-7425827-0-DBU	SHOE, SLIDE	M		B-MD-7425236-0-DBU	SPACER, WP SWITCH	M
	1218677-0-0	MOTOR, SPINDLE DRIVE	M		B-MD-7425231-0-DBU	SHAFT, COLLET	M
	1218835-0-0	BELT, WOVEN ENDLESS	M		B-MD-7425225-0-DBU	PAD, REF PLANE LOAD	M
	B-MD-7425244-0-DBU	PULLEY, IDLER	M				
			M				
				8	C-1A-7018635-0-DBU	COLLET ASSY	M
					K-PL-7018635-0-DBP	COLLET ASSY (PL)	M
3	B-AD-7018658-0-DBU	STEPPER MOTOR ASSY	E/M		D-MD-7425230-0-DBU	COLLET	M
	K-PL-7018658-0-DBP	STEPPER MOTOR ASSY (PL)	E/M				
	1218678-0-0	MOTOR, STEPPER 12V DC	E/M				
	E-MD-7425243-0-DBU	LEAD SCREW, POSITIONER	M				
	B-MD-7425228-0-DBU	SPACER	M				
				9	C-1A-7018834-0-DBU	CABLE ASSY, WRITE/PROTECT	E
					K-PL-7018834-0-DBU	CABLE ASSY, WRITE/PROTECT (PL)	E
4	C-AD-7019176-0-DBU	BASEPLATE/SPINDLE SHAFT ASSY	M		D-MD-7425237-0-DBU	SWITCH, WP UPPER	M
	K-PL-7019176-0-DBP	BASEPLATE/SPINDLE SHAFT ASSY (PL)	M		D-MD-7425238-0-DBU	SWITCH, WP LOWER	M
	E-MD-7425213-0-DBU	BASEPLATE	M				
	B-MD-7425217-0-DBU	SHAFT, SPINDLE	M				
TYPE: E ELECTRICAL M MECHANICAL E/M ELECTRO/MECHANICAL				TITLE: RX50 DUAL FLOPPY DISK DRIVE			
				SHEET 4 OF 6		SIZE CODE BDD	NUMBER RX50-0
							REV. A

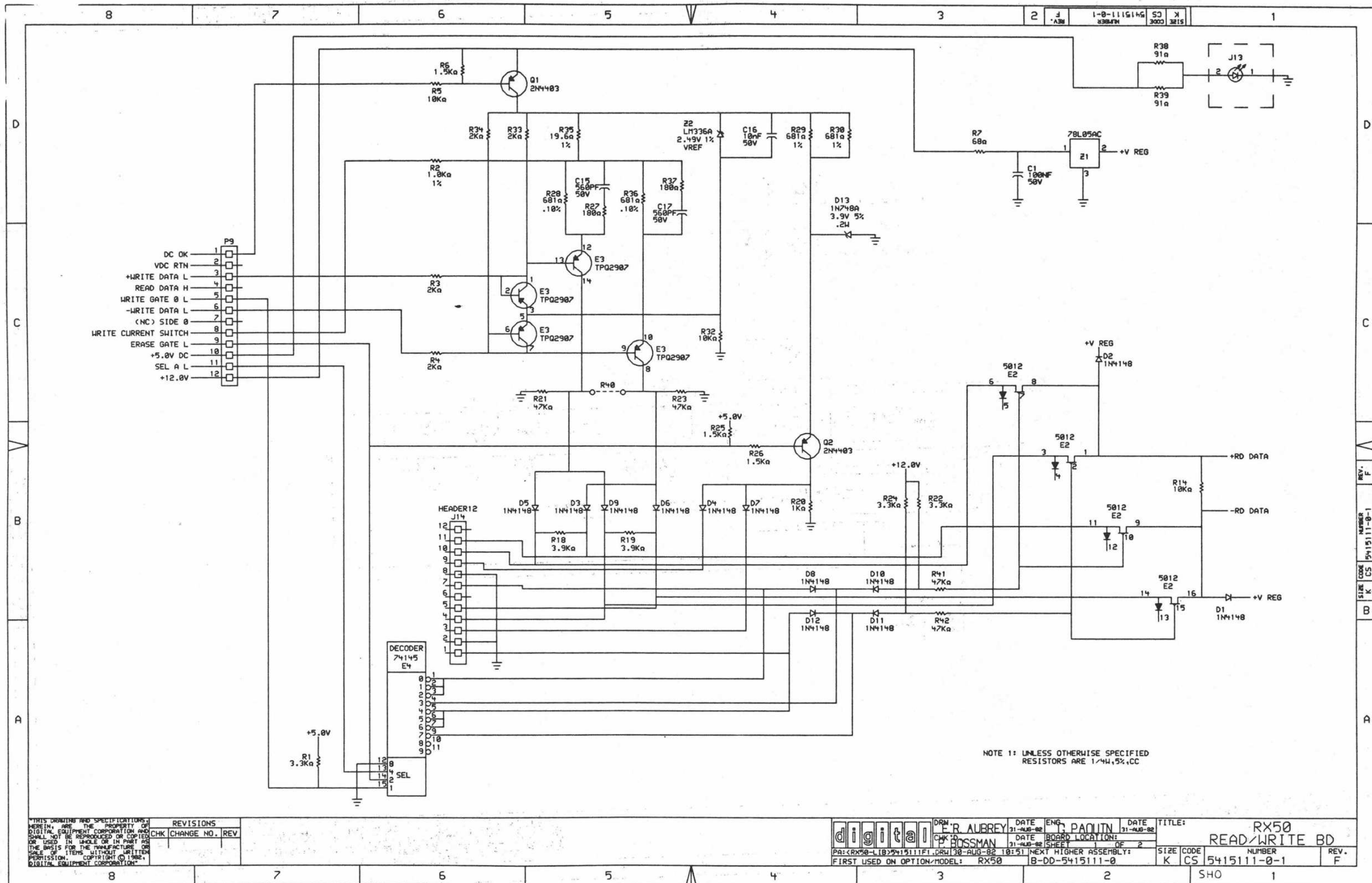
FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE
					C-MD-7426342-0-DBU	SHIELD, RX50 INNER	M
					B-MD-7426343-0-DBU	PIN, TERMINATION	M
					C-MD-7426997-0-DBU	BAR, ERASE BUTT (FLOPPY HEAD)	M
10	C-1A-7018835-0-DBU	CABLE ASSY, INDEX	E				
	K-PL-7018835-0-DBP	CABLE ASSY, INDEX (PL)	E				
	B-MD-7425235-0-DBU	HOLDER, SECTOR SENSOR	M				
				16	E-1A-7019024-0-DBU	BUTTON SUB-ASSY FINISHED	M
					K-PL-7019024-0-DBP	BUTTON SUB-ASSY FINISHED (PL)	M
					E-MD-7426349-0-DBU	BUTTON, PLASTIC FLOPPY	M
11	C-AD-7019555-0-DBU	HEAD SET ASSY, RX50	M				
	K-PL-7019555-0-DBP	HEAD SET ASSY, RX50 (PL)	M				
	C-MC-7426707-0-CBU	STRAIN RELIEF	M				
	1220021-0-0	RAT TAIL	M	17	E-1A-7019022-0-DBU	HEAD SUB-ASSY	M
					K-PL-7019022-0-DBP	HEAD SUB-ASSY (PL)	M
					E-MD-7426347-0-DBU	CORE ASSY R/W	M
					E-MD-7426348-0-DBU	CORE ASSY ERASE	M
					C-MD-7426346-0-DBU	SLIDER	M
12	D-1A-7018419-0-DBU	HEAD/HOLDER ASSY	E/M				
	K-PL-7018419-0-DBP	HEAD/HOLDER ASSY (PL)	E/M				
	D-MD-7425219-0-DBU	HOLDER, HEAD	M				
	D-MD-7425220-0-DBU	ARM HEAD LOAD	M				
	B-MD-7425222-0-DBU	SHAFT, LOAD ARM	M	18	E-1A-7019527-0-DBU	HEAD SUB-ASSY UNLAPPED	M
	D-MD-7425381-0-DBU	SPRING, TORSION	M		K-PL-7019527-0-DBP	HEAD SUB-ASSY UNLAPPED (PL)	M
	C-MD-7426979-0-DBU	SHIELD, HEAD, RX50	M		E-MD-7426347-0-DBU	CORE ASSY R/W	M
					E-MD-7426348-0-DBU	CORE ASSY ERASE	M
					C-MD-7426346-0-DBU	SLIDER	M
13	B-1A-7019519-0-DBU	HEAD LOAD PAD ASSY	M				
	K-PL-7019519-0-DBP	HEAD LOAD PAD ASSY (PL)	M				
	B-MD-7425245-0-DBU	PAD, HEAD LOAD	M				
	B-MD-7425221-0-DBU	HOLDER, HEAD LOAD PAD	M	19	D-AD-7018629-0-DBU	SPINDLE ASSY	M
					K-PL-7018629-0-DBP	SPINDLE ASSY (PL)	M
					E-MD-7425215-0-DBU	SPINDLE	M
					B-MD-7425249-0-DBU	SPACER, SPINDLE	M
14	C-1A-7018418-0-DBU	CABLE ASSY, R/W	E				
	K-PL-7018418-0-DBP	CABLE ASSY, R/W (PL)	E				
15	E-1A-7019023-0-DBU	HEAD ASSY FLOPPY BUTTON	E/M	20	E-1A-7019918-0-DBU	SHIELD ASSY RX50 DRIVE	M
	K-PL-7019023-0-DBP	HEAD ASSY FLOPPY BUTTON (PL)	E/M		K-PL-7019918-0-DBP	SHIELD ASSY RX50 DRIVE (PL)	M
	C-MD-7426344-0-DBU	SPRING BUTT BAR	M		E-MD-7427207-0-DBU	SHIELD, RX50 DRIVE	M
	C-MD-7426345-0-DBU	BAR R/W BUTT (FLOPPY HEAD)	M		D-MD-7427562-0-DBU	SHIELD, SOLENOID RX50	M
TYPE: E ELECTRICAL M MECHANICAL E/M ELECTRO/MECHANICAL				TITLE: RX50 DUAL FLOPPY DISK DRIVE SHEET 50F 6			
				SIZE CODE B DD		NUMBER RX50-0	REV. A

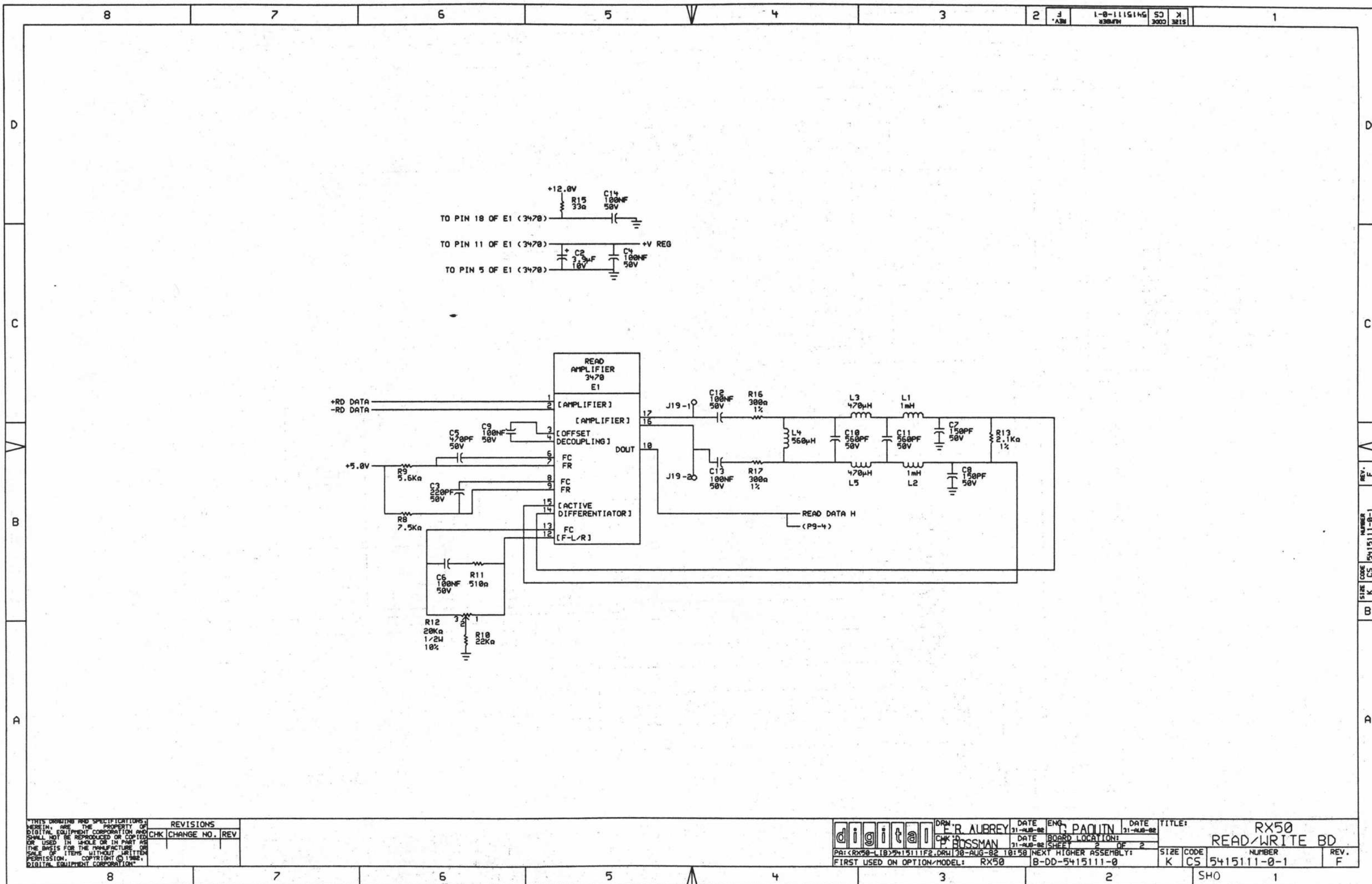
FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE
21	B-AD-7019120-0-DBU	SOLENOID ASSY	E/M				
	K-PL-7019120-0-DBP	SOLENOID ASSY (PL)	E/M	29	B-DD-5415111-0	READ/WRITE BOARD	E/M
	C-MD-7425227-0-DBU	ARM, LIFTER	E/M				
22	B-1A-7018933-0-DBU	CABLE ASSY SOLENOID	E	30	B-AD-7019178-0-DBU	SECTOR LED HOLDER ASSY	E/M
	K-PL-7018933-0-DBP	CABLE ASSY SOLENOID (PL)	E		K-PL-7019178-0-DBP	SECTOR LED HOLDER ASSY (PL)	E/M
					D-MD-7425831-0-DBU	HOLDER, L.E.D.	M
23	B-1A-7018931-0-DBU	CABLE ASSY, TRACK-O-SENSOR	E	31	D-AD-7019175-0-DBU	MOTOR PCB ASSY	E/M
	K-PL-7018931-0-DBP	CABLE ASSY, TRACK-O-SENSOR (PL)	E		K-PL-7019175-0-DBU	MOTOR PCB ASSY (PL)	E/M
24	B-1A-7019118-0-DBU	BEZEL ASSY	M	32	B-DD-5415074-0	SPINDLE MOTOR SPEED CONTROL BOARD	E/M
	K-PL-7019118-0-DBP	BEZEL ASSY (PL)	M				
			M				
25	C-1A-7019783-0-DBU	BEZEL/LABEL ASSY	M				
	K-PL-7019783-0-DBP	BEZEL/LABEL ASSY (PL)	M				
	D-MD-7425242-0-DBU	BEZEL FRONT	M				
26	B-1A-7019041-0-DBU	CABLE ASSY BEZEL LED	E				
	K-PL-7019041-0-DBP	CABLE ASSY BEZEL LED (PL)	E				
27	B-DD-5415066-0	SEEK/INTERFACE BOARD	E/M				
28	D-AD-7019177-0-DBU	R/W PCB ASSY	E/M				
	K-PL-7019177-0-DBP	R/W PCB ASSY (PL)	E/M				
TYPE: E ELECTRICAL M MECHANICAL E/M ELECTRO/MECHANICAL				TITLE: RX50 DUAL FLOPPY DISK DRIVE SHEET 6 OF 6			
				SIZE CODE BDD NUMBER RX50-0 REV. A			

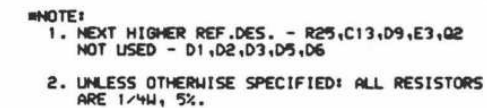
DRB 108A

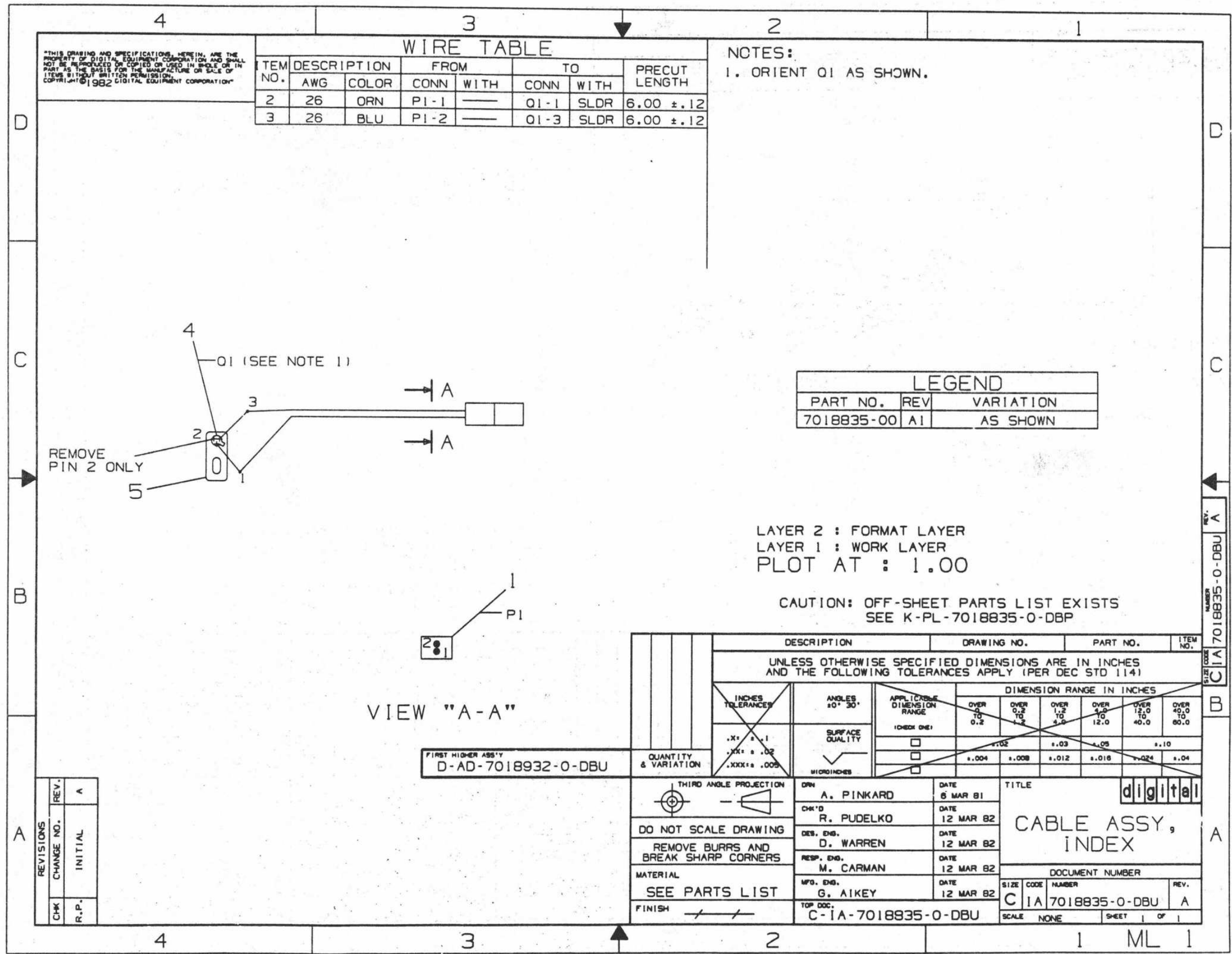
digital











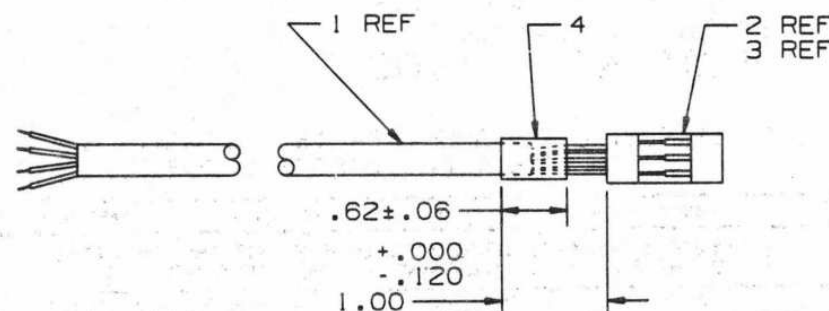
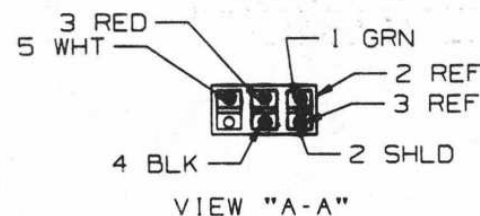
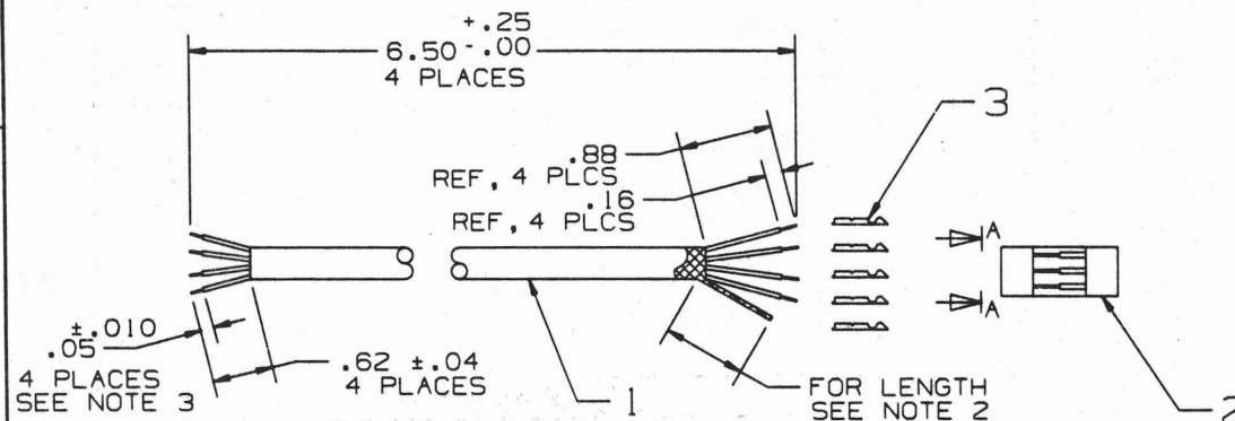
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LEGEND

PART NO.	REV	VARIATION
7018418-00	A2	AS SHOWN

NOTES:

1. CLEAR PLASTIC SHEATH OF ITEM 1 SHALL BE RECESSED A MAXIMUM OF .12 FROM BREAKOUT POINT.
2. SHIELD IS USED AS STRAIN RELIEF. WHEN CRIMP SOCKETS (ITEM 3) ARE INSERTED INTO CONNECTOR (ITEM 2), ALL WIRES EXCEPT SHIELD SHALL BE SLACK.
3. CONDUCTORS TO BE TWISTED AND TINNED FOR A LENGTH OF .03 MIN. .03 WILL BE MEASURED FROM END OF CONDUCTOR.



ASSEMBLED RAW CABLE

FIRST HIGHER ASS'Y
C-1A-7018708-0-DBU

LAYER 2 : FORMAT LAYER
LAYER 1 : WORK LAYER
PLOT AT : 1.00

CAUTION: OFF-SHEET PARTS LIST EXISTS
SEE K-PL-7018418-0-DBP

REV.	CHG. NO.	INITIAL	DATE	BY
A				
B				
C				
D				
E				
F				
G				
H				
I				
J				
K				
L				
M				
N				
O				
P				
Q				
R				
S				
T				
U				
V				
W				
X				
Y				
Z				

DESCRIPTION	DRAWING NO.	PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD 114)			
INCHES TOLERANCES	ANGLES ±0° 30'	APPLICABLE DIMENSION RANGE	DIMENSION RANGE IN INCHES
.X ± .1	SURFACE QUALITY	(CHECK ONE)	OVER 0.2 TO 0.2
.XX ± .02		☐ ±.02	OVER 0.2 TO 1.2
.XXX ± .005		☐ ±.04	OVER 1.2 TO 4.0
		☐ MICROINCHES	OVER 4.0 TO 12.0
			OVER 12.0 TO 40.0
			OVER 40.0 TO 80.0
THIRD ANGLE PROJECTION	DRN A. PINKARD	DATE 26 FEB 81	TITLE
DO NOT SCALE DRAWING	CHK'D R. PUDELKO	DATE 12 MAR 82	CABLE ASSY, R/W
REMOVE BURRS AND BREAK SHARP CORNERS	DES. ENG. D. WARREN	DATE 12 MAR 82	
MATERIAL	RESP. ENG. M. CARMAN	DATE 12 MAR 82	
SEE PARTS LIST	MFG. ENG. J. CHERNOVA	DATE 12 MAR 82	DOCUMENT NUMBER
FINISH NONE	TOP DOC. C-1A-7018418-0-DBU	SCALE NONE	SHEET 1 OF 1

REV. B
NUMBER 7018418-0-DBU
SIZE CODE C
B
A

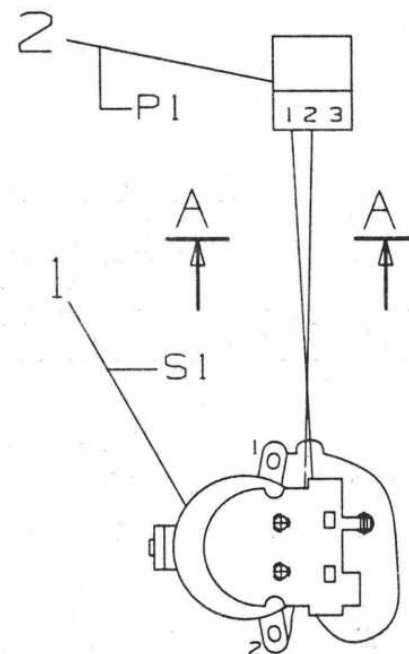
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WIRE TABLE

ITEM NO.	DESCRIPTION		FROM		TO		REMARKS (PRECUT LENGTH)
	AWG	COLOR	CONN	WITH	CONN	WITH	
3	26	BLU	PI-2	—	SI-2	SLDR	4.00 ±.12
4	26	YEL	PI-1	—	SI-1	SLDR	5.00 ±.12

NOTES:

1. ROUTE BLUE WIRE BETWEEN FRAME & COIL HSG.
2. ROUTE YELLOW WIRE AROUND BACK OF FRAME THEN BETWEEN FRAME & COIL HSG.



2 REF



VIEW "A-A"

LEGEND

PART NO.	REV	VARIATION
7018933-00	A1	AS SHOWN

LAYER 2: FORMAT LAYER
LAYER 1: WORK LAYER

PLOT AT: 1.00

CAUTION: OFF-SHEET PARTS LIST EXISTS
SEE K-PL-7018933-0-DBP

REVISIONS	REV.	INITIAL
1	A	

FIRST HIGHER ASS'Y B-AD-7019120-0-DBU

DESCRIPTION	DRAWING NO.	PART NO.	ITEM NO.				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD 114)							
INCHES TOLERANCES X ±.1 XX ±.02 XXX ±.005	ANGLES ±0° 30' SURFACE QUALITY MICROINCHES	APPLICABLE DIMENSION RANGE (CHECK ONE)					
		DIMENSION RANGE IN INCHES					
		OVER 0.2 TO 0.5	OVER 0.5 TO 1.2	OVER 1.2 TO 4.0	OVER 4.0 TO 12.0	OVER 12.0 TO 40.0	OVER 40.0 TO 80.0
		±.02	±.02	±.03	±.05	±.10	±.10
		±.004	±.008	±.012	±.018	±.024	±.04
THIRD ANGLE PROJECTION	DATE 13 NOV 81	TITLE					
DO NOT SCALE DRAWING	DATE 12 MAR 82	CABLE ASSY SOLENOID					
REMOVE BURRS AND BREAK SHARP CORNERS	DATE 12 MAR 82	DOCUMENT NUMBER					
MATERIAL SEE PARTS LIST	DATE 12 MAR 82	B 1A 7018933-0-DBU					
FINISH NONE	DATE 12 MAR 82	SCALE NONE SHEET 1 OF 1					

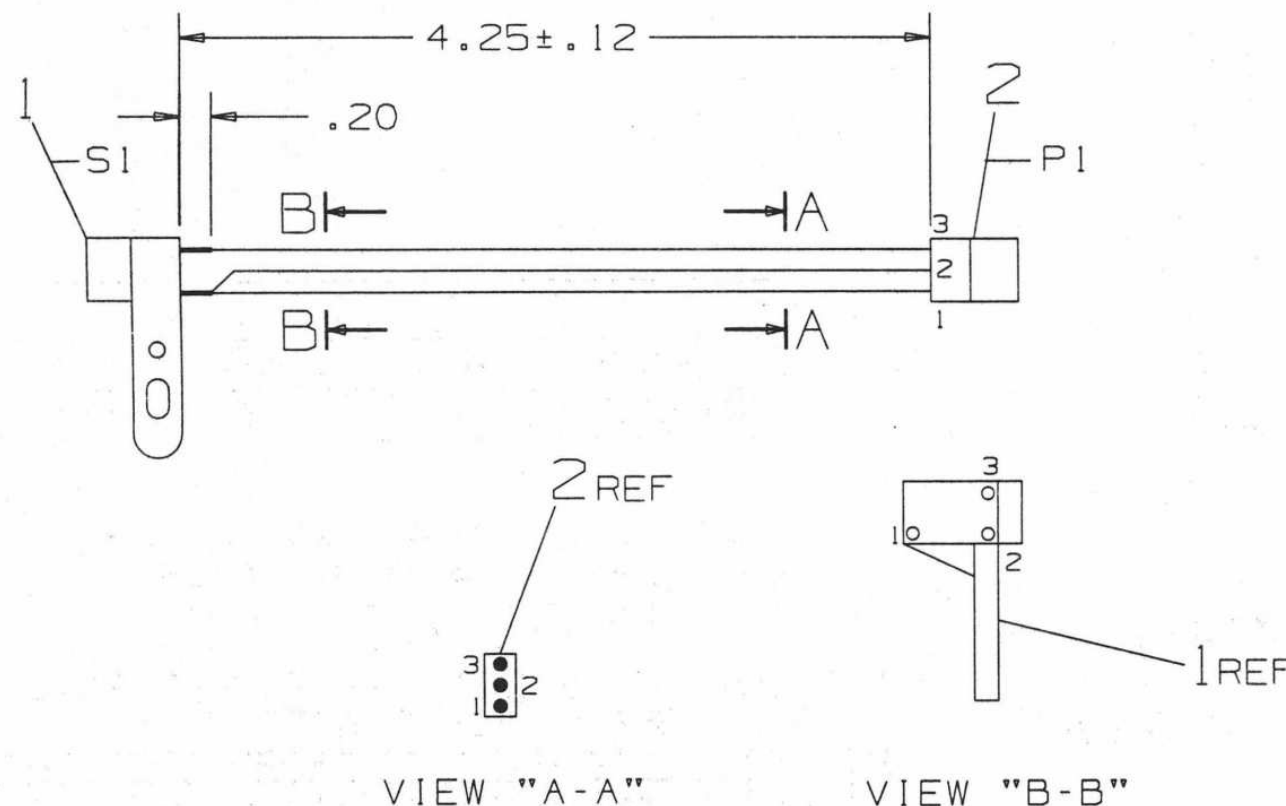
ML 1

WIRE TABLE							
ITEM NO.	DESCRIPTION		FROM		TO		REMARKS (PRECUT LENGTH)
	AWG	COLOR	CONN	WITH	CONN	WITH	
3	26	YEL	P1-3	——	S1-3	SLDR	4.25 ± .12
4	26	RED	P1-2	——	S1-1	SLDR	4.25 ± .12
5	26	BLU	P1-1	——	S1-2	SLDR	4.25 ± .12

LEGEND		
PART NO.	REV	VARIATION
7018931-00	A1	AS SHOWN

PLOT AT : 1.00

CAUTION: OFF-SHEET PARTS LIST EXISTS
SEE K-PL-7018931-0-DBP



	REVISIONS	
CHK	CHANGE NO.	REV.
RP	INITIAL	A

FIRST HIGHER ASS'Y E-UA-RX50-0-DBU

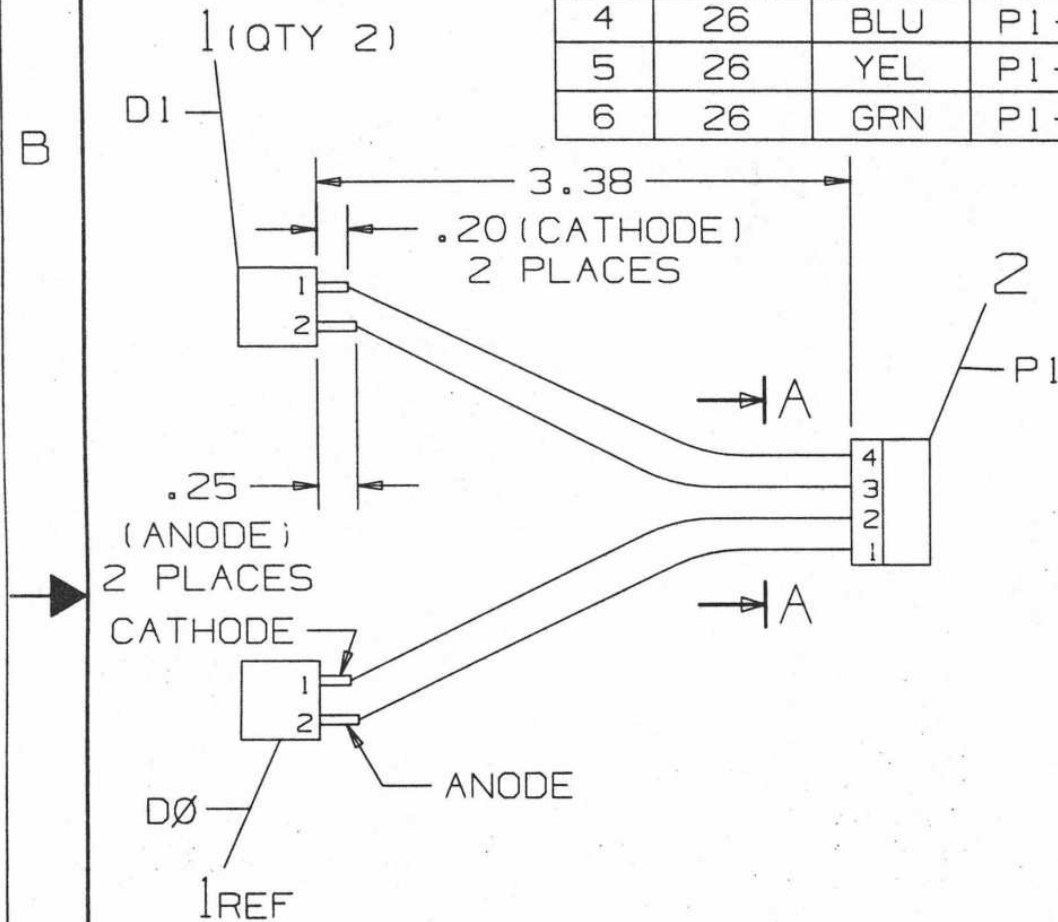
		DESCRIPTION		DRAWING NO.		PART NO.		REV.													
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD 114)																			
		INCHES TOLERANCES .X: ± .1 .XX: ± .02 .XXX: ± .005		ANGLES ±0° 30' SURFACE QUALITY ✓ MICROINCHES		APPLICABLE DIMENSION RANGE (CHECK ONE) ☐ ☐ ☐		DIMENSION RANGE IN INCHES <table><tr><td>OVER 0 TO 0.2</td><td>OVER 0.2 TO 1.0</td><td>OVER 1.0 TO 4.0</td><td>OVER 4.0 TO 12.0</td><td>OVER 12.0 TO 40.0</td><td>OVER 40.0 TO 60.0</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>				OVER 0 TO 0.2	OVER 0.2 TO 1.0	OVER 1.0 TO 4.0	OVER 4.0 TO 12.0	OVER 12.0 TO 40.0	OVER 40.0 TO 60.0				
OVER 0 TO 0.2	OVER 0.2 TO 1.0	OVER 1.0 TO 4.0	OVER 4.0 TO 12.0	OVER 12.0 TO 40.0	OVER 40.0 TO 60.0																
QUANTITY & VARIATION																					

THIRD ANGLE PROJECTION		DRN A. PINKARD CHK'D R. PUDELKO DES. ENG. D. WARREN RESP. ENG. M. CARMAN MFG. ENG. G. AIKEY TOP DOC. B-1A-7018931-0-DBU		DATE 12 NOV 81 DATE 12 MAR 82 DATE 12 MAR 82 DATE 12 MAR 82 DATE 12 MAR 82		TITLE digital CABLE ASSY, TRACK 0 SENSOR DOCUMENT NUMBER SIZE CODE NUMBER B A 7018931-0-DBU SCALE NONE			
DO NOT SCALE DRAWING REMOVE BURRS AND BREAK SHARP CORNERS MATERIAL SEE PARTS LIST FINISH NONE						REV.			

1 ML

WIRE TABLE							
ITEM NO.	DESCRIPTION		FROM		TO		REMARKS (PRECUT LENGTH)
	AWG	COLOR	CONN	WITH	CONN	WITH	
3	26	RED	P1-2	—	DØ-1	SLDR	3.50 ±.12
4	26	BLU	P1-1	—	DØ-2	SLDR	3.50 ±.12
5	26	YEL	P1-4	—	D1-1	SLDR	3.50 ±.12
6	26	GRN	P1-3	—	D1-2	SLDR	3.50 ±.12

1. BEFORE SOLDERING, ADD
ITEM 7 (SHRINK TUBING) 4
PLACES.



VIEW "A-A"

 z_{REF}

4
3
2
1

LEGEND

PART NO.	REV	VARIATION
7019041-00	A1	AS SHOWN

LAYER 2: FORMAT LAYER
LAYER 1: WORK LAYER

PLOT AT: 1.00

CAUTION: OFF-SHEET PARTS LIST EXISTS
SEE K-PL-7019041-0-DBP

	REVISIONS	
CHK	CHANGE NO.	REV.
RP	INITIAL	A

FIRST HIGHER ASS'Y B-1A-7019118-0-DBU

[illegible]

1 ML 1

AUTOMATED BY PRTLST.4Q(46)

PARTS LIST

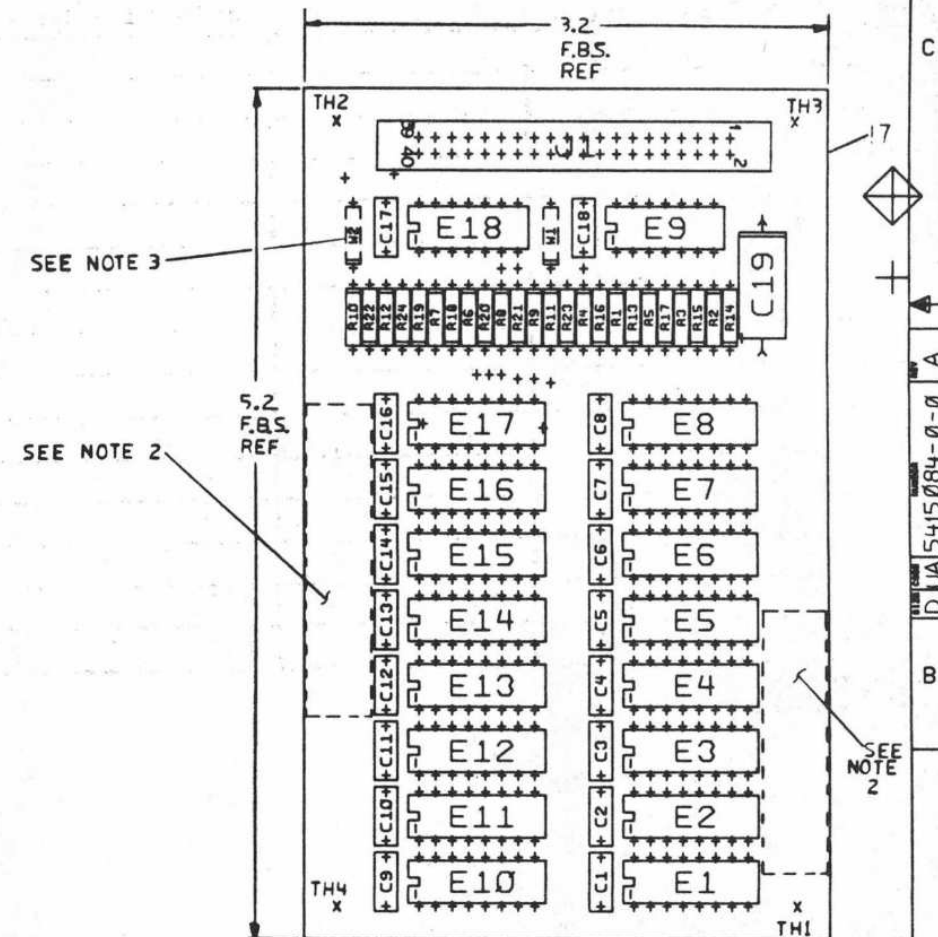
SHEET A1 OF A1

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION A
1	1	D-UA-5415084-0-0	5415084-FA	C.T. RAM 128 KB	1

- 2 NOTE: 5415084-FA IS A PRIMARY VARIATION (NOT A MODULE TYPE).
3 NOTE: 5415084-FC IS A MODULE TYPE USING FUJITSU 64K MOS DEVICES.
4 NOTE: 5415084-FF IS A MODULE TYPE USING HITACHI 64K MOS DEVICES.
5 NOTE: 5415084-FH IS A MODULE TYPE USING NEC 64K MOS DEVICES.

REVISION HISTORY			BASIC PART NO: MSC11		DRN: M. THOMPSON		DATE: 3-JUN-82		D I G I T A L			
ENG:	ECO NUMBER	REV	SECTION A OF A		CHK'D: D. HEALY		DATE: 24-JUN-82		TITLE PARTS LIST			
---	INITIAL	A	SECTION. VARIATION INDEX		DES.ENG.: L. CHISVIN		DATE: 24-JUN-82		CT MEMORY, 128 KB			
			[A] A		RESP.ENG.: R. ELY		DATE: 24-JUN-82		DOCUMENT NUMBER			
			[B]		MFG.ENG.: R. SCHAAF		DATE: 24-JUN-82		SIZE	CODE	NUMBER	REV
			[C]		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		K	PL	MSC11-A-DBP	A
			[D]		#B-DD-MSC11-A		E-UA-PC350-0-0				FILE NAME:	EDIT #
			[E]								Z4787A.PLS	10
			[F]									
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NOTES: 1. THIS BOARD MEETS REQUIREMENTS
FOR UL RATING 94V0.
2. THIS SPACE MUST BE LEFT CLEAR
FOR BAR CODE LABEL SIDE 2.
3. W1 & W2 ARE NOT TO BE INSTALLED.

STEP 6	→ Y AXIS	5.20	STEP 1	TIMES
REPORT	→ X AXIS	3.20	STEP 4	TIMES

CHANGE NO. REV.	
-----------------	--

ETCH REV. D

SIGNATURES		DATE	digital			
DRN. V. Mangun		22 Oct 64				
CHK'D. P. Bismar		22 MAR 65				
MECH. ENG. Subed. P. B.		2 APR 65	TITLE			
PROJ. ENG. Subed. P. B.		2 APR 65	CT RAM			
PROD. P. B.		to AFRL				
SCALE 2/1		SIZE CODE	NUMBER		RE	
SHT. 1 OF 1		D UA	5415084-0-0		A	
NEXT HIGHER ASSY. B-D-5415084-0						

d	i	g	i	t	a	l
---	---	---	---	---	---	---

TITLE	CT RAM
-------	--------

SIZE	CODE	NUMBER	RE
D	UA	5415084-0-0	A

ML2 1 WO# 160312

AUTOMATED BY PRTLST.3P(44)

PARTS LIST

SHEET A1 OF A1

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER	VARIATION	REFERENCE DESIGNATOR
					FC	FF	FH	
1	1	B-DD-5415084-0		DRAWING DIRECTORY	REF	REF	REF	
2	2	D-UA-5415084-0-0		UNIT ASSY	REF	REF	REF	
3	3	D-MD-5015083-0-0		CIRCUIT DRILL & ETCH	REF	REF	REF	
4	4	D-EC-5015083-0-0		ETCH CUT DRAWING	REF	REF	REF	
5	5	D-CS-5415084-0-RAM1		CIRCUIT SCHEMATIC	REF	REF	REF	
6	6	D-CS-5415084-0-RAM2		CIRCUIT SCHEMATIC	REF	REF	REF	
7	7		1014265-00	.22 MFD 50V +80-20% CER	18	18	18	C1-C18
8	8		1017472-00	10 MFD 35V +50-10% AL EL	1	1	1	C19
9	9		1219065-00	CONN,P+S 40POS	1	1	1	J1
10	10		1300202-00	47.0 .25 W 5.0 % CF	11	11	11	R13-R21,R23,R24
11	11		1300365-00	1.0 K .25 W 5.0 % CF	12	12	12	R1-R12
12	12		1301969-00	22.0 .25 W 5.0 % CF	1	1	1	R22
13	13		1910534-00	74S04 INVERTER GATE-HEX 1I	2	2	2	E9,E18
14	14		2118467-01	8264-20 RAM 64K X1,200NS 1	16	-	-	E1-E8,E10-E17
15	15		2118470-01	4864-1 MOS RAM 64K X1,200	-	16	-	E1-E8,E10-E17
16	16		2118472-01	4164-2 MOS RAM 64K X1,200	-	-	16	E1-E8,E10-E17
17	17		5015083-00	DRILL AND ETCH BD.	1	1	1	

18 NOTE: 5415084-FA IS A PRIMARY VARIATION (NOT A MODULE TYPE).
19 NOTE: 5415084-FC IS A MODULE TYPE USING FUJITSU 64K MOS DEVICES.
20 NOTE: 5415084-FF IS A MODULE TYPE USING HITACHI 64K MOS DEVICES.
21 NOTE: 5415084-FH IS A MODULE TYPE USING NEC 64K MOS DEVICES.

REVISION HISTORY			BASIC PART NO: 5415084			D I G I T A L		
ENG	ECO NUMBER	REV	SECTION A OF A	DRN:	D.DINGELDEIN	DATE:	19-OCT-81	
RE	INITIAL	A	SECTION VARIATION INDEX	CHK'D:	P.BOSSMAN	DATE:	19-OCT-81	TITLE
R.E	5415084-SH001	B	[A] FC,FF,FH					PARTS LIST
			[B]	DES.ENG:	R.ELY	DATE:	19-OCT-81	CT RAM, 128 KB
			[C]					
			[D]	RESP.ENG.:	R.ELY	DATE:	19-OCT-81	DOCUMENT NUMBER
			[E]					
			[F]					
			[H]	MFG.ENG.:	B.HELLAWELL	DATE:	19-OCT-81	SIZE CODE NUMBER REV
			[J]					
			[K]	ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:
			[L]	D-UA-5415084-0-0		#B-DD-5415084-0		Z2484B.PLS
			[M]					EDIT #
			[N]					14
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