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FIELD MAINTENANCE PRINT SET

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B-TC-PC380-0-DBU1	PC380 UNIT ASSY (TC)
D-UA-PC380-0-0	PC380 UNIT ASSY
K-PL-PC380-0-DBP	PC380 UNIT ASSY (PL)
B-DD-PC380-0	PC380 UNIT ASSY (DD ONLY)
B-DD-5415058-0	RX50 CONTROLLER (DD ONLY)
D-UA-5415058-0-0	RX50 CONTROLLER
K-PL-5415058-0-DBP	RX50 CONTROLLER (PL)
D-CS-5415058-0-1	RX50 CONTROLLER
A-PS-1700280-0-0	CABLE ASSY 16 CONN.
A-PS-1700342-0-0	CABLE ASSY D.C. PWR.
A-PS-1700285-0-0	CABLE ASSY 34 CONN.
A-PS-1700283-0-0	CABLE ASSY, VIDEO
MP-01957-01	PRINT SET KDJ11-C
MP-01483-00	PRINT SET RCX50
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MP-01482-00	PRINT SET RX50-AA

UNIT VARIATIONS COVERED BY THIS PRINT SET

PC380-AA  
 PC380-AB  
 PC380-BA  
 PC380-BB

PC380  
 FIELD MAINTENANCE  
 PRINT SET

DIGITAL EQUIPMENT  
 CORPORATION

PRINT SET PART  
 NUMBER MP-01922-01

REVISION HISTORY	DATE	ECQ NUMBER	REV.	INITIAL	DRN.	DATE	TITLE	SIZE	CODE	NUMBER	REV.
			A		A. Siroc	3 MAY 84	<span style="border: 1px solid black; padding: 2px;">digital</span>				
					D. HEALY	6 JUN 84	PC380 UNIT ASSY				
					S. BOULY	6 JUN 84					
					H. RETTSTADT	6 JUN 84					
				RON CAPRIO	6 JUN 84			B TC	PC380-0-DBU1	A	
					TOP DOC.						SHEET 1 OF 1

REV. A

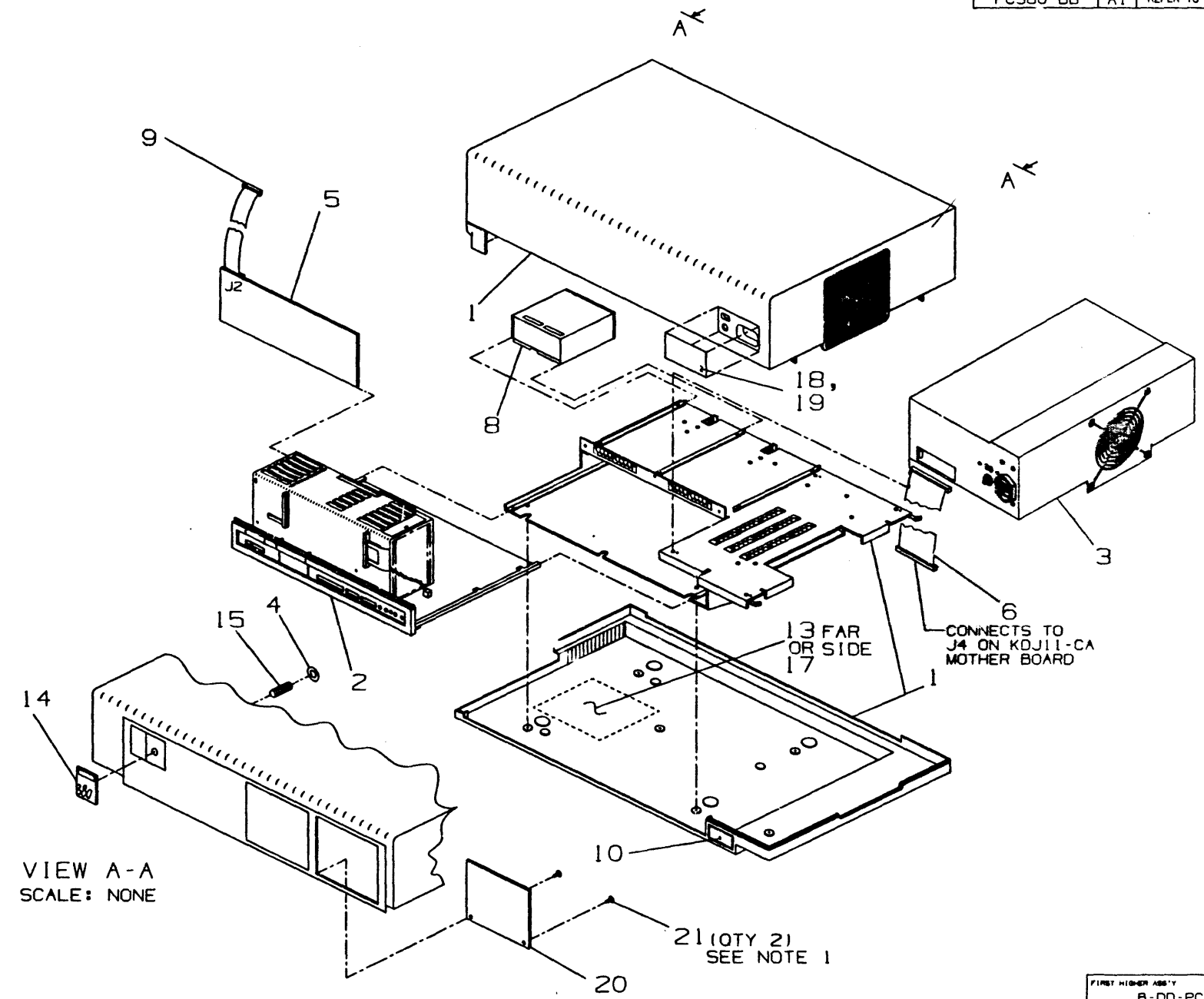
NUMBER PC380-0-DBU1

SIZE CODE B TC

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LEGEND		
PART NO.	REV	VARIATION
PC380-AA	A1	REFER TO K-PL-PC380-0-DBP
PC380-AB	A1	REFER TO K-PL-PC380-0-DBP
PC380-BA	A1	REFER TO K-PL-PC380-0-DBP
PC380-BB	A1	REFER TO K-PL-PC380-0-DBP

- NOTES:
- TIGHTEN ITEM 21 TO 1 IN. LBS. MIN.
  - ITEMS #11 AND #16 ARE NOT SHOWN ON THIS ASSEMBLY.



VIEW A-A  
SCALE: NONE

PLOT AT .25

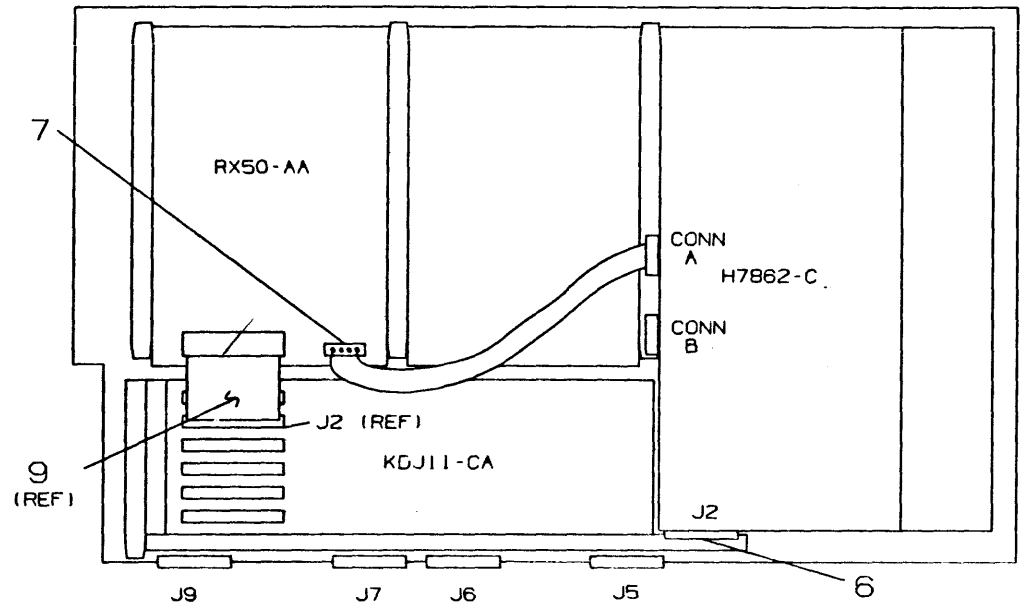
CAUTION: OFF SHEET PARTS EXITS  
REFER TO K-PL-PC380-0-DBP (Z9983)

REV.	INITIAL

DESCRIPTION	DRAWING NO.	PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD 1114)			
INCHES TOLERANCES .X1 ± .1 .XX ± .02 .XXX ± .005	ANGLES 40°-90° SURFACE QUALITY ✓ MICROFINISH	APPLICABLE DIMENSION RANGE (CHECK ONE)	
		<input type="checkbox"/> OVER 0 TO 0.2	<input type="checkbox"/> OVER 0.2 TO 1.2
		DIMENSION RANGE IN INCHES	
		<input type="checkbox"/> OVER 1.2 TO 4.0	<input type="checkbox"/> OVER 4.0 TO 12.0
		<input type="checkbox"/> OVER 12.0 TO 40.0	<input type="checkbox"/> OVER 40.0 TO 80.0
		<input type="checkbox"/> OVER 80.0 TO 100.0	<input type="checkbox"/> OVER 100.0 TO 160.0
		<input type="checkbox"/> OVER 160.0 TO 250.0	<input type="checkbox"/> OVER 250.0 TO 400.0
		<input type="checkbox"/> OVER 400.0 TO 650.0	<input type="checkbox"/> OVER 650.0 TO 1000.0
THIRD ANGLE PROJECTION	DATE	TITLE	
DO NOT SCALE DRAWING	B. SIART	PC380 UNIT ASSEMBLY	
REMOVE BURRS AND BREAK SHARP CORNERS	D. HEALY	digital	
MATERIAL SEE PARTS LIST	S. BOULAY	DOCUMENT NUMBER	
FINISH NONE	H. RETTSTADT	D UA PC380-0-DBU A	
	J. CRABTREE	SCALE NONE SHEET 1 OF 2	

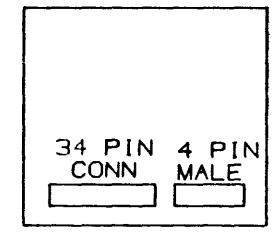
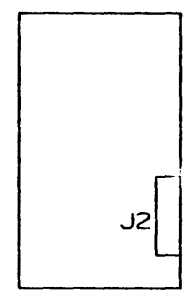
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CABLE AND BOARD HOOKUP			
ITEM #	FROM	TO	REMARKS
8	J4(5416237-01)	J2(H7862-C)	KDJ11 MOTHER BOARD TO H7862-C POWER SUPPLY
5	5415058 (RX50-AA BOARD)	J1(5416237-01) (SLOT 2)	RX CONTROLLER TO SLOT 2 KDJ11-CA
9	34 PIN CONN IN RX50-AA	J2(5415058)	RX50 CONTROLLER BOARD TO RX50-AA
7	4 PIN CONN ON RX50-AA	CONN A ON H7862-C	RX50-AA TO POWER SUPPLY
-	BATTERY (KDJ11-CA)	J3(5416237-01)	BATTERY TO MOTHER BOARD (KDJ11-CA)

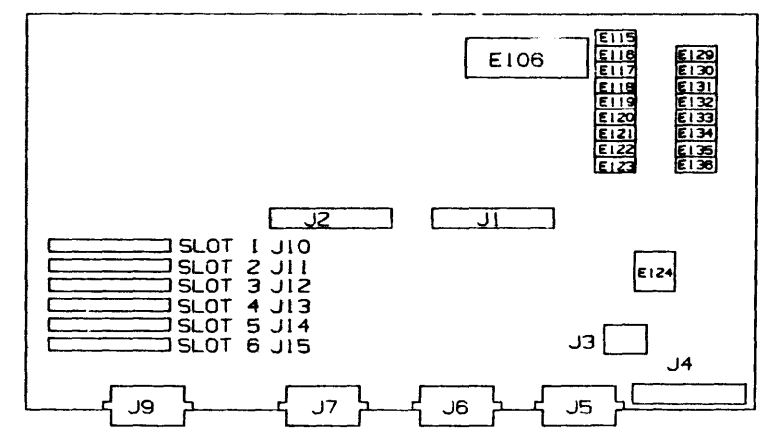


TOP VIEW WITH ITEM #1 (TOP ENCLOSURE) REMOVED & UNITS ASSEMBLED IN PLACE

5415058  
RX50-CONTROLLER BD  
SIDE 1



IN RX50-AA UNIT



KDJ11-CA BOARD  
5416237-01

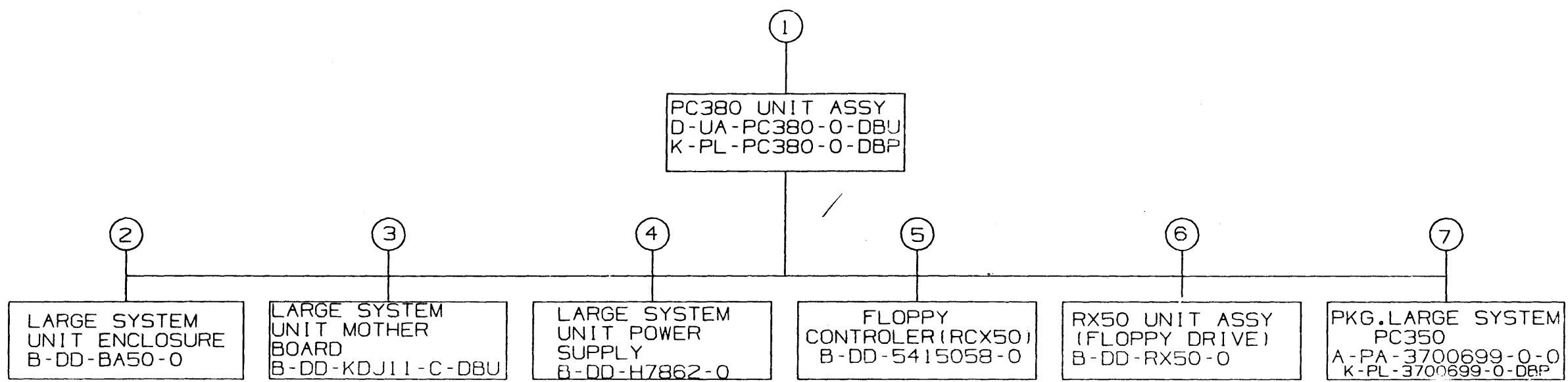
REVISIONS		
CHK	CHANGE NO	REV

LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	VARIATION REVISION LEVEL:	QTY PER VARIATION			
						AA A1	AB A1	BA A1	BB A1
1	1	E-UA-BA50-0-0		BA50 -A		1	1	1	1
2	2	D-UA-KDJ11-C-0		KDJ11-CA		1	1	1	1
3	3	E-UA-H7862-0-0		H7862-C		1	1	1	1
4	4			9009865-01	B	1	1	1	1
5	5	D-UA-5415058-0-0		5415058-00		1	1	-	-
6	6	A-PS-1700280-0-0		1700280-00	C	1	1	1	1
7	7	A-PS-1700342-0-0		1700342-02	B	1	1	-	-
8	8	E-UA-RX50-0-DBU		RX50 -AA		1	1	-	-
9	9	A-PS-1700285-0-0		1700285-00	B	1	1	-	-
10	10	A-PS-3620215-0-0		3620215-01		1	1	1	1
11	11	A-PS-1700283-0-0		1700283-00	C	1	1	1	1
12	12	A-PA-3700699-0-0		3700699-05		1	1	1	1
13	13	A-PS-3620218-0-0		3620218-13	A	1	-	1	-
14	14	D-IA-7427256-0-DBU		7427256-08		1	1	1	1
15	15	A-PS-1220113-0-0		1220113-01		1	1	1	1
16	16	A-PS-1700300-0-0		1700300-00	A	-	1	-	1
17	17	A-PS-3620218-0-0		3620218-14	A	1	-	1	-
18	18	A-PS-3617905-0-0		3617905-16	A	-	1	-	1
19	19	A-PS-3617905-0-0		3617905-17	A	-	-	1	1
20	20	D-MD-7426788-0-DBU		7426788-01		-	-	2	2
21	21			9006009-02	-	-	-	2	2

REVISION HISTORY		BASIC PART NO: PC380		DRN: B. SIART	DATE: 15-JUN-84	D I G I T A L			
ENG:	ECO NUMBER	REV	SECTION A OF A	CHK'D: D. HEALY	DATE: 16-JUL-84	TITLE PARTS LIST PC380 UNIT ASSY			
---	INITIAL	A	SECTION VARIATION INDEX (A)AA,AB,BA,BB	DES.ENG: S. BOULAY	DATE: 16-JUL-84	DOCUMENT NUMBER			
			(B)	RESP.ENG.: H. RETTSTADT	DATE: 16-JUL-84	SIZE	CODE	NUMBER	REV
			(C)	MFG.ENG.: J. CRABTREE	DATE: 16-JUL-84	K	PL	PC380-0-DBP	A
			(D)	ASSEMBLY NUMBER: D-UA-PC380-0-DBU	TOP DOCUMENT NUMBER: B-DD-PC380-0-DBU	RELEASE DATE: 16-JUL-84			FILE NAME: Z9983A.PLS
			(E)						EDIT # 9
			(F)						

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TITLE:	PC380 UNIT ASSY	SHEET 2 OF 3	SIZE CODE <b>BDD</b>	NUMBER PC320-0-DBU	REV. A
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FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE
1	MP-01922-01	PC380 UNIT ASSY (PRINT SET PART NO.)	-				
	B-TC-PC380-0-DBU1	PC380 UNIT ASSY (FIELD MAINT. PRINT SET)	-	6	B-DD-RX50-0	RX50 UNIT ASSY. (FLOPPY DRIVE)	E/M
	D-UA-PC380-0-0	PC380 UNIT ASSY	E/M				
	K-PL-PC380-0-DBP	PC380 UNIT ASSY (PL.)	E/M				
	A-PS-1700280-0-0	CABLE ASSY. 16 COND	E/M				
	A-PS-1700285-0-0	CABLE ASSY. 34 COND	E/M				
	A-PS-1700342-0-0	CABLE ASSY. 4 COND	E/M				
	A-PS-1700283-0-0	CABLE ASSY. VIDEO	E/M				
	A-PS-3620215-0-0	LABEL, PWR RATING SYS BOX	M				
	A-PS-1700300-0-0	CABLE, PRINTER	E/M	7	A-PA-3700699-0-0	PKG. LARGE SYSTEM PC350	M
					K-PL-3700699-0-0	PKG. LARGE SYSTEM PC350 (PL)	M
2	B-DD-BA50-0	LARGE SYSTEM UNIT ENCLOSURE	M				
3	B-DD-KDJ11-C-DBU	LARGE SYSTEM UNIT MOTHER BOARD	E/M				
4	B-DD-H7862-0	LARGE SYSTEM UNIT POWER SUPPLY	E/M				
5	B-DD-5415058-0	FLOPPY CONTROLER (RCX50)	E/M				

TYPE: E ELECTRICAL  
M MECHANICAL  
E/M ELECTRO/MECHANICAL



TITLE: PC380 UNIT ASSY

SHEET 3 OF 3

SIZE CODE  
**B DD**

NUMBER  
PC380-0-DBU

REV.  
A

DRAWING NO.	NO. OF SHTS.	PART NO.	DESCRIPTION	REVISIONS																			
				A	B	C	D	E															
		5415058-00	RX50 CONTROLLER	A	B	C	D	E															
D-UA-5415058-0-0	1		RX50 CONTROLLER	A	B	C	D	E															
<del>D-MD-5015057-0-0</del>	<del>3</del>		<del>CIRCUIT DRILL &amp; ETCH</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>															
<del>D-EC-5015057-0-0</del>	<del>1</del>		<del>ETCH CUT DRAWING</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>	<del>A</del>															
		5015057	ETCHED CIRCUIT BOARD	D	D	D	D	D															
K-CS-5415058-0-1	4		RX50 CONTROLLER	A	B	C	D	E															
K-PL-5415058-0-DBP	3		RX50 CONTROLLER	A	B	C	D	E															
K-PC-5415058-0-DBC	-		P.C. DESIGN DATA BASE	A	A	A	D	E															
K-CS-5415058-0-DBS	-		CIRCUIT SCHEMATIC DATA BASE	A	B	C	D	E															
A-PI-377/689-05			PACKAGING INSTRUCTIONS																				
-DD-5015057-0	1		DRAWING DIRECTORY	-	-	-	-	A															

**NOTES:**

REVISIONS		DATE	CHG NO.	ORIG.	REV.
		5/82		A	
		1/83	SH001	B	
		1/84	SH002	C	
		4/84	SH003	D	
		5/84	SH004	E	

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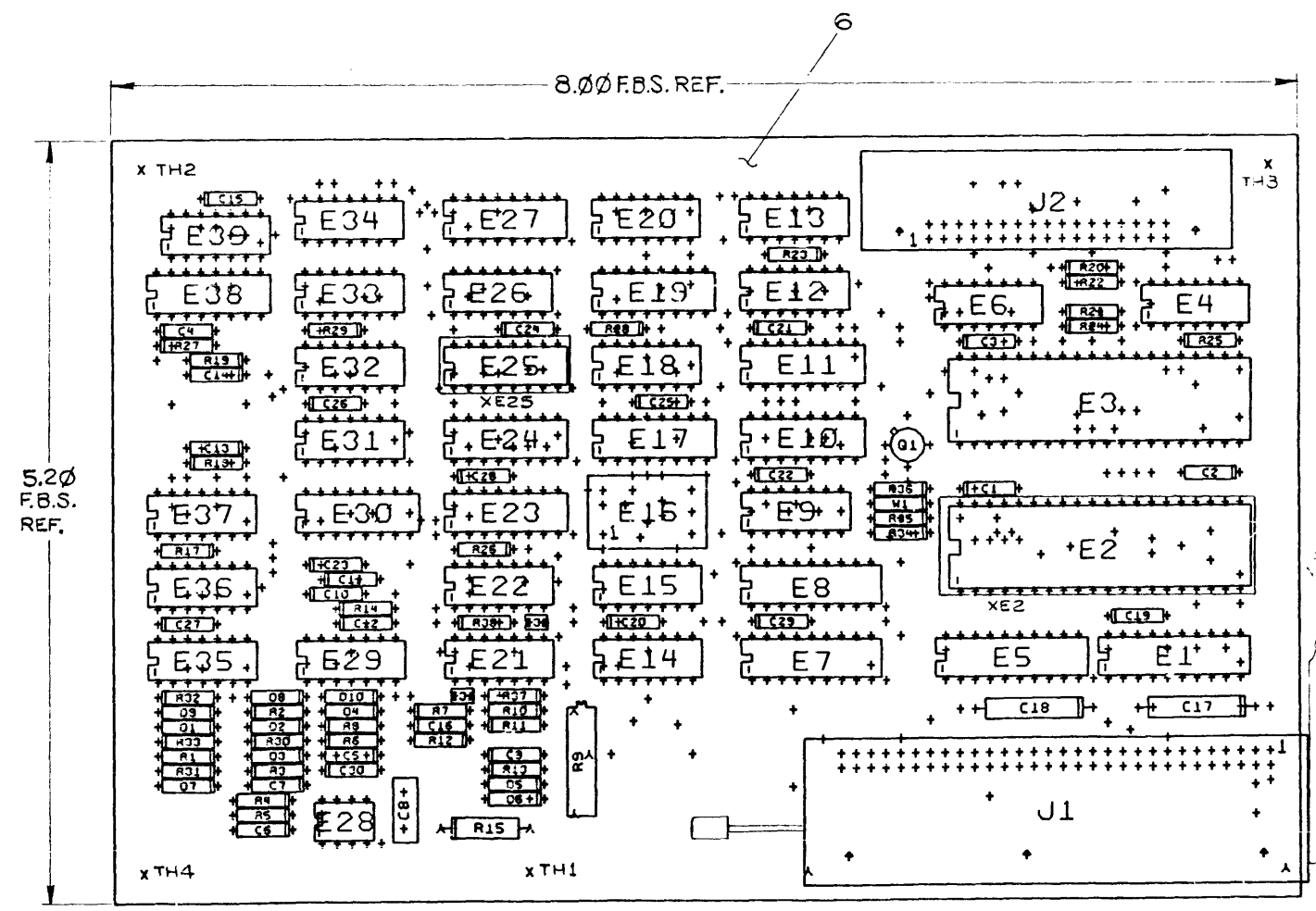
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USED ON OPTION/MODEL	DRN. V. Mangaudis	28MAY82	TITLE	
RX50 CT	CHK'D <i>P. Brennan</i>	1 JUN 82	RX50 CONTROLLER	
	ENG. <i>Max Hildebrand</i>	6/23/82	SIZE	CODE
	PROD. <i>DICK POWERS</i>	5/26/82	B	DD
			NUMBER	5415058-0
			REV.	E
			SHEET 1 OF 1	

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COMPONENT SIDE VIEW



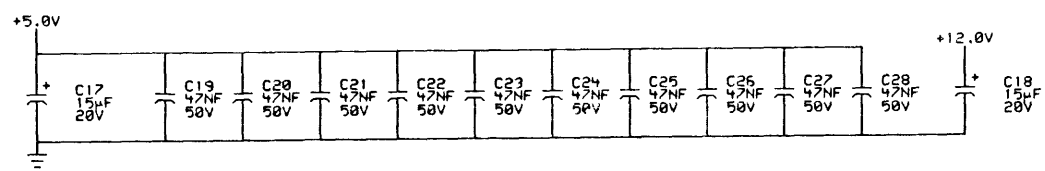
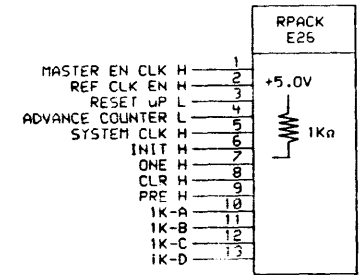
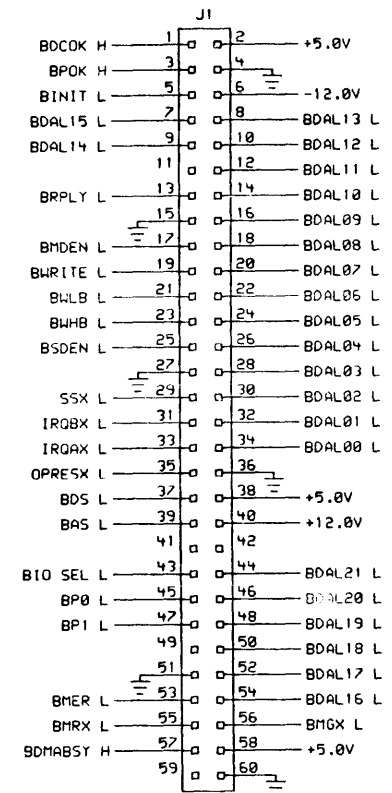
1. THE MODULE NUMBER, CC200+, WILL BE NOT STAMPED ON THE HANDLE AT THE MODULE BUILD SITE.  
 2. W1 IS INSTALLED FOR MANUFACTURING TEST AND IS TO BE REMOVED BEFORE SHIPMENT.

5415058-B	5415058-C	5415058-D	5415058-E
M. HILDEBRANT	M. HILDEBRANT	M. HILDEBRANT	M. HILDEBRANT
5415058-B	5415058-C	5415058-D	5415058-E
M. HILDEBRANT	M. HILDEBRANT	M. HILDEBRANT	M. HILDEBRANT
5415058-B	5415058-C	5415058-D	5415058-E
M. HILDEBRANT	M. HILDEBRANT	M. HILDEBRANT	M. HILDEBRANT

ETCH REV. D
-------------

SIGNATURES		DATE	digital
DRN. J. CARTER		4-15-82	
CHK'D. <i>[Signature]</i>		5-24-82	TITLE RX50 CONTROLLER
MECH. ENG. <i>[Signature]</i>			
PROJ. ENG. <i>[Signature]</i>			SIZE CODE NUMBER REV 0 UA 5415058-0-0 E
PROD. ENGR. POWER. <i>[Signature]</i>			
SCALE 2/1			
SHT. 1 OF 1			
NEXT HIGHER ASSY. B-00-5415058-0			

CT BUS



REV. E  
NUMBER 5415058-0-1  
SIZE CODE CS K

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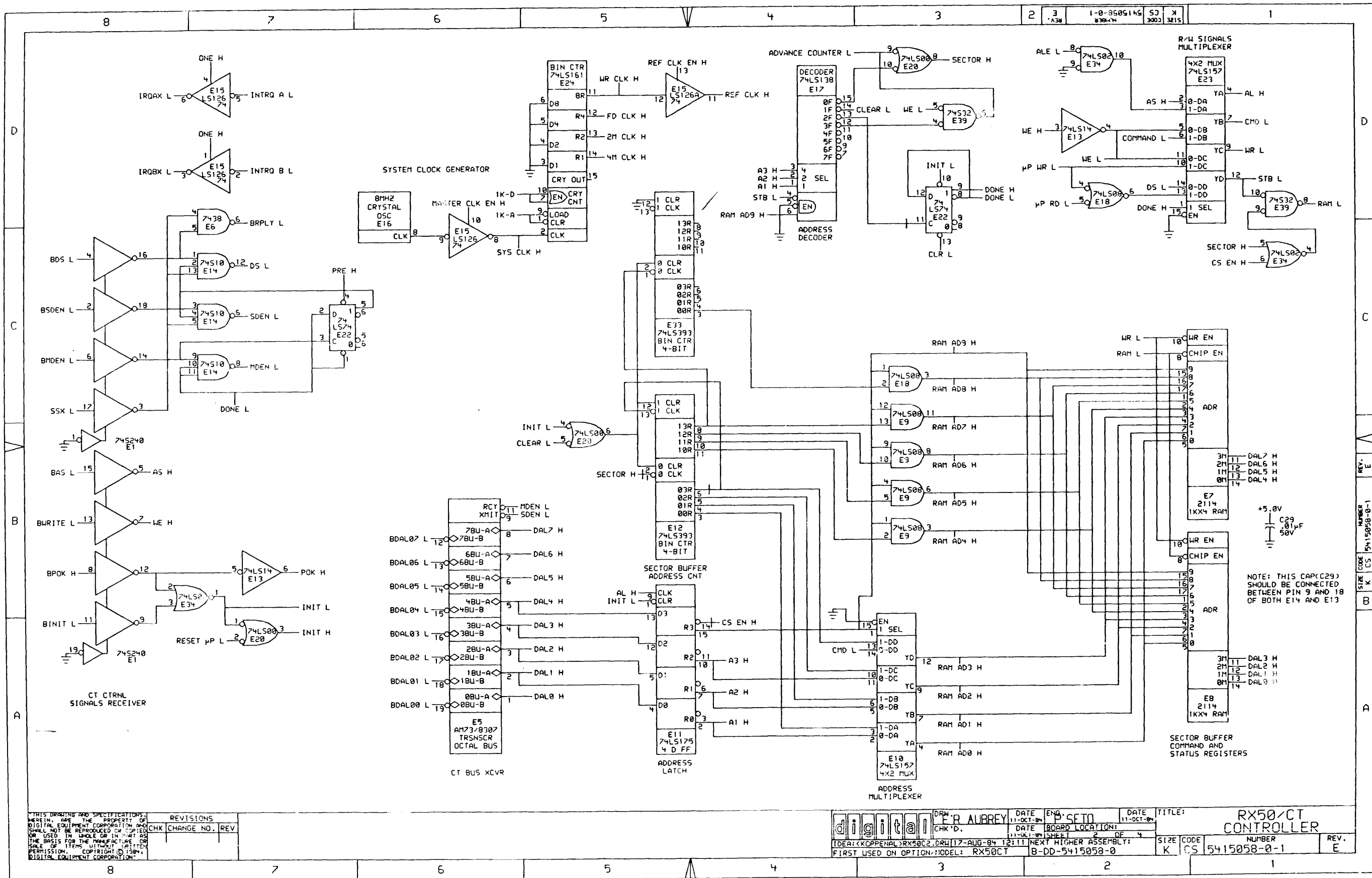
REVISIONS	
CHK	CHANGE NO. REV

digital DRN: ER AUBREY DATE: 11-OCT-84 ENG: SETO DATE: 11-OCT-84 TITLE: RX50/CT CONTROLLER

CHK'D: DATE: 11-OCT-84 BOARD LOCATION: SHEET: 4 OF 4

IDEA: (KOPPENAL)RX50CT.DRW|17-AUG-84 12:09 NEXT HIGHER ASSEMBLY: B-DD-5415058-0

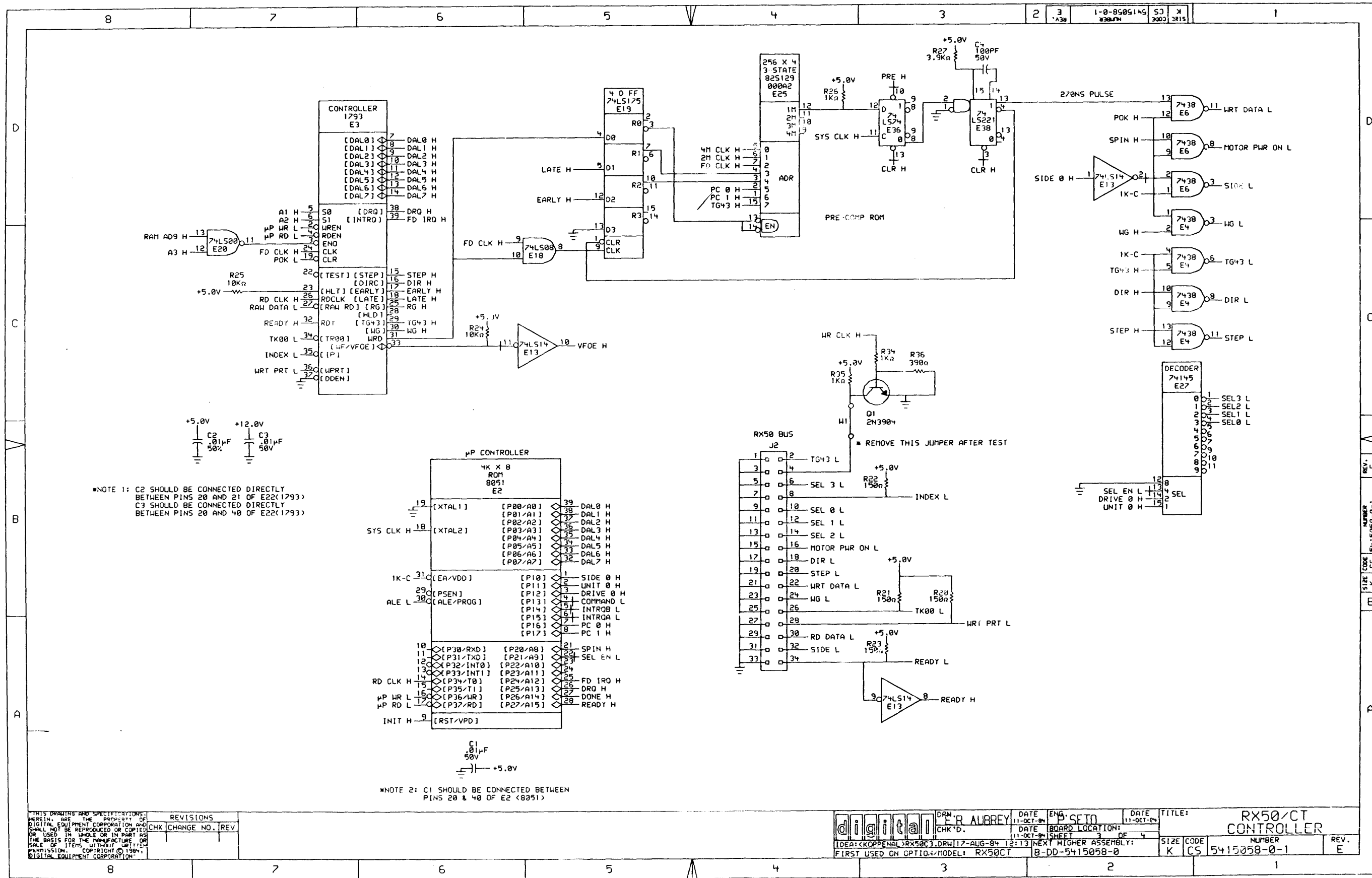
SIZE	CODE	NUMBER	REV.
K	CS	5415058-0-1	E



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REVISIONS	
CHK	CHANGE NO. REV

	DRW: F R AUBREY	DATE: 11-OCT-84	ENG: P SFTO	DATE: 11-OCT-84	TITLE: RX50/CT CONTROLLER
	CHK'D:	DATE: 11-OCT-84	BOARD LOCATION: 2 OF 4	SIZE: K CS	CODE: 5415058-0-1
IDEA: KOPPENAL/RX50C2.DRW/17-AUG-84 12:11 NEXT HIGHER ASSEMBLY: B-DD-5415058-0		FIRST USED ON OPTION/MODEL: RX50CT		NUMBER: 5415058-0-1	REV.: E



NOTE 1: C2 SHOULD BE CONNECTED DIRECTLY BETWEEN PINS 20 AND 21 OF E22(1793)  
 C3 SHOULD BE CONNECTED DIRECTLY BETWEEN PINS 20 AND 40 OF E22(1793)

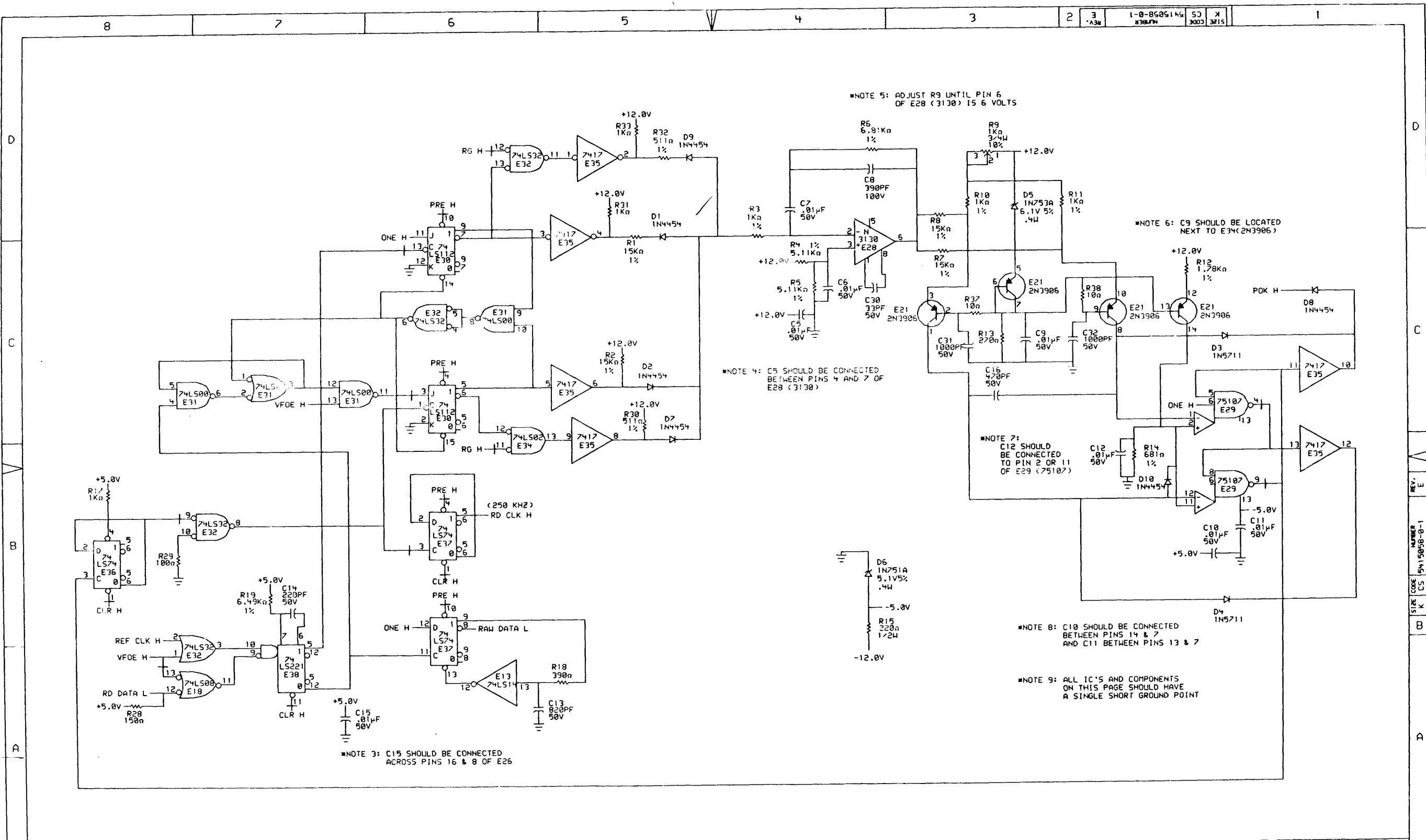
NOTE 2: C1 SHOULD BE CONNECTED BETWEEN PINS 20 & 40 OF E2 (8051)

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REVISIONS		
CHK	CHANGE NO.	REV

DRW: R. AUBREY	DATE: 11-OCT-84	ENG: SFTO	DATE: 11-OCT-84	TITLE: RX50/CT CONTROLLER
CHK'D:	DATE: 11-OCT-84	BOARD LOCATION: 3	OF: 4	SIZE: K CS
IDEA: <KOPPENAL>RX50C3.DRW	17-AUG-84	12:13	NEXT HIGHER ASSEMBLY: B-DD-5415058-0	NUMBER: 5415058-0-1
FIRST USED ON OPTIQU:MODEL: RX50CT	B-DD-5415058-0			REV: E

REV. E  
 NUMBER 5415058-0-1  
 SIZE CODE K CS  
 BOARD A



NOTE 5: ADJUST R9 UNTIL PIN 6 OF E28 (3130) IS 6 VOLTS

NOTE 6: C9 SHOULD BE LOCATED NEXT TO E34(2N3906)

NOTE 4: C5 SHOULD BE CONNECTED BETWEEN PINS 4 AND 7 OF E28 (3130)

NOTE 7: C12 SHOULD BE CONNECTED TO PIN 2 OR 11 OF E29 (75107)

NOTE 8: C10 SHOULD BE CONNECTED BETWEEN PINS 14 & 7 AND C11 BETWEEN PINS 13 & 7

NOTE 9: ALL IC'S AND COMPONENTS ON THIS PAGE SHOULD HAVE A SINGLE SHORT GROUND POINT

NOTE 3: C15 SHOULD BE CONNECTED ACROSS PINS 16 & 8 OF E26

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IDEAL: <KORPENAL>RX50CH.DRW FIRST USED ON OPTION/MODEL: RX50CT	DATE: 17-AUG-84 12:15 NEXT HIGHER ASSEMBLY: B-DD-5415058-0	SIZE: K CODE: CS	BOARD LOCATION: 4	DATE: 11-OCT-84	DATE: 11-OCT-84

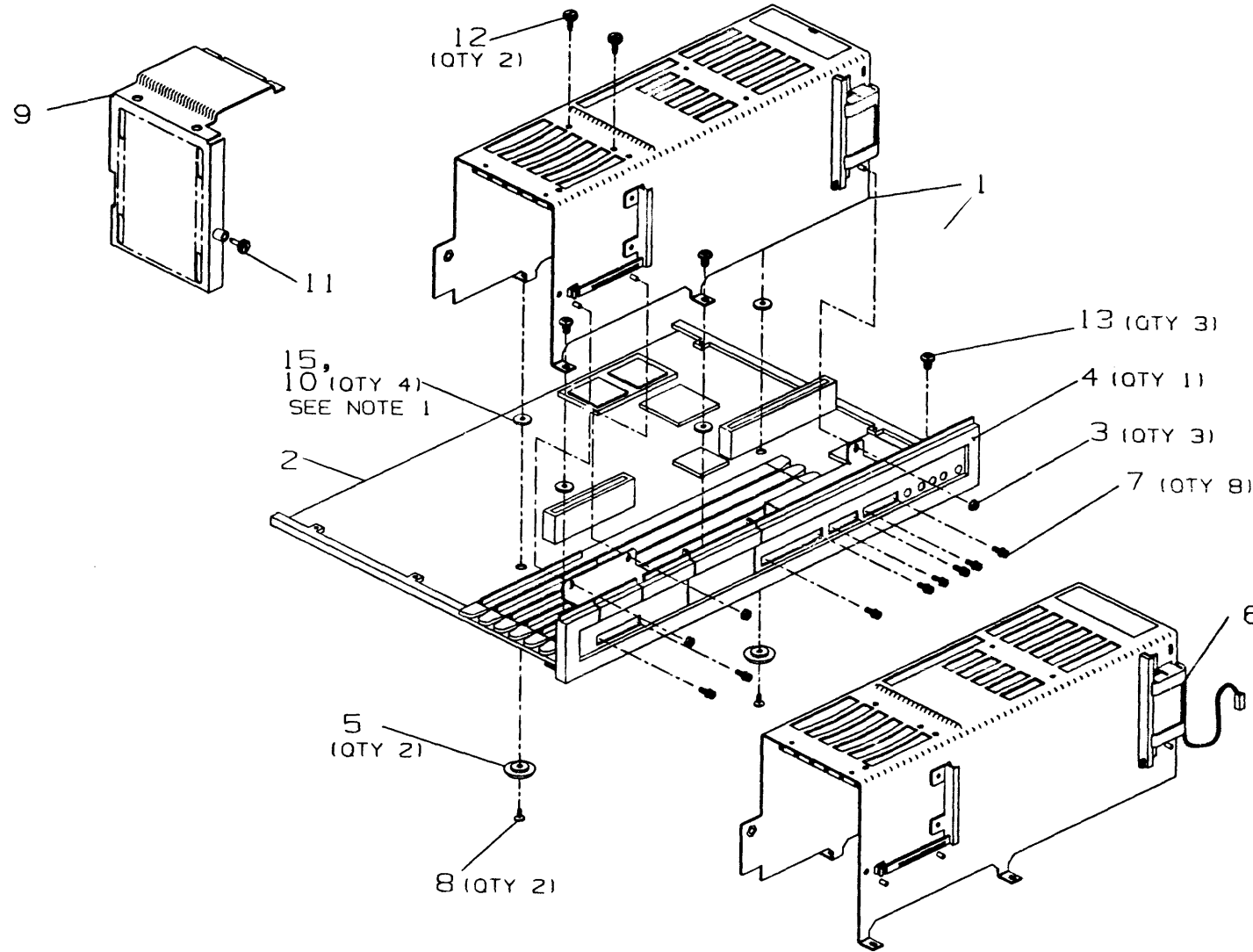


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LEGEND		
PART NO.	REV.	VARIATION
KDJ11-CA	A1	LARGE SYSTEM UNIT MOTHER BOARD

NOTES:

1. APPLY ITEM #10 (WASHER) TO ITEM #2 (BOARD) WITH ITEM #15 (ADHESIVE) BEFORE ASSEMBLY 4 PLACES



PLOT AT .50

CAUTION: OFF SHEET PARTS LIST EXISTS REFER TO K-PL-KDJ11-C-DBP (Z9243)

REVISIONS	REV.	A
CHK	CHANGE NO.	
	INITIAL	

FIRST HIGHER ASSY  
B-DD-KDJ11-C-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	ANGLES 10°-30°	APPLICABLE DIMENSION RANGE	
		APPLICABLE DIMENSION RANGE	APPLICABLE DIMENSION RANGE
.X1 ± .1	SURFACE QUALITY ✓ BRIGHTNESS	OVER 0.2 TO 1.0	OVER 12.0 TO 40.0
.XX1 ± .02		OVER 1.0 TO 12.0	OVER 40.0 TO 80.0
.XXX ± .005		OVER 0.2 TO 0.2	OVER 0.2 TO 0.2
THIRD ANGLE PROJECTION		DATE	TITLE
DO NOT SCALE DRAWING		MAY 17 84	LARGE SYSTEM UNIT MOTHER BOARD
REMOVE BURRS AND BREAK SHARP CORNERS		JUN 22 84	
MATERIAL SEE PARTS LIST		JUN 22 84	
FINISH		JUN 22 84	
D-11A-KDJ11-C-DBU		SCALE NONE	SHEET 1 OF 1

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	VARIATION REVISION LEVEL:	QTY	PER VARIATION
1	1	D-IA-7020611-0-0	7020611-02		CARD CAGE ASSY.		1	CA
2	2	D-UA-5416237-0-0	5416237-01		SYSTEM BOARD PC352		1	A1
3	3		9008185-00		NUT,HEX EXT TOOTH LCKWSHR	6-32	3	
4	4	D-IA-7020610-0-0	7020610-01		CONNECTOR PANEL ASSY		1	
5	5	C-MD-7426852-0-DBU	7426852-01		SPACER,PC BOARD SUPPORT		2	
6	6	A-PS-1219245-0-0	1219245-00		BATTERY,3CELL 3.75V .18MA NICAD		1	
7	7		9008451-06		SCREW,JACK HEX WASHER		8	
8	8		9010089-03		SCREW,TAP PAN PHIL THD RL	6-	2	
9	9	D-IA-7428266-0-0	7428266-02		DOOR,CARD CAGE		1	
10	10		9006707-00		WASHER,FLAT	NYLON	4	
11	11	A-PS-1220934-0-0	1220934-01		SCREW,THUMB	STEEL 4-40	1	
12	12	A-PS-1220933-0-0	1220933-01		SCREW,THUMB	STEEL 4-40	2	
13	13		9009708-00		SCREW,TAP PAN PHIL THD RL	6-	3	
14	14	A-PA-3700697-0-0	3700697-01		PKG MOTHER BD. KDF11-CA		A/R	
15	15		9009157-01		ADH,LIQ.RM.TEMP CURING COLORLESS		A/R	

16 NOTE: 1:ITEM 14 TO BE USED FOR FIELD SERVICE SPARES ONLY.

REVISION HISTORY			BASIC PART NO: KDJ11		DRN: B. SIART		DATE: 13-MAR-84		D I G I T A L			
ENG	ECO NUMBER	REV	SECTION A OF A		CHK'D: D. HEALY		DATE:		TITLE PARTS LIST			
---	INITIAL	A	SECTION VARIATION INDEX		DES.ENG: S. BOULAY		DATE:		LARGE SYSTEM UNIT MOTHER BOARD			
			(A)CA		RESP.ENG.: H. RETTSTAT		DATE:		DOCUMENT NUMBER			
			(B)		MFG.ENG.: JOHN CRABTREE		DATE:		SIZE CODE NUMBER REV			
			(C)		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		K PL KDJ11-C-DEP A			
			(D)		D-UA-KDJ11-C-DBU		B-DD-KDJ11-C-DBU		RELEASE DATE: 29-JUN-84			
			(E)						FILE NAME: Z9243A.PLS			
			(F)						EDIT # 8			

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DRAWING NO.	NO. OF SHTS	PART NO.	DESCRIPTION	REVISIONS															
				A1	B1														
		5416237-01	PC 380 SYSTEM BOARD	A1	B1														
E-UA-5416237-0-0	1		PC 380 SYSTEM BOARD UNIT ASSEMBLY	A	A														
K-CS-5416237-0-1	17		PC 380 SYSTEM BOARD CIRCUIT SCHEMATIC	A	A														
K-PL-5416237-0-DBP	4		PC 380 SYSTEM BOARD PARTS LIST	A	B														
K-PC-5416237-0-DBJ	1		PC DESIGN DATA BASE	E	E														
		5016236-01	ETCHED CIRCUIT BOARD	E1	E1														
B-DD-5016236-0-0	1		DRAWING DIRECTORY	A	A														
K-CS-5416237-0-DBS	1		PC 380 SYSTEM BOARD SUDS DATA BASE	A	A														

**NOTES:**

REVISION HISTORY		REV.															
DATE	ECO NO.		A	B													
5/85	INIT																
19SEP-84	5416237-ML001																

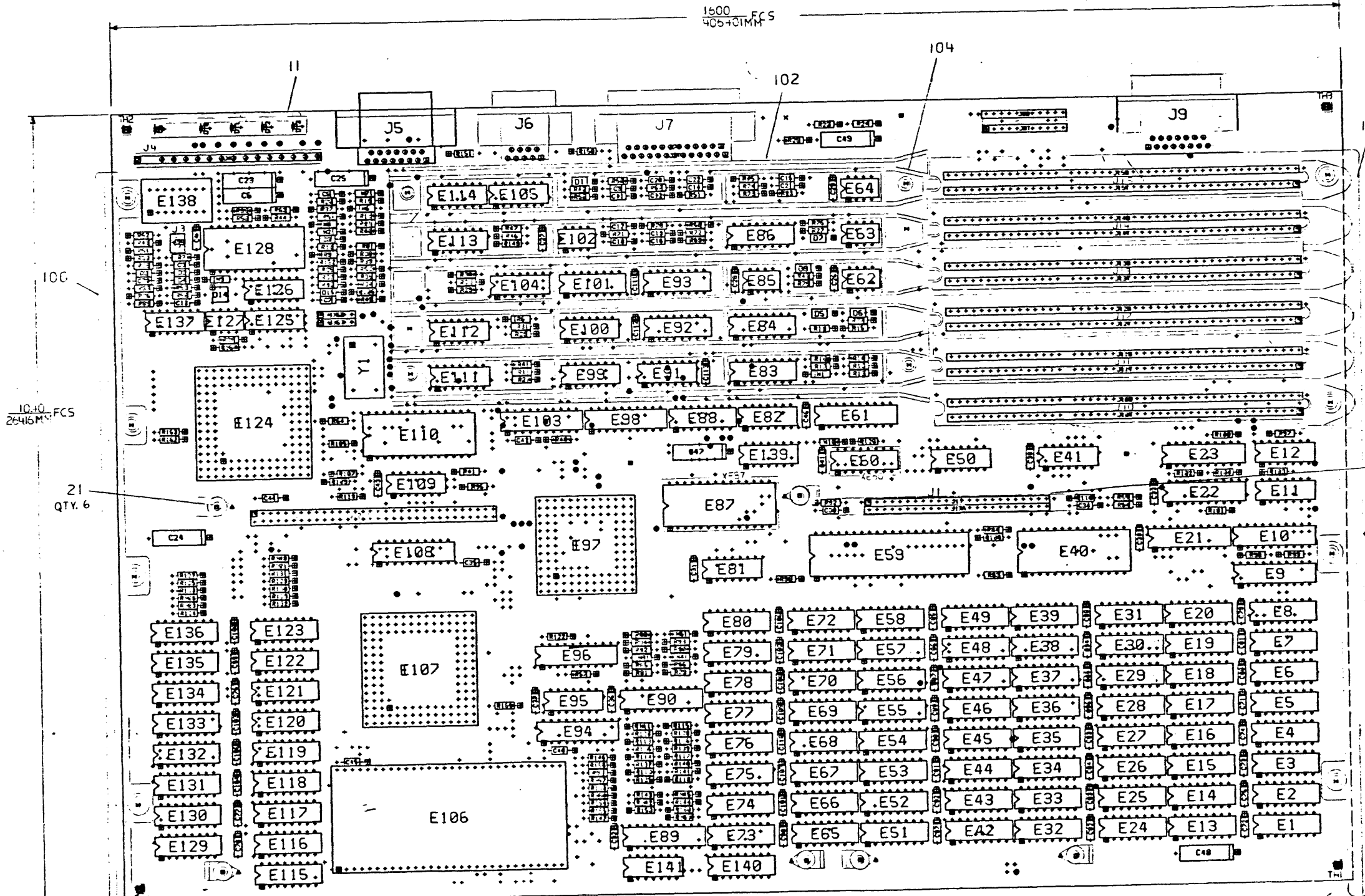
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DRN. E. LANDRY	DATE 3 MAY 84	TITLE PC 380 SYSTEM BOARD
CHK'D D. DROZD	DATE 3 MAY 84	
DES. ENG. J. FERGUSON	DATE 3 MAY 84	DOCUMENT NUMBER
RESP. ENG. D. POWERS	DATE 3 MAY 84	SIZE <b>B</b> CODE <b>DD</b> NUMBER 5416237-0-0 REV. 5
MFG. ENG. D. POWERS	DATE 3 MAY 84	SHEET 1 OF 1

COMPONENT REF DESIGNATION	
FROM COMPAS	TO COMP IN
LISTED IN P/1	DESIGN IN P/1
DET 028	J1
J77/J78	J2
J81/J78	J3
J01/J08	J4
J01/J08	J5
J01/J08	J6
J01/J08	J7
J01/J08	J8
J01/J08	J9
J01/J08	J10
J01/J08	J11
J01/J08	J12

SIGNATURES	DATE	TITLE	STRENGTH	NUMBER	REV
DRN	11/17/57	digital	100	100	1
CHK D	11/17/57				
MECH ENGR	11/17/57				
PROJ ENGR	11/17/57				
SCALE	1:1				
SMT	11/17/57				
ETCH	11/17/57				



NOTES: 1. FOR INSTANTIAL REF. 114-122  
 2. FOR A COPY OF THIS DRAWING, CONTACT THE PROJECT ENGINEER.  
 3. THIS DRAWING IS THE PROPERTY OF THE U.S. GOVERNMENT AND IS TO BE REPRODUCED AS SHOWN.  
 4. FOR A COPY OF THIS DRAWING, CONTACT THE PROJECT ENGINEER.  
 5. FOR A COPY OF THIS DRAWING, CONTACT THE PROJECT ENGINEER.

STEP	TYPE	DATE
1	DESIGN	11/17/57
2	ETCH	11/17/57
3	TEST	11/17/57
4	SHIP	11/17/57

E1045-15237-0-0

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VARIATION				REFERENCE DESIGNATOR
						AC A1	AH A1	AJ A1	AP A1	
1	1	D-MD-5016236-0-0	5016236-01		CIRCUIT DRILL AND ETCH	1	1	1	1	
2	2		1004812-00		15 MFD 20V 10% S.TANT	6	6	6	6	C23-C25,C47-C49
3	3		1004813-00		10 MFD 20V 10% S.TANT	1	1	1	1	C5
4	4		1012784-00		.047 MFD 50V +80-20% CER	11	11	11	11	C13,C30,C34,C35,C40,C42,C44,C45, CONT C6-C8
5	5		1013466-12		2200.0 MMF 50V 10% X7R CER	3	3	3	3	C9,C11,C12
6	6		1013466-45		220.0 MMF 1 50V 1% NPO CER	2	2	2	2	C3,C70
7	7		1014265-00		.22 MFD 50V +80-20% CER	58	58	58	58	C4,C26-C29,C31-C33,C36-C39,C41, CONT C43,C46,C71-C113
8	8		1105871-00		VZ= 5.15 1% 250 MW	1	1	1	1	D15
9	9		1110967-00		PIV= 600 IO= 1.00A 1N4005 DO-41	5	5	5	5	D1,D5-D7,D9
10	10		1114117-00		PIV= 40 IO= 75 A / 4NS	3	3	3	3	D2-D4
11	11		1122347-01		LED ASSY,1GREEN/4RED	1	1	1	1	D8
12	12		1215006-02		SKT,IC 16PIN DIP TIN SOLD	1	1	1	1	XE60
13	13		1215006-07		SKT,IC 28PIN DIP TIN SOLD	1	1	1	1	XE87
14	14		1217869-04		PCB,HEADER 10PIN(2X05).100CC STR	1	1	1	1	J16
15	15		1218817-01		CARD EDGE 90PIN(2X45).100CC TBA	6	6	6	6	J10-J15
16	16		1219032-00		PCB HEADER 16PIN(1X16).156CC STR	1	1	1	1	J4
17	17		1219066-06		PCB HEADER 48PIN(2X24).100CC STR	1	1	1	1	J1
18	18		1219066-07		PCB HEADER 64PIN(2X32).100CC STR	1	1	1	1	J2
19	19		1219251-00		PCB HEADER 02PIN(1X02).100CC STR	1	1	1	1	J3
20	20		1219517-01		CARD EDGE 22PIN(2X11).100CC STR	1	1	1	1	J8
21	21		1219857-05		STANDOFF,NYLON	6	6	6	6	
22	22		1220365-03		CONN,D SUB 25PIN ASSY 90D	1	1	1	1	J7
23	23		1220398-01		CONN,D SUB 9PIN ASSY RT ANGLE	1	1	1	1	J6
24	24		1220398-02		CONN,D SUB 15PIN ASSY RT ANGLE	1	1	1	1	J5
25	25		1220399-01		CONN,D SUB 15SKT ASSY RT ANGLE	1	1	1	1	J9
26	26		1300202-00		47.0 .25 W 5.0 % CF	12	12	12	12	R123-R133,R149
27	27		1300271-00		220.0 .25 W 5.0 % CF	6	6	6	6	R22-R25,R61,R108
28	28		1300316-00		470.0 .25 W 5.0 % CF	1	1	1	1	R44

REVISION HISTORY			BASIC PART NO: 5416237			DRN: R. RHOADES			DATE: 23-JAN-84			D I G I T A L									
ENG	ECO NUMBER	REV	SECTION A OF A			CHK'D: DAVID DROZD			DATE: 1-MAY-84			TITLE PARTS LIST									
---	INITIAL	A	SECTION.VARIATION INDEX			DES.ENG: J. FERGUSON			DATE: 2-MAY-84			DOCUMENT NUMBER									
JB	5416237-ML001	B	[A]	AC,AH,AJ,AP	[B]	[C]	[D]	[E]	[F]	[H]	[J]	[K]	[L]	[M]	[N]	RESP.ENG.: J.FERGUSON	DATE: 1-MAY-84	K	PL	5416237-0-DBP	B
						MFG.ENG.: D. POWERS			DATE: 2-MAY-84			RELEASE DATE: 01-OCT-84									
						ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:			FILE NAME:			EDIT #						
						D-UA-5416237-0-0			B-DD-5416237-0-0			Z7206B.PLS			15						

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LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	VARIATION	REVISION LEVEL	QTY PER VARIATION				REFERENCE DESIGNATOR
								AC A1	AH A1	AJ A1	AP A1	
29	29		1300365-00	1.0	K	.25 W 5.0 %	CF	15	15	15	15	R6,R39,R52,R53,R111-R118, CONT R162-R164
30	30		1300398-00	1.80	K	.25 W 5.0 %	CF	2	2	2	2	R64,R88
31	31		1300426-00	2.70	K	.25 W 5.0 %	CF	1	1	1	1	R150
32	32		1300432-00	3.0	K	.25 W 5.0 %	CF	11	11	11	11	R7,R43,R147,R148,R40,R41,R54, CONT R55,R63,R80,R165
33	33		1300447-00	4.70	K	.25 W 5.0 %	CF	9	9	9	9	R93,R97-R104
34	34		1300479-00	10.0	K	.25 W 5.0 %	CF	32	32	32	32	R11-R17,R27,R56,R57,R60,R65,R66, CONT R76,R79,R81,R87,R94,R95, CONT R105-R107,R109,R110,R89,R90,R92, CONT R119-R122,R152
35	35		1301425-00	300.0		.25 W 5.0 %	CF	1	1	1	1	R26
36	36		1301969-00	22.0		.25 W 5.0 %	CF	23	23	23	23	R134-R145,R91,R153-R161,R146
37	37		1302388-00	2.0	K	.25 W 5.0 %	CF	1	1	1	1	R151
38	38		1302871-00	1.21	K	.25 W 1.0 %	RN55D-F10	3	3	3	3	R3,R30,R35
39	39		1302872-00	681.0		.25 W 1.0 %	RN55D-F1	1	1	1	1	R45
40	40		1303064-00	75.0		.25 W 1.0 %	RN55D-F10	4	4	4	4	R5,R21,R37,R38
41	41		1304838-00	43.0	K	.25 W 5.0 %	CF	6	6	6	6	R58,R59,R82-R84,R96
42	42		1305126-00	619.0		.25 W 1.0 %	RN55D-F10	3	3	3	3	R4,R31,R36
43	43		1305324-00	4.99	K	.25 W 1.0 %	RN55D-F10	3	3	3	3	R1,R28,R33
44	44		1309595-00	1.0	M	.25 W 5.0 %	CF	3	3	3	3	R49,R77,R78
45	45		1311422-00	178.0		.25 W 1.0 %	RN55D-F10	3	3	3	3	R8,R18,R46
46	46		1312626-00	2.49	K	.25 W 1.0 %	RN55D-F10	3	3	3	3	R2,R29,R34
47	47		1313581-00	110.0		.25 W 1.0 %	RN55D-F10	6	6	6	6	R9,R10,R19,R20,R47,R48
48	48		1313597-00	23.70	K	.25 W 1.0 %	RN55D-F10	12	12	12	12	R42,R50,R51,R67-R75
49	49		1313794-00	787.0		.25 W 1.0 %	RN55D-F10	1	1	1	1	R32
50	50		1317404-00	249.0		.25 W 1.0 %	RN55D-F10	1	1	1	1	R62
51	51		1319373-01			R NETWORK 14-330	14-680 14PIN	3	3	3	3	E11,E12,E41
52	52		1319373-02			R NETWORK 14-1.5K	14-3.3K 14PIN	2	2	2	2	E81,E82
53	53		1319610-01	750.0	K	.25 W .10%	RN55E-B 2	1	1	1	1	R85
54	54		1319645-01	487.0	K	.25 W .10%	RN55E-B 2	1	1	1	1	R86
55	55		1514961-00			TPQ2222 NPN 500MW SI 40 100		1	1	1	1	E104
56	56		1514962-00			TPQ2907 PNP 500MW SI 40 100		2	2	2	2	E113,E114
57	57		1811660-56			OSCILLATOR, XTAL 20.16 MHZ		1	1	1	1	Y1
58	58		1818800-00			OSCILLATOR, XTAL 32.768KHZ		1	1	1	1	E138
59	59		1910533-00			74S03 NAND GATE-QUAD 2IN,0		2	2	2	2	E111,E112
60	60		1910534-00			74S04 INVERTER GATE-HEX 1I		1	1	1	1	E100
61	61		1910535-00			74S05 INVERTER GATE-HEX 1		2	2	2	2	E95,E125
62	62		1910536-00			74S10 NAND GATE-TRIPLE 3IN		1	1	1	1	E99
63	63		1910544-00			74S74 FF-D DUAL,EDGE TRIGG		1	1	1	1	E91
64	64		1910957-00			74S175 FF-D QUAD COMMON CLO		1	1	1	1	E84
65	65		1911469-00		DEC	8640 RECEIVER,BUS,QUAD,U		1	1	1	1	E105
66	66		1911675-00			74S138 DECODER/DEMUX 3-8 LI		1	1	1	1	E88
67	67		1912388-00			74S02 NOR GATE-QUAD 2IN,PO		1	1	1	1	E126
68	68		1912389-00			74S08 AND GATE-QUAD 2IN,PO		1	1	1	1	E109
69	69		1912803-00			LS04 INVERTER GATE,HEX		1	1	1	1	E139
70	70		1912816-00			LS32 OR GATE-QUAD 2IN,POS		2	2	2	2	E50,E141
71	71		1912842-00			LS138 DECODER-THREE INPUT,		2	2	2	2	E83,E92

D	I	G	I	T	A	L	TITLE	SECTION A	OF	A	SIZE	CODE	DOCUMENT NUMBER	REV
							PC380 SYSTEM BOARD				K	PL	5416237-0-DBP	B

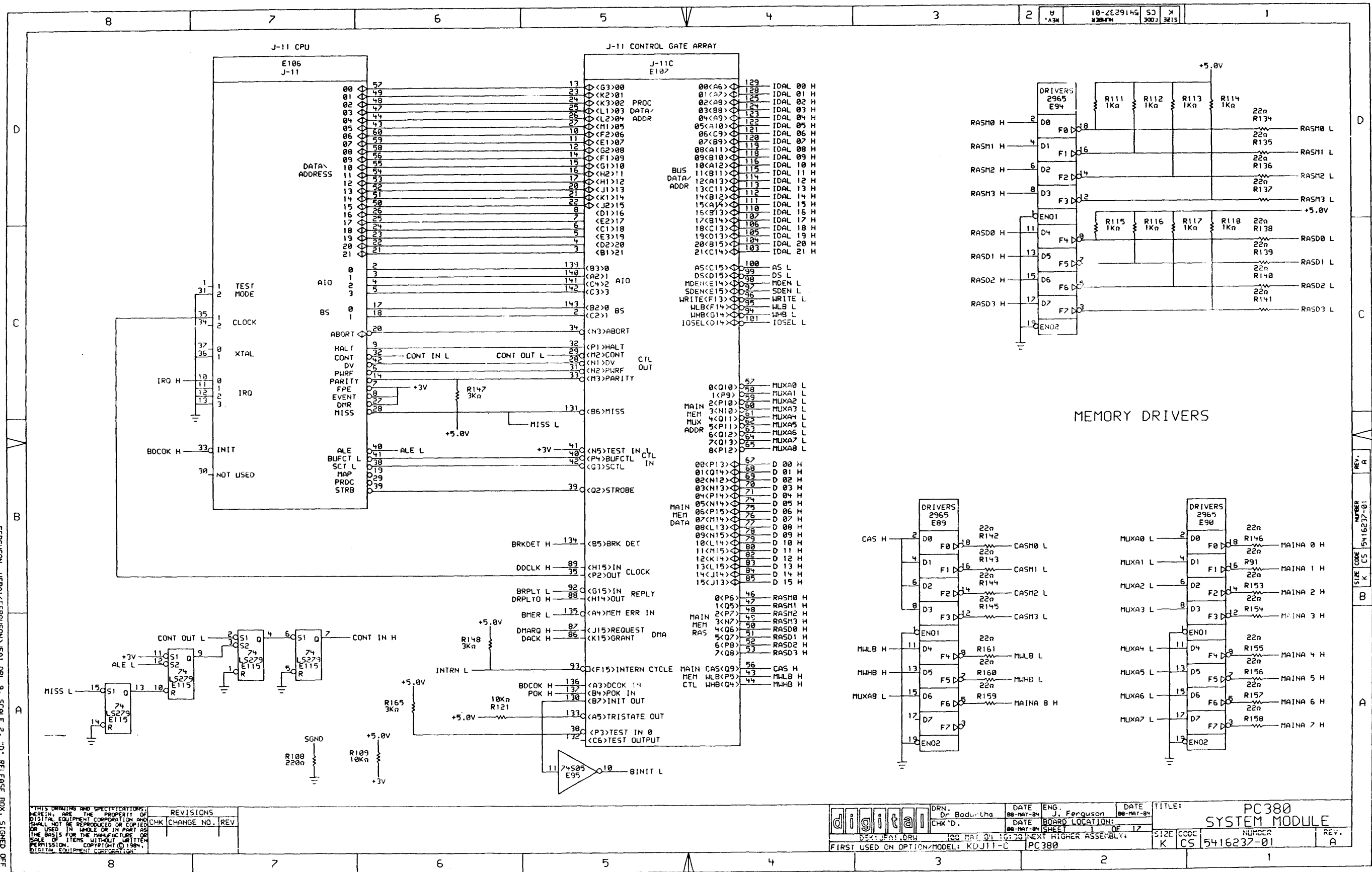
LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VARIATION				REFERENCE DESIGNATOR
						AC A1	AH A1	AJ A1	AP A1	
72	72		1912864-00		LS279 LATCH, QUAD-S-R	1	1	1	1	E115
73	73		1913493-00		74S241 OCTAL BUFFER, TRI-STA	2	2	2	2	E9, E22
74	74		1913777-00		LS240 DRIVER, LINE, OCTAL, T	1	1	1	1	E61
75	75		1914140-01	LM	211P COMPARATOR, VOLTAGE	1	1	1	1	E127
76	76		1915123-03		26LS32-3 RECEIVER, LINE RS232	3	3	3	3	E86, E93, E101
77	77		1915193-00		LS244 DRIVER, LINE, OCTAL, T	1	1	1	1	E96
78	78		1915218-00		LS245 TRANSCEIVER, BUS, OCT	1	1	1	1	E108
79	79		1915219-00		LS373 FF-D OCTAL-TRANSPARE	2	2	2	2	E98, E103
80	80		1915415-00		9636 DRIVER, DUAL, EIA RS-	5	5	5	5	E62-E64, E85, E102
81	81		1918708-00		8307 TRANCEIVER, BI-DIRECT	3	3	3	3	E10, E21, E23
82	82		1918868-00		LS26 NAND GATE, 2-IN, HIGH	1	1	1	1	E137
83	83		1919635-01		2965 DRIVER, DYNAMIC RAM	3	3	3	3	E89, E90, E94
84	84		1919684-01	LM	385B2 PREC VOLT REF. 1.23	1	1	1	1	D14
85	85		2117370-02		6665-15 RAM 64KX1 150NS DY	-	-	80	-	E1-E8, E13-E20, E24-E39, E42-E49, CONT E51-E58, E65-E80, E116-E123, CONT E129-E136
86	86		2118467-02		8264-15 RAM 64K X1, 150NS 1	80	-	-	-	E1-E8, E13-E20, E24-E39, E42-E49, CONT E51-E58, E65-E80, E116-E123, CONT E129-E136
87	87		2118470-02		*** THIS ITEM IS NOT USED ***	-	-	-	-	
88	88		2118472-02		4164-3 MOS RAM 64K X1, 150	-	80	-	-	E1-E8, E13-E20, E24-E39, E42-E49, CONT E51-E58, E65-E80, E116-E123, CONT E129-E136
89	89		2118623-00		2661-3 COMMUNICATIONS, INTER	2	2	2	2	E40, F110
90	90		2118795-00		146818 CLOCK/CALENDAR/RAM	1	1	1	1	E128
91	91		2118856-00		CONTROLLER, MULTI-PROTOCOL SERIAL	1	1	1	1	E59
92	92		2118995-02		*** THIS ITEM IS NOT USED ***	-	-	-	-	
93	93		2120549-02		64K MOS RAM 150NS 1	-	-	80	-	E1-E8, E13-E20, E24-E39, E42-E49, CONT E51-E58, E65-E80, E116-E123, CONT E129-E136
94	94		2122376-01		DC365 GRID ARRAY 144PIN J-11 BUS	1	1	1	1	E107
95	95		2122377-01		DC363 GRID ARRAY 144PIN VIDEO CO	1	1	1	1	E124
96	96		2122378-01		DC362 GRID ARRAY 120PIN I/O CONT	1	1	1	1	E97
97	97		23052E5-00		*** THIS ITEM IS NOT USED ***	-	-	-	-	
98	98		23346A1-00		A1-07	1	1	1	1	E60
99	99		5719400-05		HYBRID, ASSY W/2 CHIPS 10MHZ	1	1	1	1	E106
100	100		7425654-00		SLIDE, MOTHER BD. (LEFT SIDE)	1	1	1	1	
101	101		7425706-00		MOTHER BOARD SLIDE (RIGHT)	1	1	1	1	
102	102		7425707-00		BRACKET, GUIDANCE, P.C. BOARD	1	1	1	1	
103	103		7428702-01		RESTRAINT, PCB	1	1	1	1	
104	104		9000024-01		EYELET, ROLLED 0.1210DX0.192	12	12	12	12	
105	105		9009185-00		JUMPER, WIRE, INSULATED, BLACK B	8	8	8	8	W1-W3, W5-W8, W10
106	106		23090E5-00		E5-01, E5-02 ROM	1	1	1	1	E87

D	I	G	I	T	A	L	TITLE	SECTION A	OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							PC380 SYSTEM BOARD			K	PL	5416237-0-DBP	B

LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
				VARIATION REVISION LEVEL:	AC AH AJ AP	
					A1 A1 A1 A1	

- 107 NOTE: 1. 5416237-AA IS A PRIMARY VARIATION OF A PC380 SYSTEM BOARD (NOT A MODULE TYPE).
- 108 NOTE: 3. 5416237-AC IS A MODULE TYPE USING FUJITSU 64K MOS DEVICES.
- 109 NOTE: 5. 5416237-AH IS A MODULE TYPE USING NEC 64K MOS DEVICES.
- 110 NOTE: 6. 5416237-AJ IS A MODULE TYPE USING MOTOROLA 64K MOS DEVICES.
- 111 NOTE: 7. 5416237-AP IS A MODULE TYPE USING MITSUBISHI 64K MOS DEVICES.
- 112 NOTE: 8. 5719400-04 CAN BE SUBSTITUTED FOR 5719400-05.

D I G I T A L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
	PC380 SYSTEM BOARD		K	PL	5416237-0-DBP	B



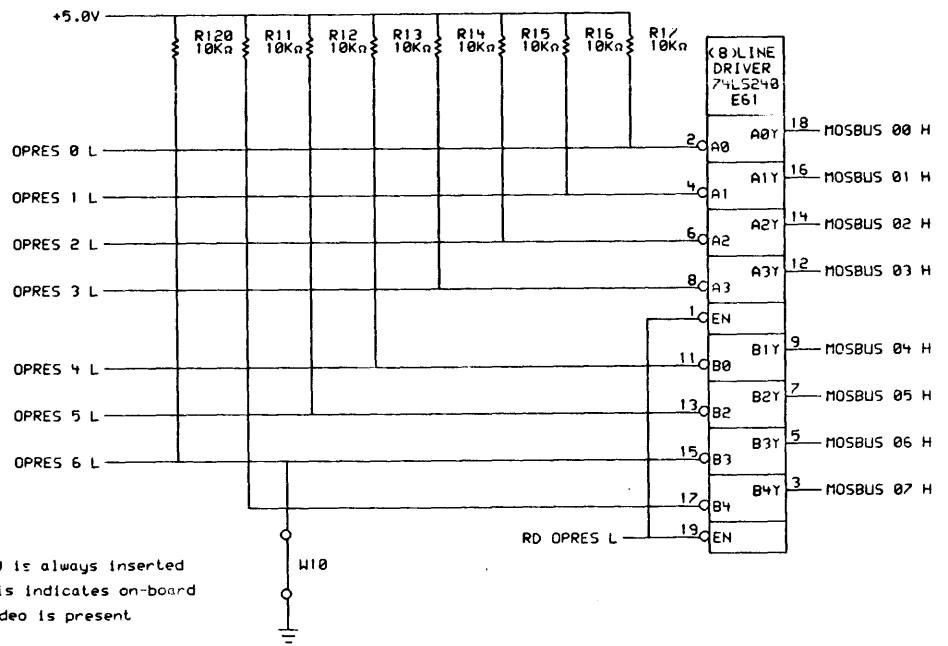
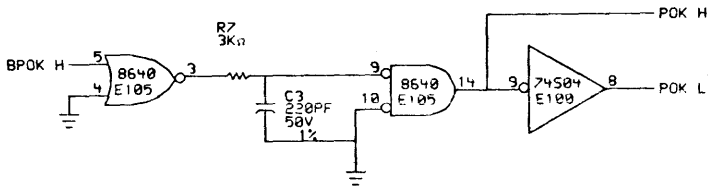
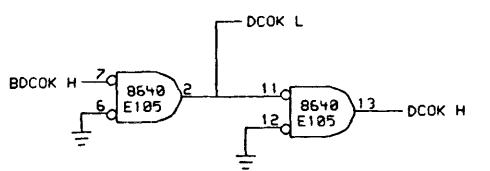
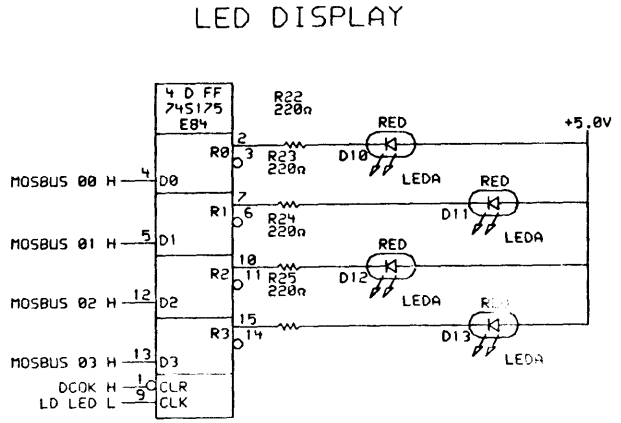
FERGUSON, USRA:FERGUSON\JFAT.DPL, 9, SCALE 2, "D" RELEASE BOX, SIGNED OFF  
 FERGUSON JFAT, PLOT 4, 251 08-11-84 17:35

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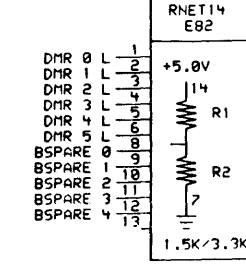
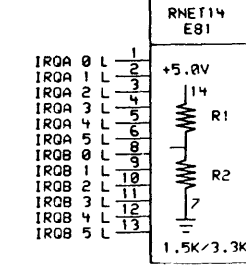
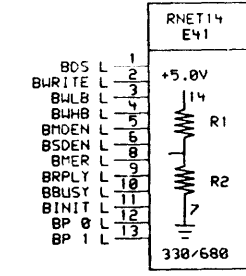
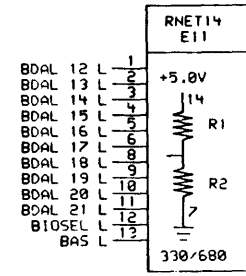
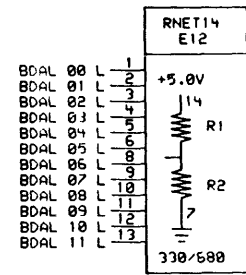
REV.	CHG	NO.	REV

digital	DRN.	Dr. Bodurtha	DATE	08-MAY-84	ENG.	J. Ferguson	DATE	08-MAY-84	TITLE:	PC380 SYSTEM MODULE
	CHK'D.		DATE		BOARD LOCATION:		SHEET	OF 12	SIZE	CODE
FIRST USED ON OPTION/MODEL:		100 MAI, Q1, 16:30 NEXT HIGHER ASSEMBLY:		PC380		NUMBER	K CS 5416237-01		REV.	A

REV. A  
 NUMBER 5416237-01  
 SIZE CODE K CS  
 B  
 A



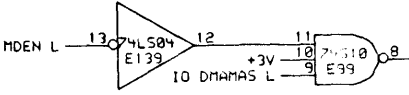
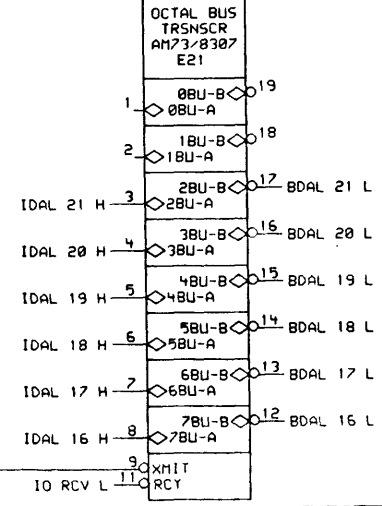
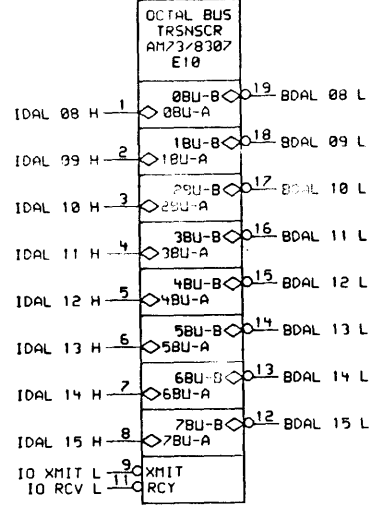
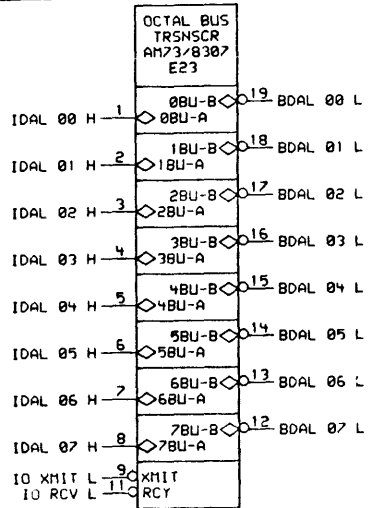
Note: W10 is always inserted  
This indicates on-board  
video is present



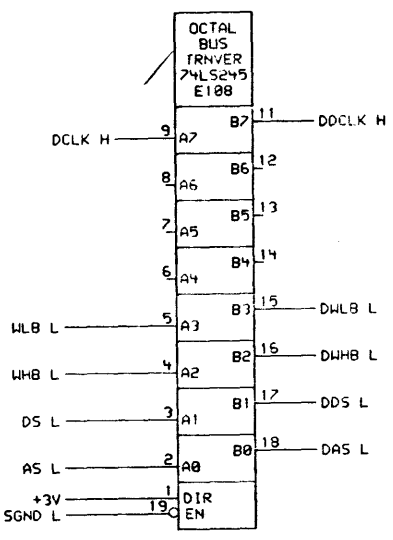
REVISIONS	CHK	CHANGE NO.	REV

	DRN. Dr. Badurtha	DATE 08-MAY-84	ENG. J. Ferguson	DATE 08-MAY-84	TITLE: PC380 SYSTEM MODULE
	CHK'D.	DATE 08-MAY-84	BOARD LOCATION: SHEET 2 OF 12	DATE 08-MAY-84	SIZE CODE K CS
DSK: JFA2.DRW		08-MAY-84 16:48	NEXT HIGHER ASSEMBLY: PC380	NUMBER 5416237-01	
FIRST USED ON OPTION/MODEL: KDJ11-C				REV. A	

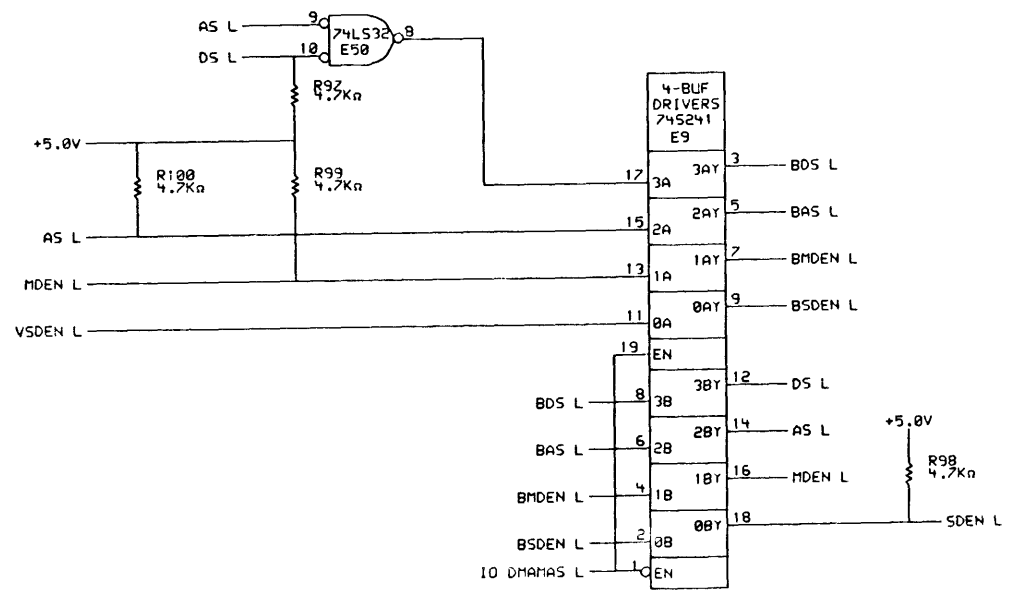
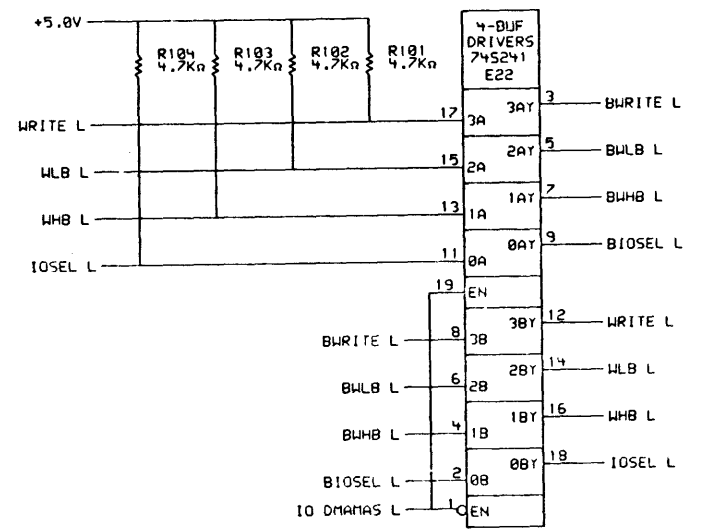
FERUGSON, USRA: FERUGSON, JFA2, DPL 5, SCALE 2, "G" RELEASE BOX, SIGNED OFF  
 FERUGSON, JFA2, PLO 4, (25) 08-MAY-84 17:35



### SIGNAL BUFFERS



### BUS CONTROL SIGNALS



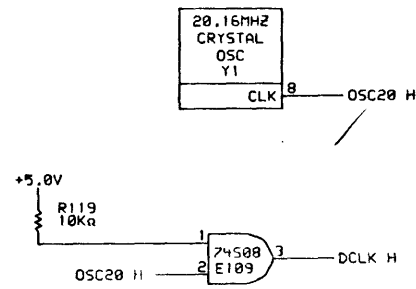
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REV.	CHG	CHANGE NO.	REV.

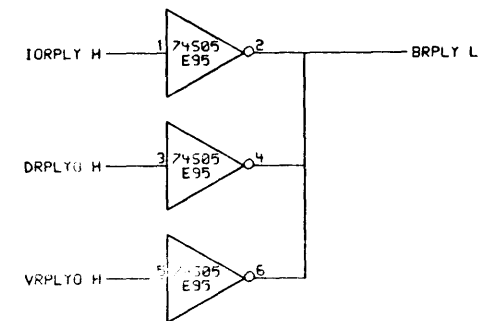
	DRN. Dr. Rindurtha	DATE 08-MAY-84	ENG. J. Ferguson	DATE 08-MAY-84	TITLE: PC380 SYSTEM MODULE
	CHK'D.	DATE 08-MAY-84	BOARD LOCATION: 3	OF 12	SIZE CODE NUMBER REV. K CS 15416237-01 A
	DSK: JFA3.DRW	08-MAY-84 16:41	NEXT HIGHER ASSEMBLY: PC380		

FERROUSON, USRA; FERROUSON, JFA3, DPL-5, SCALE 2:1, D, RELEASE BOX, SIGNED OFF FERROUSON, JFA3, PLOT 4, 251 08-MAY-84 17:39

### SYSTEM CLOCK



### REPLY LOGIC

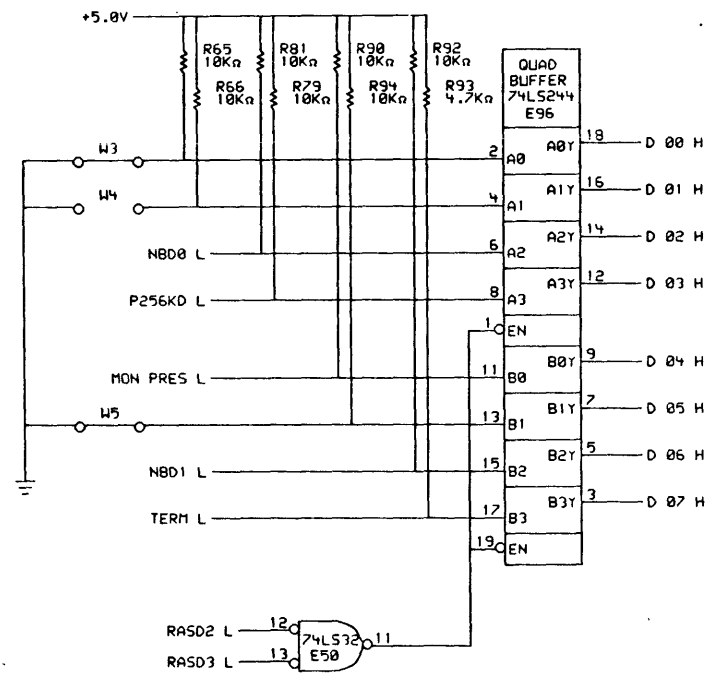


### MEMORY JUMPER CONFIGURATION

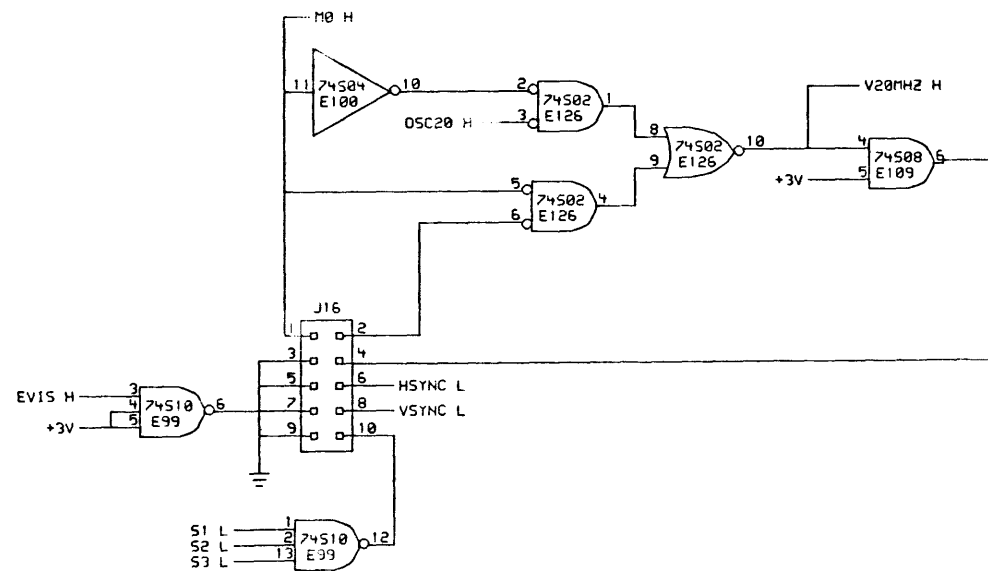
W3	W4	W5
NB00 L	P256KM L	NB01 L
IN	OUT	IN

■ This jumper configuration indicates  
512 KB main memory ( 4 banks of 64K parts )

### MAIN MEMORY CONTROL



### IVIS LOGIC



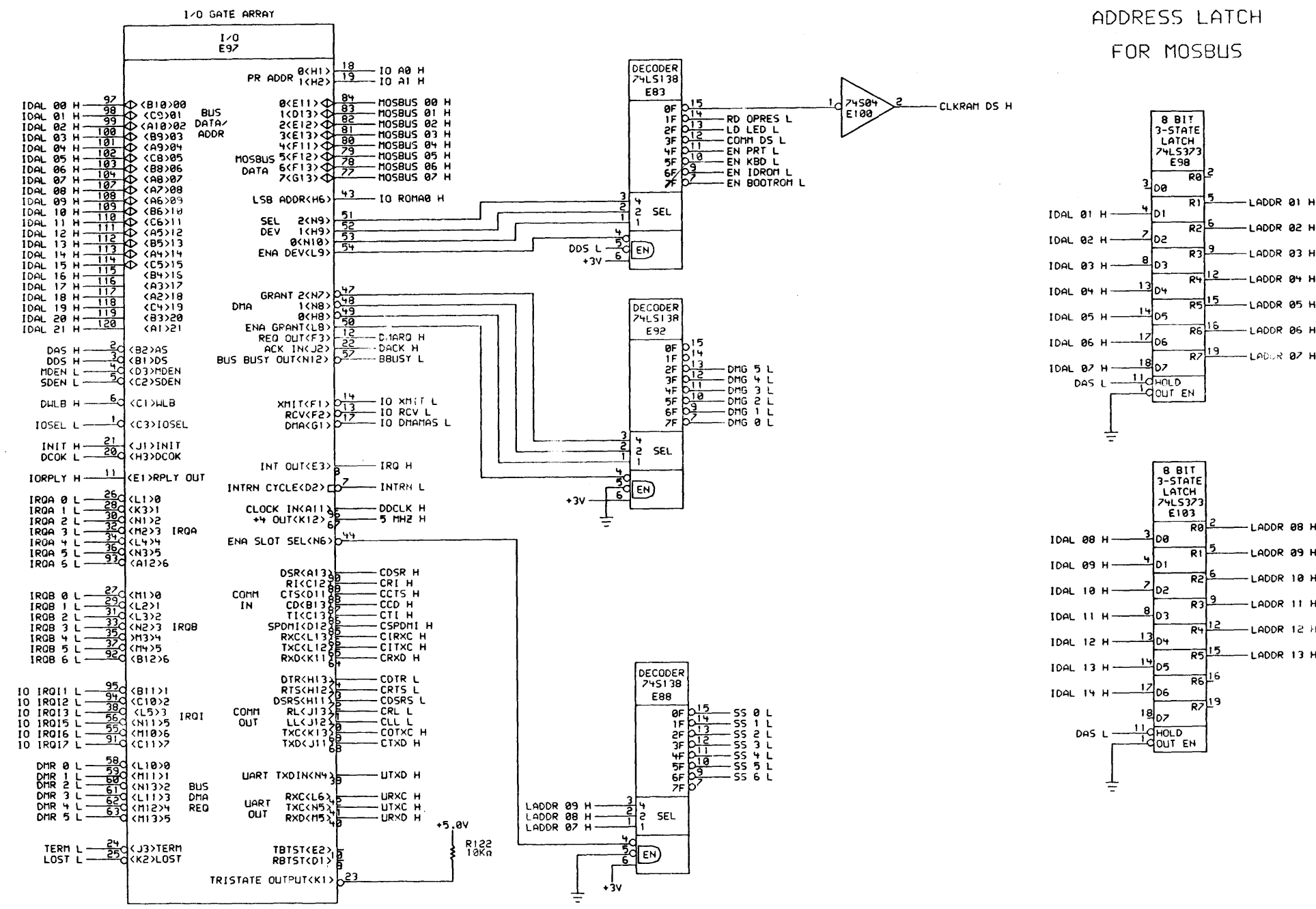
FERGIUSON, USRA<FERGIUSON>JFH, DPL 6, SCALE 2, "D" RELEASE BOX, SIGNED OFF  
 FERGIUSON JFH, PLOT 4, 25 J 08-19-84 17:39

REV. A  
 NUMBER 5416237-01  
 SIZE CODE K CS  
 B  
 D

REVISIONS	
CHK	CHANGE NO. REV

	DRN. Dr. Bodurtha	DATE 08-MAY-84	ENG. J. Ferguson	DATE 08-MAY-84	TITLE: PC380
	CHK'D.	DATE 08-MAY-84	BOARD LOCATION: SHEET 4 OF 17	NUMBER 5416237-01	REV. A
DSK: JFH, DPL 108-MAY-84 15:43 NEXT HIGHER ASSEMBLY: PC380					SIZE CODE K CS
FIRST USED ON OPTION/MODEL: KDJ11-C					NUMBER 5416237-01

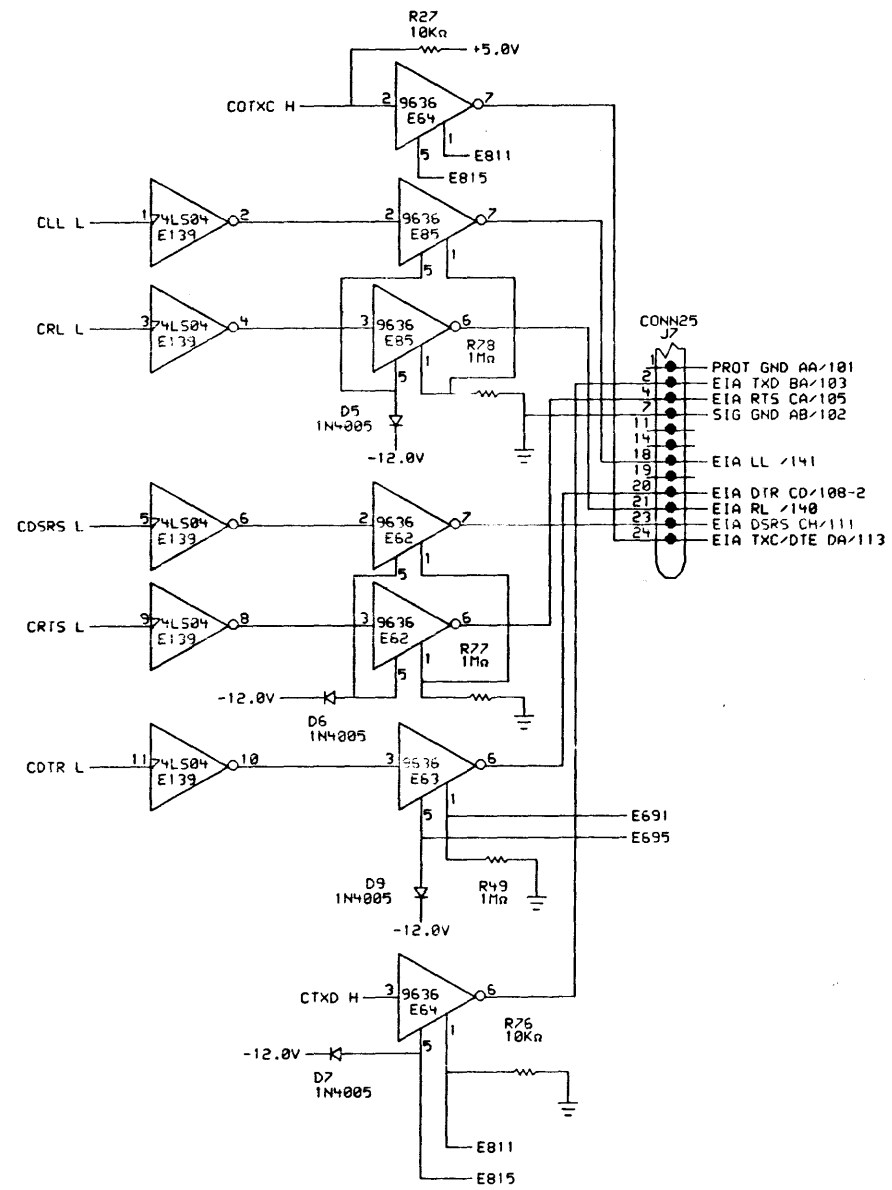
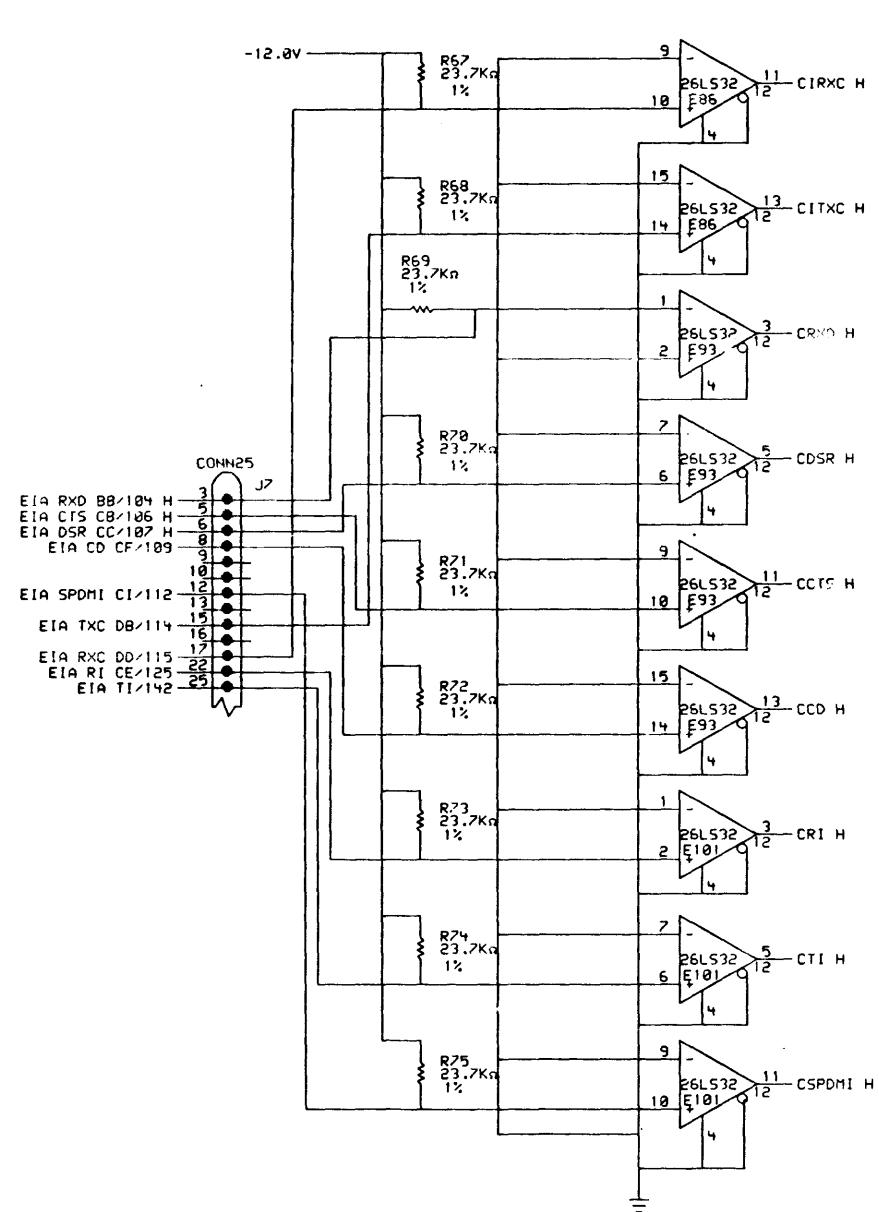
ADDRESS LATCH FOR MOSBUS



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CHK	CHANGE NO.	REV															
<p>FIRST USED ON OPTION/BOARD: DSK1 JFA3.DRW</p>				<p>DATE 08-MAY-84</p>		<p>BOARD LOCATION: SHEET 5 OF 12</p>		<p>NEXT HIGHER ASSEMBLY: PC380</p>		<p> </p>							

FERUGSON, USRA: FERUGSON, JFA5, DPL 5, SCALE 2, "D" RELEASE BOX, SIGNED OFF  
 FERUGSON, JFA5, PLOT 4, 251 08-MAY-84 17:48

# EIA RECEIVERS AND DRIVERS



FERGUSON, USRA:FERGUSON,JF66,DR1,5, SCALE 2, "D" RELEASE BOX, SIGNED OFF  
 FERGUSON, JF66, PLOT 4, 253 08-TAT-84 17:48

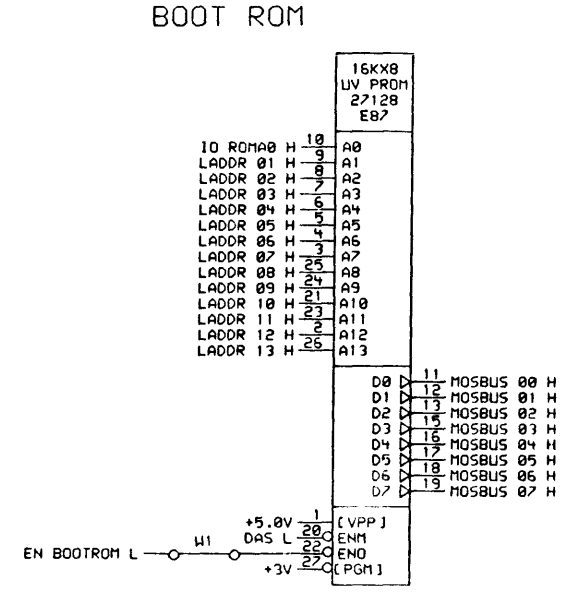
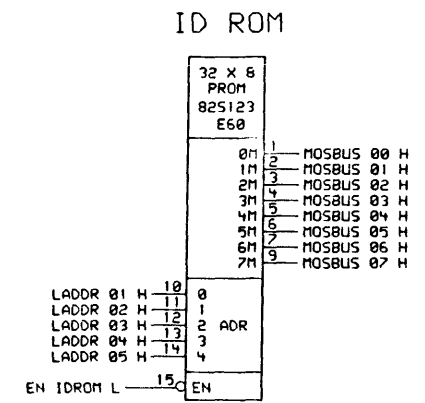
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REVISIONS	
CHK	CHANGE NO. REV.

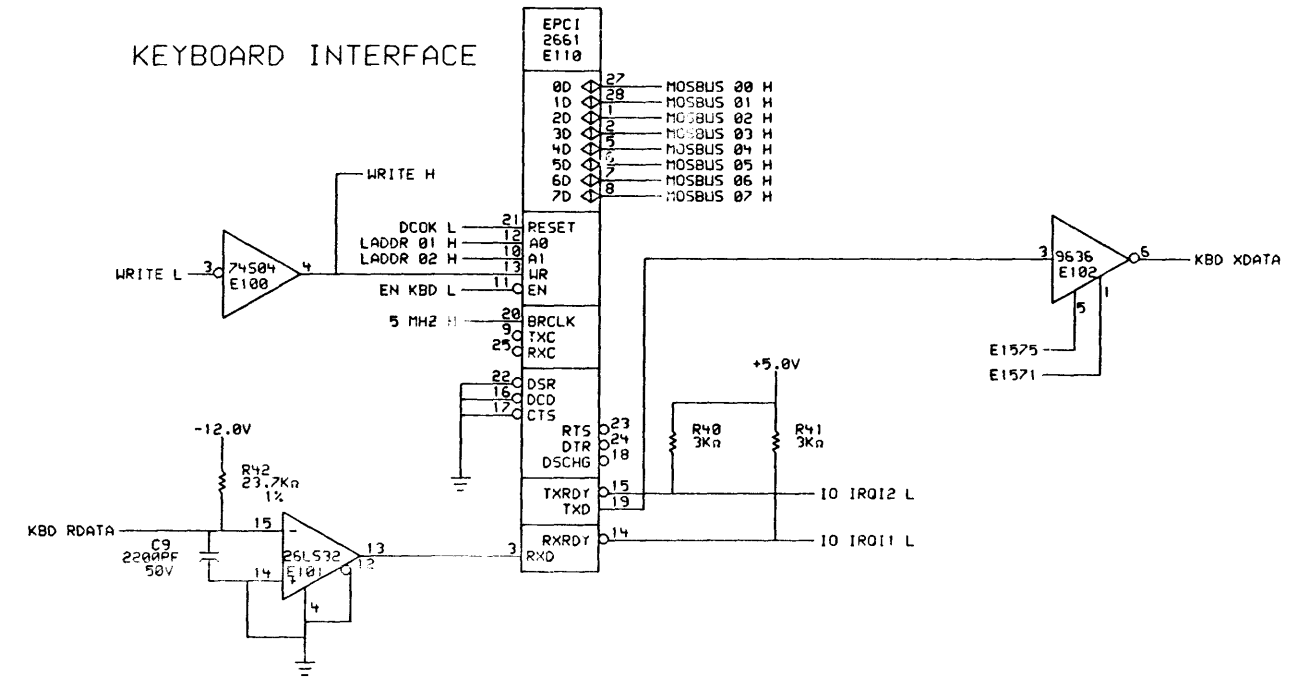
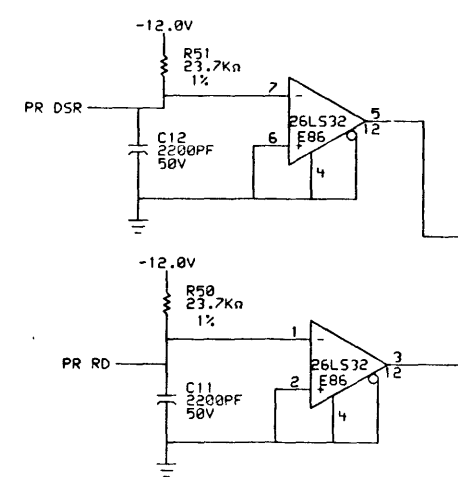
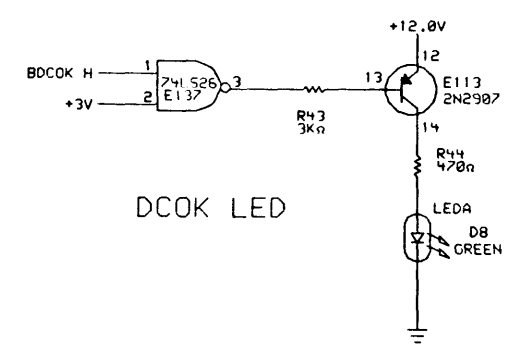
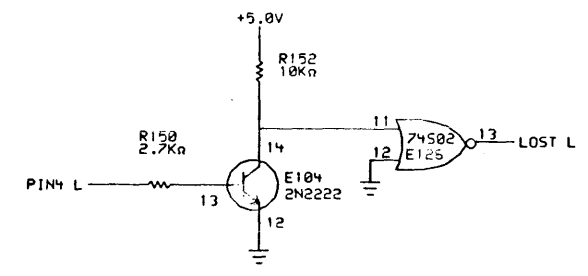
**digital**  
 DSK: JF66.DRW  
 FIRST USED ON OPTION MODEL: KDJ11-C

DRN. Dr. Badurtha  
 DATE 08-MAY-84 16:49  
 ENG. J. Ferguson  
 DATE 08-MAY-84  
 BOARD LOCATION: 6 OF 17  
 SHEET

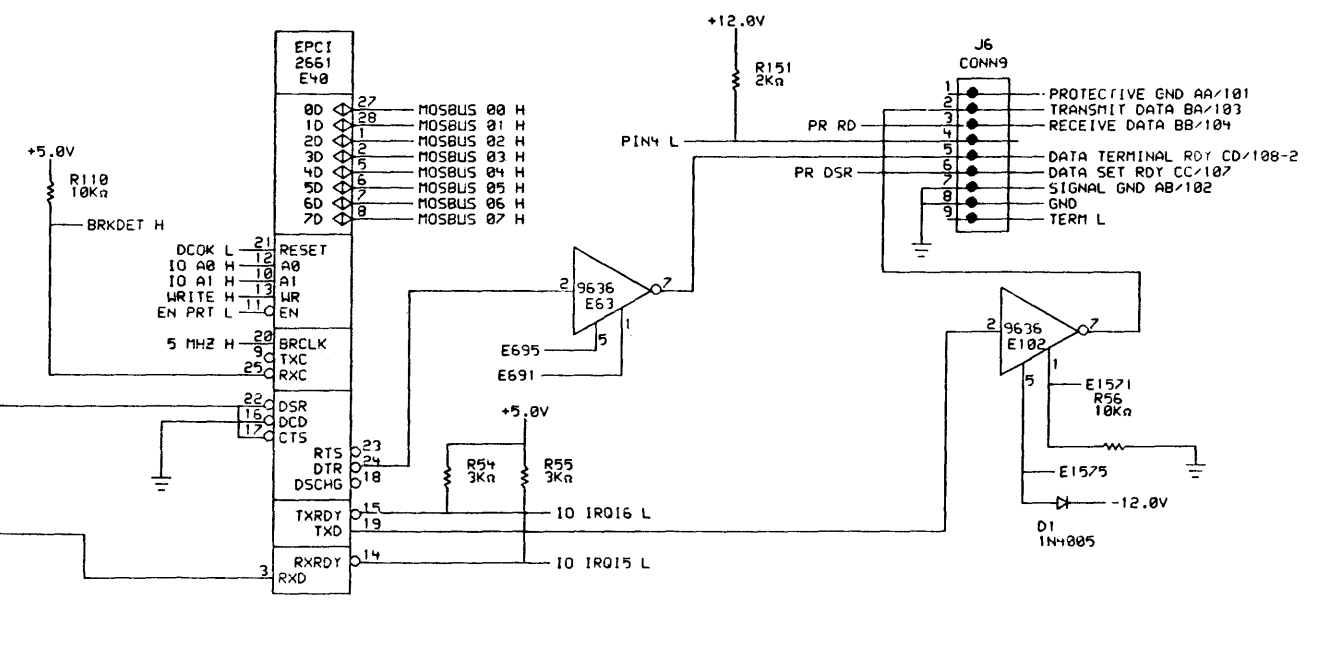
TITLE: PC380 SYSTEM MODULE  
 SIZE CODE: K ICS  
 NUMBER: 5416237-01  
 REV. A



W1 is always installed



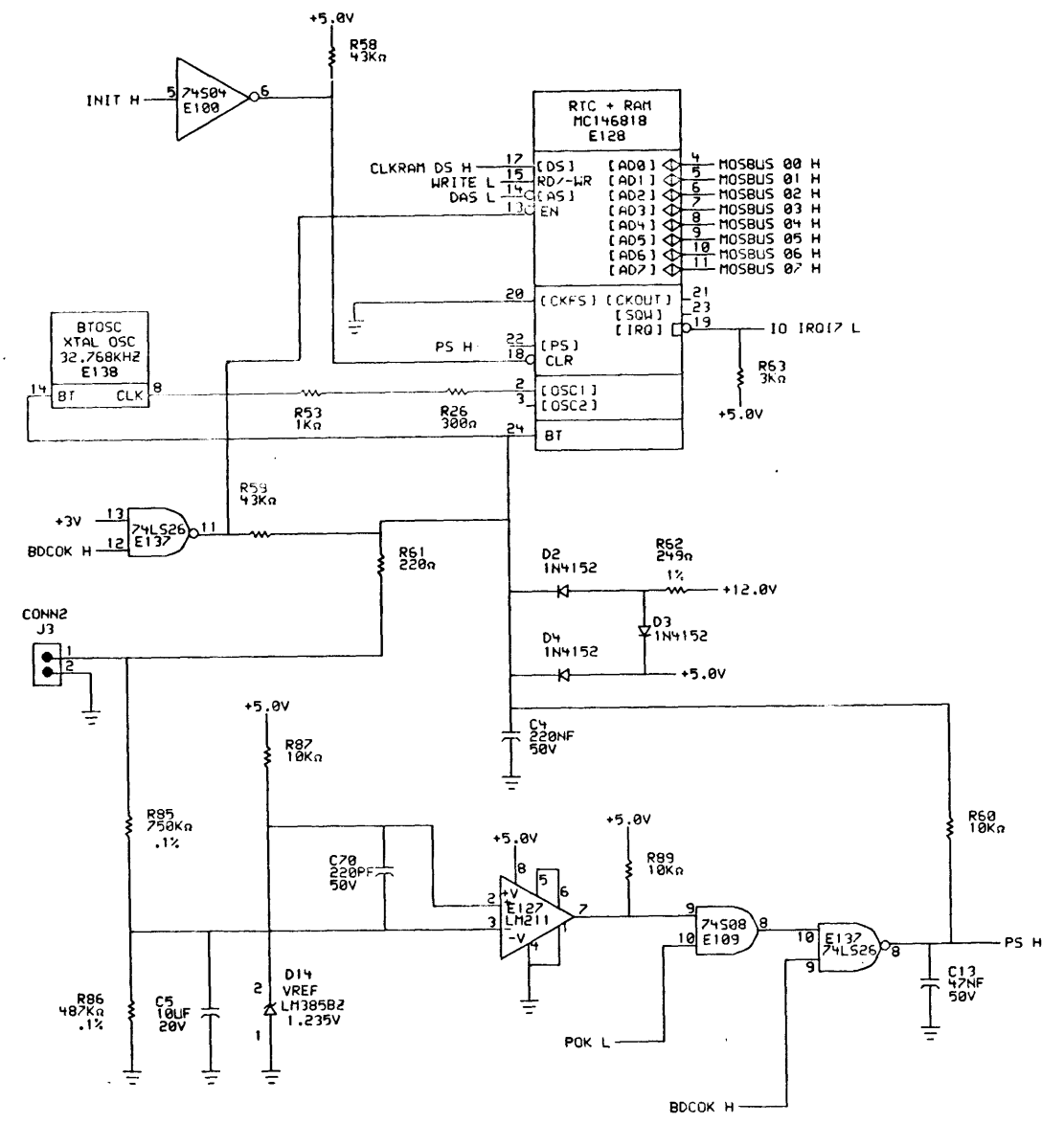
### PRINTER INTERFACE



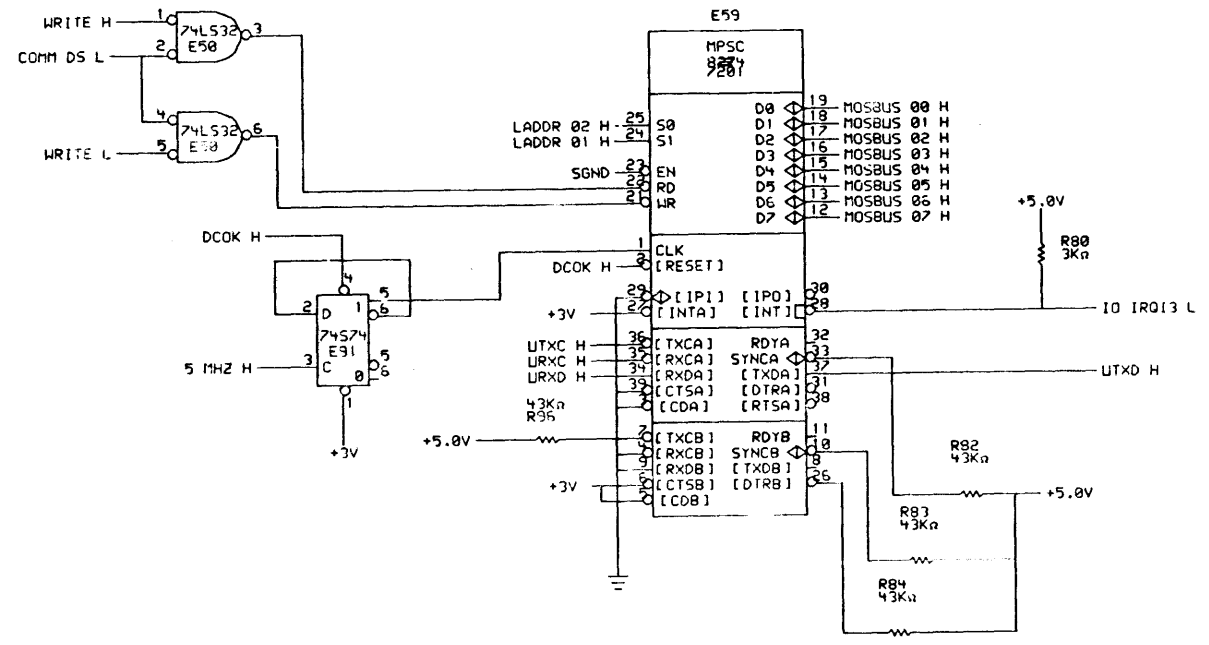
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DSK: JFA7 DRH FIRST USED ON OPTION MODEL: K0J11-C				DATE 08-MAY-84 16:53 NEXT HIGHER ASSEMBLY: PC380				SIZE CODE NUMBER REV. K CS 5416237-01 A			

FERUGSON, USRA:(FERUGSON)JFA7.DPL.5, SCALE 2+ "D" RELEASE BOX, SIGNED OFF  
 FERUGSON JFA7.PLOT.4,25 J 08-MAY-84 17:48

BATTERY BACKED-UP  
CLOCK AND RAM



COMM USART



FERGUSON, USRA<FERGUSON>JF08.DRW, 5, SCALE 2:1, "D" RELEASE BOX, SIGNED OFF  
 FERGUSON, JF08.PLOT, 4, 25, 08-MAY-84 17:49

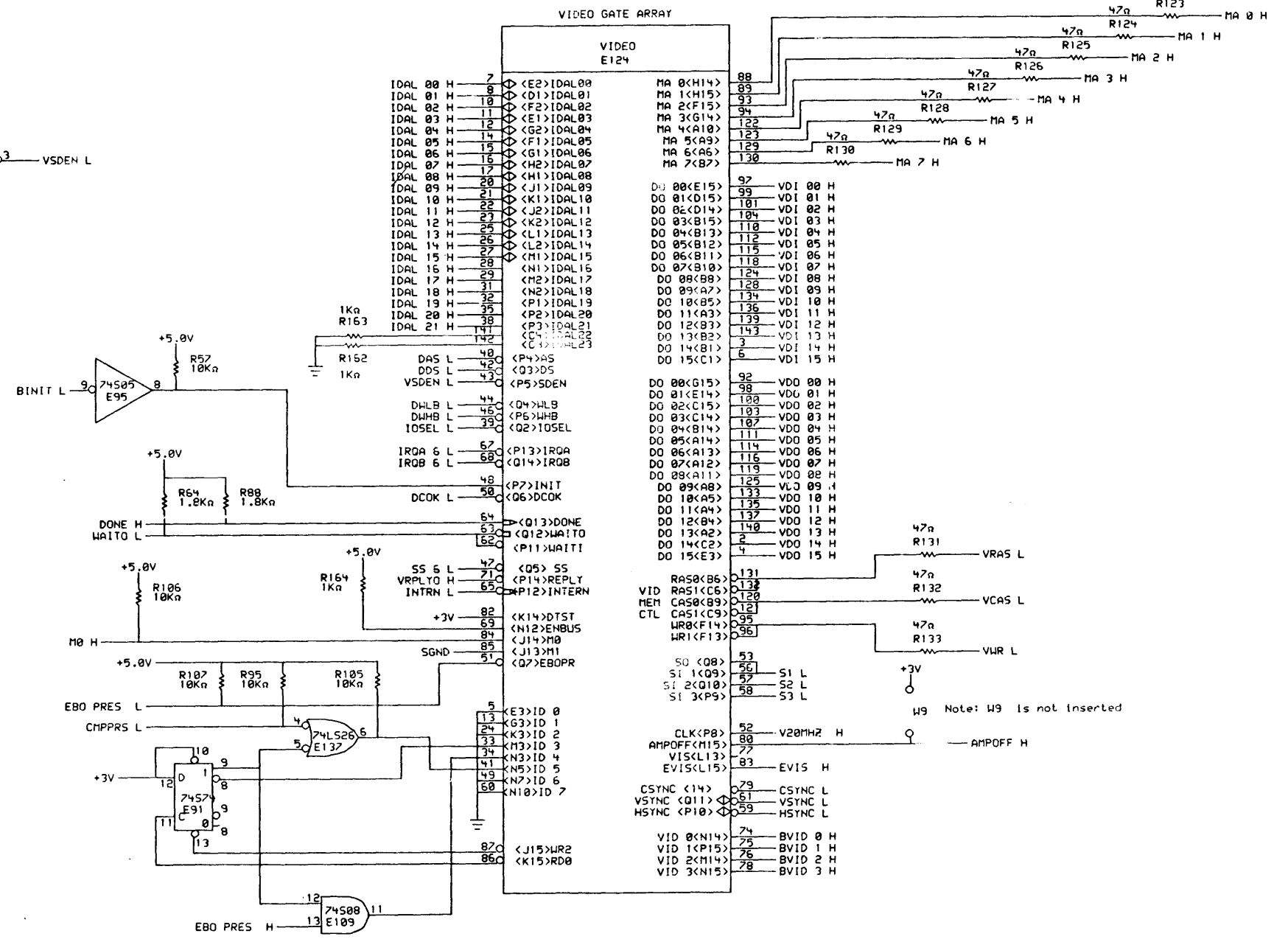
REVISIONS	
CHK	CHANGE NO. REV.

DRN.	Dr. Badurtha	DATE	08-MAY-84	ENG.	J. Ferguson	DATE	08-MAY-84
CHK'D.		DATE		BOARD LOCATION:			
DSK:	JF08.DRW	08-MAY-84 16:56	NEXT HIGHER ASSEMBLY:	PC380			
FIRST USED ON OPTION/MODEL:	KDJ11-C						

TITLE: PC380 SYSTEM MODULE			
SIZE	CODE	NUMBER	REV.
K	CS	5416237-01	A

REV. A  
 NUMBER 15416237-01  
 SIZE K CS B A

EBO CONN J2	
+5.0V	1 2
BRPLY L	3 4
IDAL 00 H	5 6
IDAL 02 H	7 8
IDAL 04 H	9 10
IDAL 06 H	11 12
GND	13 14
IDAL 08 H	15 16
IDAL 10 H	17 18
IDAL 12 H	19 20
IDAL 14 H	21 22
BVID 0 H	23 24
IDAL 16 H	25 26
IDAL 18 H	27 28
IDAL 20 H	29 30
IOSEL L	31 32
GND	33 34
DDS	35 36
DWLBV	37 38
SS 6 L	39 40
DCOK L	41 42
BVID 2 H	43 44
V20MHZ H	45 46
S2 L	47 48
HSYNC L	49 50
WAIT0 L	51 52
GND	53 54
GVID 0 H	55 56
GVID 2 H	57 58
RVID 0 H	59 60
RVID 2 H	61 62
+5.0V	63 64



VIDEO E124	VIDEO E124	VIDEO E124
MA 0<H14>	88	VDI 00 H
MA 1<H15>	89	VDI 01 H
MA 2<F15>	90	VDI 02 H
MA 3<G14>	91	VDI 03 H
MA 4<A10>	92	VDI 04 H
MA 5<A9>	93	VDI 05 H
MA 6<A6>	94	VDI 06 H
MA 7<B7>	95	VDI 07 H
DO 00<E15>	96	VDI 08 H
DO 01<D15>	97	VDI 09 H
DO 02<D14>	98	VDI 10 H
DO 03<B15>	99	VDI 11 H
DO 04<B13>	100	VDI 12 H
DO 05<B12>	101	VDI 13 H
DO 06<B11>	102	VDI 14 H
DO 07<B10>	103	VDI 15 H
DO 08<B8>	104	VDO 00 H
DO 09<A7>	105	VDO 01 H
DO 10<B5>	106	VDO 02 H
DO 11<A3>	107	VDO 03 H
DO 12<B3>	108	VDO 04 H
DO 13<B2>	109	VDO 05 H
DO 14<B1>	110	VDO 06 H
DO 15<C1>	111	VDO 07 H
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DO 02<C15>	114	VDO 10 H
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DO 11<A4>	123	
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DO 13<A2>	125	
DO 14<C2>	126	
DO 15<E3>	127	
RAS0<B6>	128	
VID RAS1<C6>	129	
MEM CAS0<B9>	130	
CTL CAS1<C9>	131	
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WR1<F13>	133	
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S1<Q9>	135	
S2<Q10>	136	
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AMPOFF<M15>	139	
VIS<L13>	140	
EVIS<L15>	141	
C5YN<I14>	142	
V5YN<Q11>	143	
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VID 3<N15>	148	

FERGLSON, USRA<FERGLSON>JF89.DPL.5, SCALE 2, "D" RELEASE BOX, SIGNED OFF  
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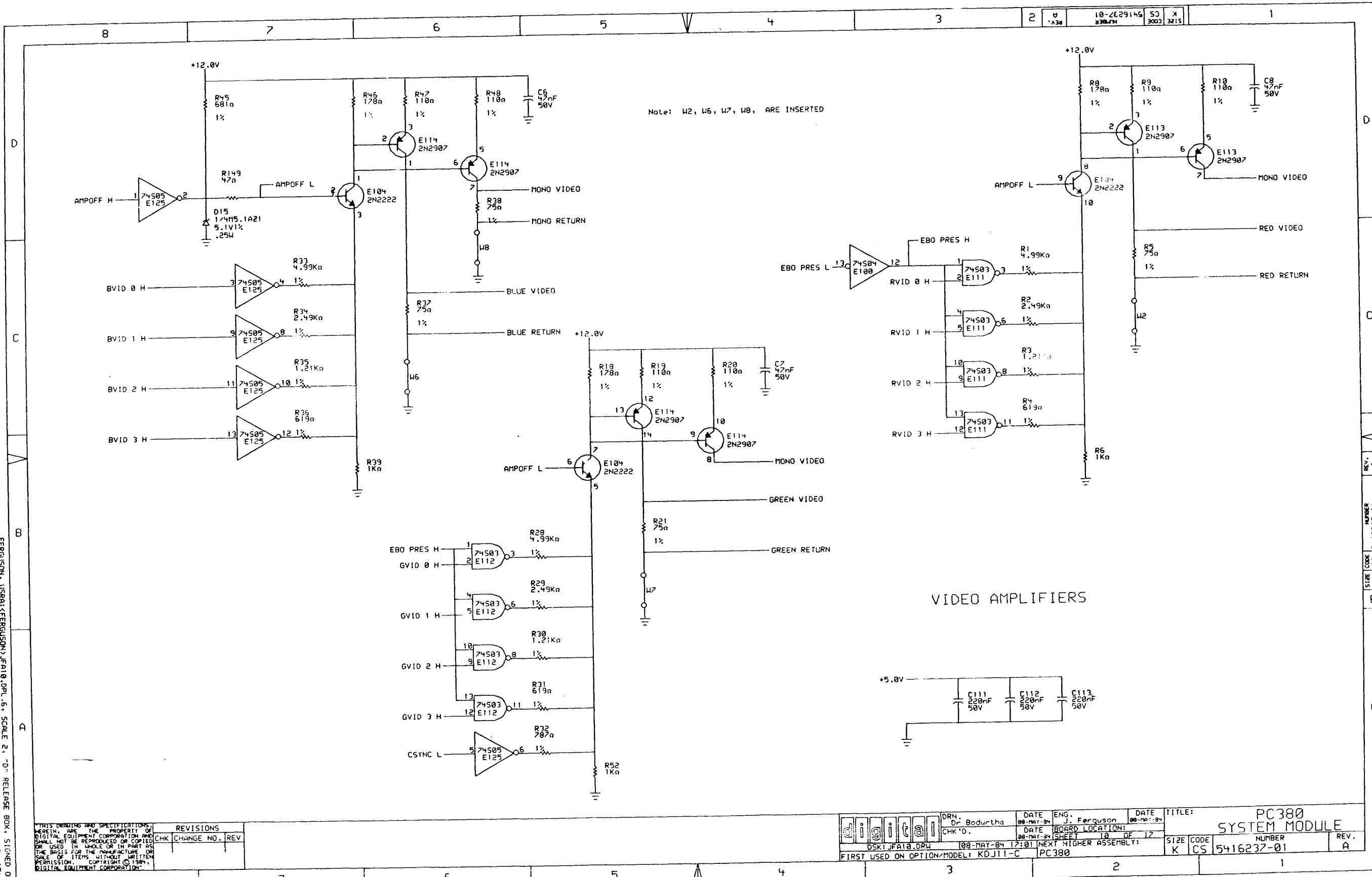
REVISIONS		
CHK	CHANGE NO.	REV

	DRN. Dr. Bodurtha	DATE 08-MAY-84	ENG. J. Ferguson	DATE 08-MAY-84	TITLE: PC380 SYSTEM MODULE
	CHK'D.	DATE 08-MAY-84	BOARD LOCATION: SHEET 9 OF 12	DATE 08-MAY-84	SIZE CODE K CS
DSK: JFAS. DRH		08-MAY-84 16:57	NEXT HIGHER ASSEMBLY: PC380	NUMBER 5416237-01	REV. A
FIRST USED ON OPTION/MODEL: KDJ11-C					

REV. A  
 SIZE CODE K CS 5416237-01

Note: W9 is not inserted

FERGUSON, USRA:FERGUSON/JFA18.DPL.6, SCALE 2: "D" RELEASE BOX, SIGNED OFF  
 FERGUSON JFA18.PLOT.4, 25] 08-MAY-84 17:16



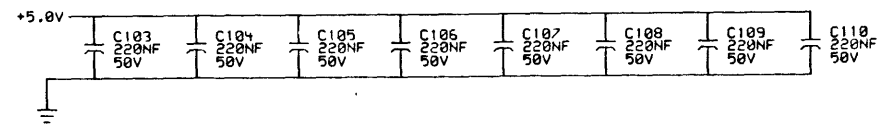
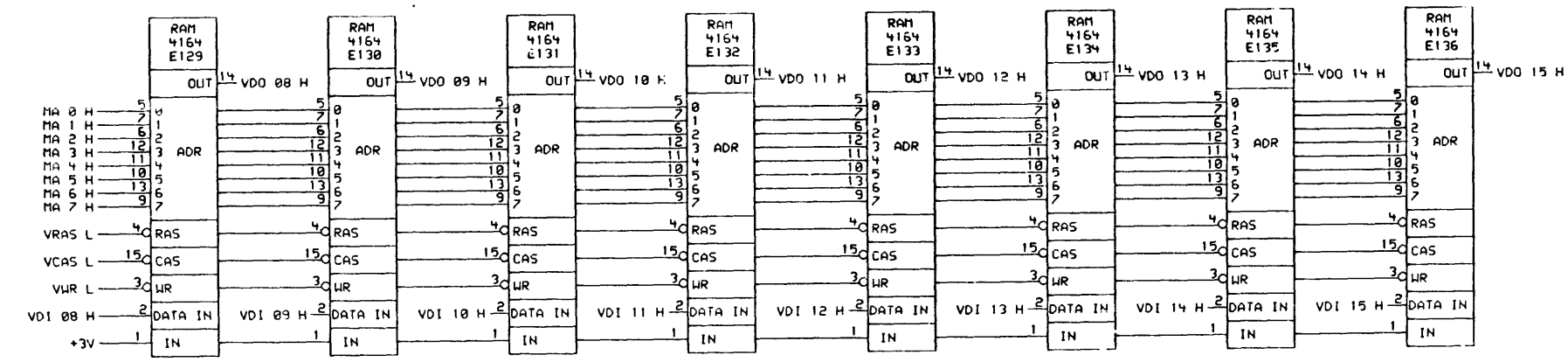
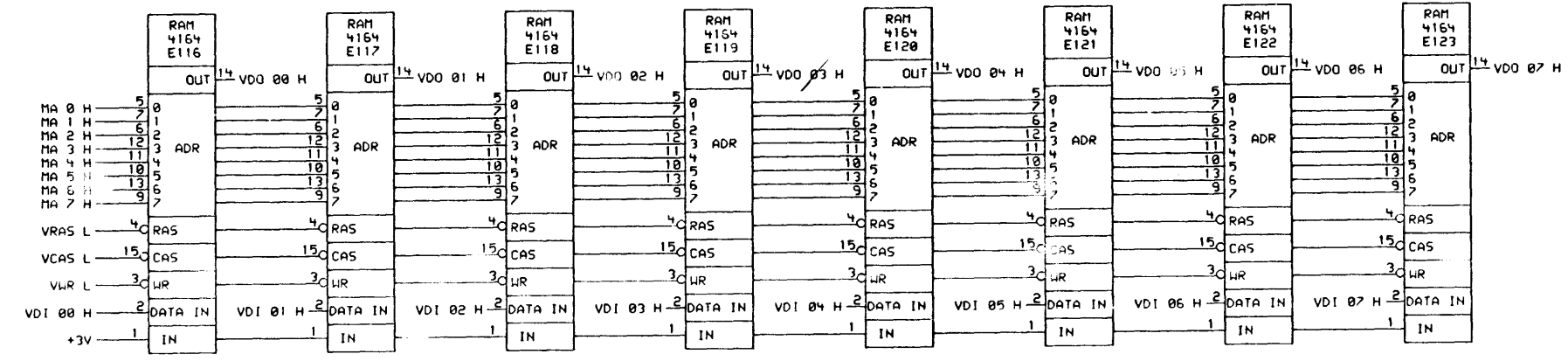
Note: W2, W6, W7, W8, ARE INSERTED

VIDEO AMPLIFIERS

REVISIONS	
CHK	CHANGE NO. REV.

	DRN. Dr. Bodurtha	DATE 08-MAY-84	ENG. J. Ferguson	DATE 08-MAY-84	TITLE: PC380 SYSTEM MODULE
	CHK'D.	DATE 08-MAY-84	BOARD LOCATION: SHEET 18 OF 12	SIZE CODE K CS	NUMBER 5416237-01
DSK: JFA18.DRW 08-MAY-84 17:01 NEXT HIGHER ASSEMBLY: PC380			FIRST USED ON OPTION/MODEL: KDJ11-C		REV. A

VIDEO MEMORY  
 64K DRAMS



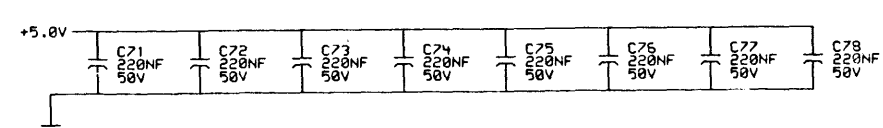
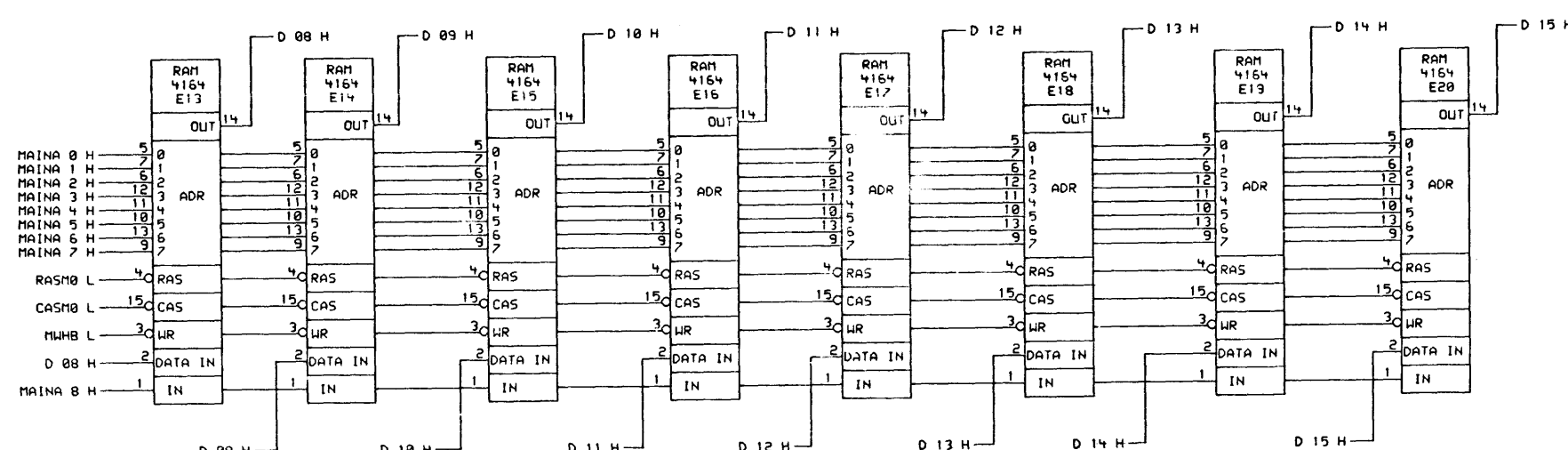
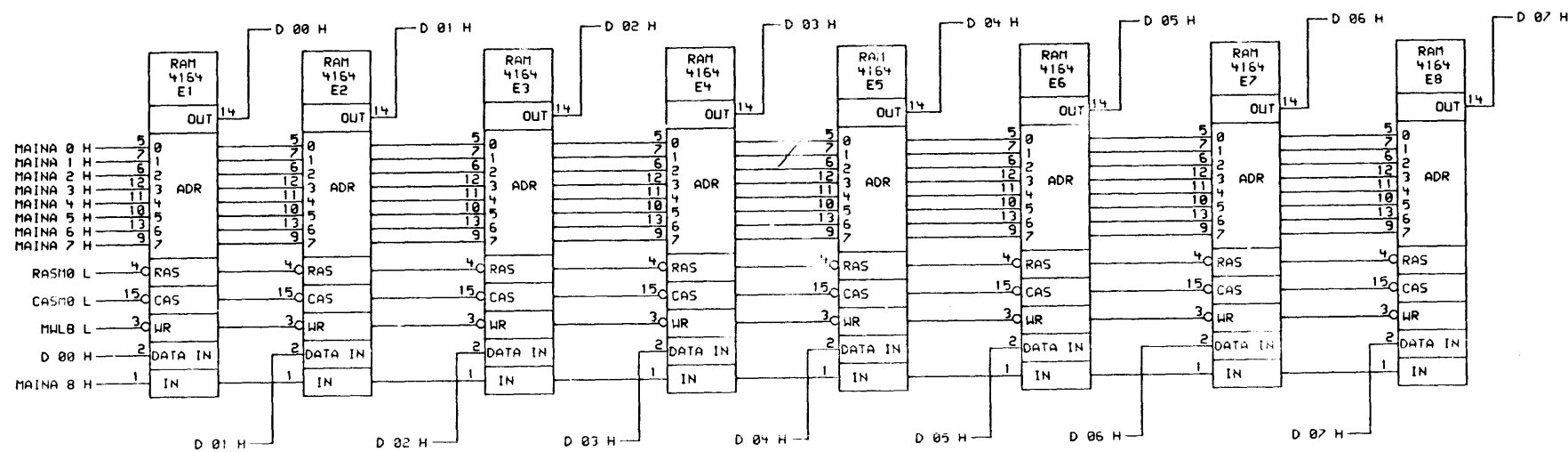
FERUGSON, USRAI<FERUGSON>JFA11, DR L 5, SCALE 2, "D" RELEASE BOX, SIGNED OFF  
 FERUGSON JFA11, PLOT 4, 251 08-NOV-84 17:36

REV. A  
 NUMBER 5416237-01  
 SIZE CODE K CS

REVISIONS		
CHK	CHANGE NO.	REV

	DRN. Dr. Badurtha	DATE 88-MAY-84	ENG. J. Ferguson	DATE 88-MAY-84	TITLE: PC380
	CHK'D.	DATE 88-MAY-84	BOARD LOCATIONS: SHEET 11 OF 17	SIZE CODE K CS	NUMBER 5416237-01
DSX: JFA11, DRH 88-MAY-84 17:36			NEXT HIGHER ASSEMBLY: PC380		REV. A
FIRST USED ON OPTION/MODEL: KDJ11-C					

MAIN MEMORY  
BANK 0

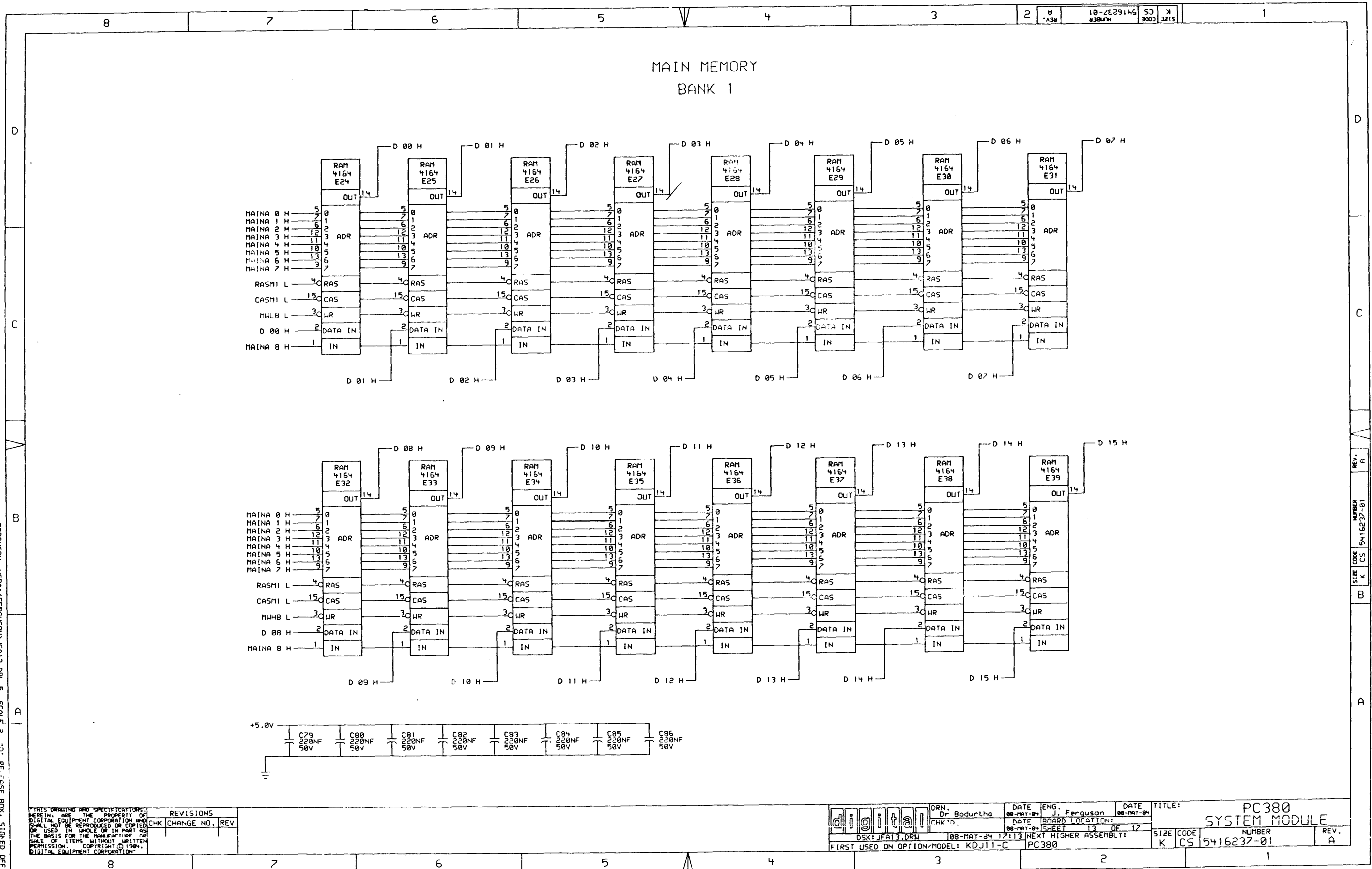


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REVISIONS	
CHK	CHANGE NO. REV

	DRN. Dr. Bodurtha	DATE 08-MAY-84	ENG. J. Ferguson	DATE 08-MAY-84	TITLE: PC380 SYSTEM MODULE
	CHK'D.	DATE 08-MAY-84	BOARD LOCATION: 12	SHEET 12 OF 17	SIZE CODE NUMBER REV. K CS 5416237-01 A
OSK: JFA12.0RH		08-MAY-84 12:08	NEXT HIGHER ASSEMBLY: PC380		
FIRST USED ON OPTION MODEL: KDJ11-C					

FERUGSON, USRA<FERUGSON>JFA12.DPL.5, SCALE 2, "C" RELEASE BOX, STIGNED OFF  
 FERUGSON JFA12.PLOT 4 (25) 08-MAY-84 12:36



FERGUSON, USRA<FERGUSON>JFA13.DPL 5, SCALE 2, "C" RELEASE BOX, SIGNED OFF  
 FERGUSON JFA13.PLOT 4, 251 08-MAY-84 17:37

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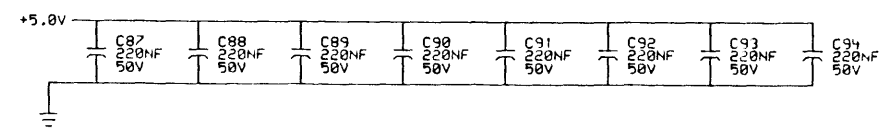
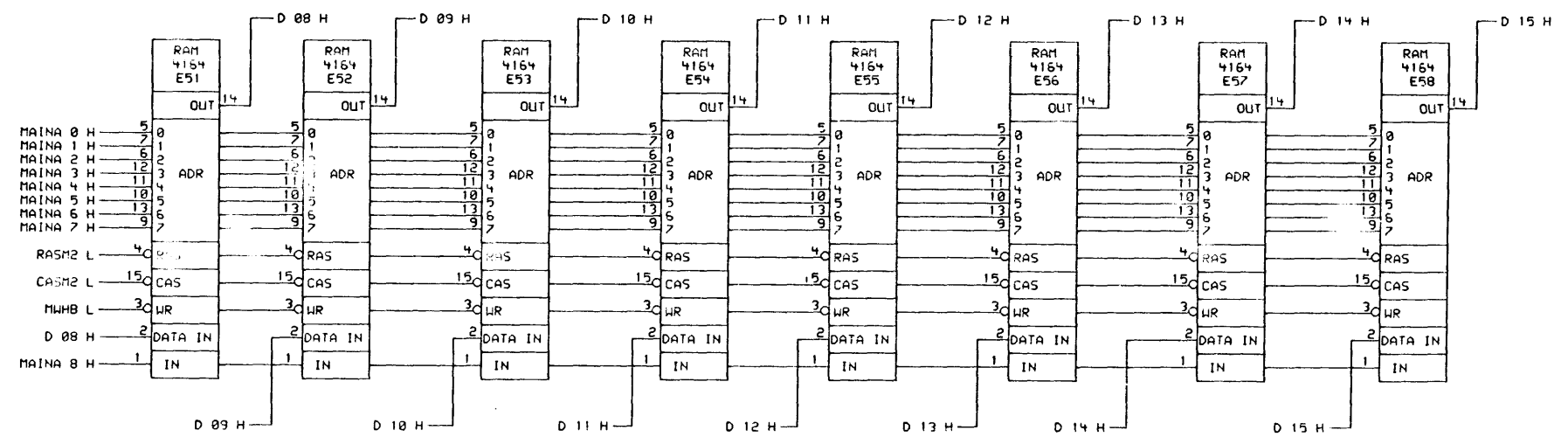
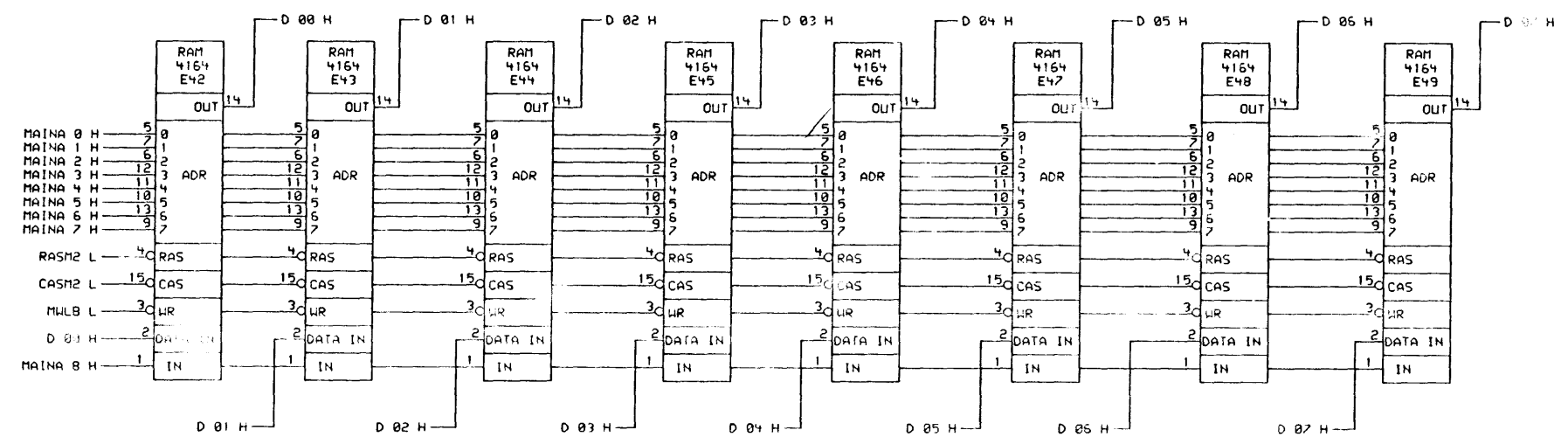
REVISIONS	
CHK	CHANGE NO. REV

	DRN. Dr. Bodurtha	DATE 08-MAY-84	ENG. J. Ferguson	DATE 08-MAY-84	TITLE: PC380 SYSTEM MODULE
	CHK'D.	DATE 08-MAY-84	BOARD LOCATION: 13	SHEET 13 OF 17	SIZE CODE K CS 5416237-01
DSK: JFA13.DRW 08-MAY-84 17:13 FIRST USED ON OPTION MODEL: KDJ11-C PC380			NEXT HIGHER ASSEMBLY:		NUMBER REV. A

8 7 6 5 4 3 2 1

10-2329145 SC X  
 SIZE CODE NUMBER 300 321

MAIN MEMORY  
 BANK 2



REV. A  
 SIZE CODE NUMBER 300 321  
 K CS 5416237-01

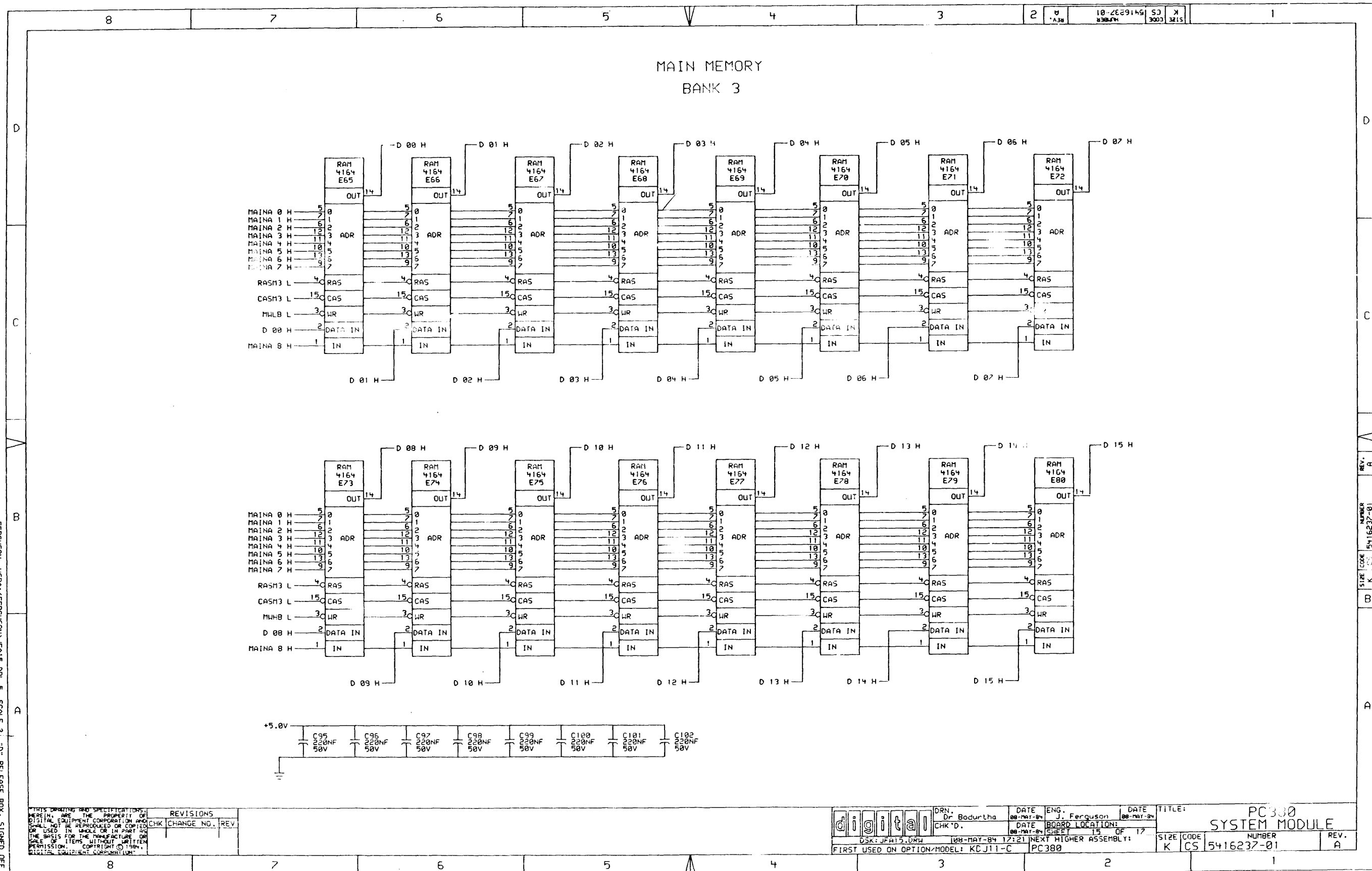
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CHK	CHANGE NO.	REV.

digital	DRN. Dr. Bodurtha	DATE 88-MAY-84	ENG. Ferguson	DATE 88-MAY-84	TITLE: PC380
	CHK'D.	DATE 88-MAY-84	BOARD LOCATION: SHEET 14 OF 17		SYSTEM MODULE
OSK: JFAT4.DM4		108-MAY-84 17:16	NEXT HIGHER ASSEMBLY: PC380	SIZE CODE K CS	NUMBER 5416237-01
FIRST USED ON OPTION/MODEL: KDJ11-C					REV. A

FERGUSON, USRAI<FERGUSON>JFAT4.DP: 5, SCALE 2, "D" RELEASE BOX, STANDED OFF  
 FERGUSON JFAT4.PLO4.251 08-MAY-84 17:37

8 7 6 5 4 3 2 1



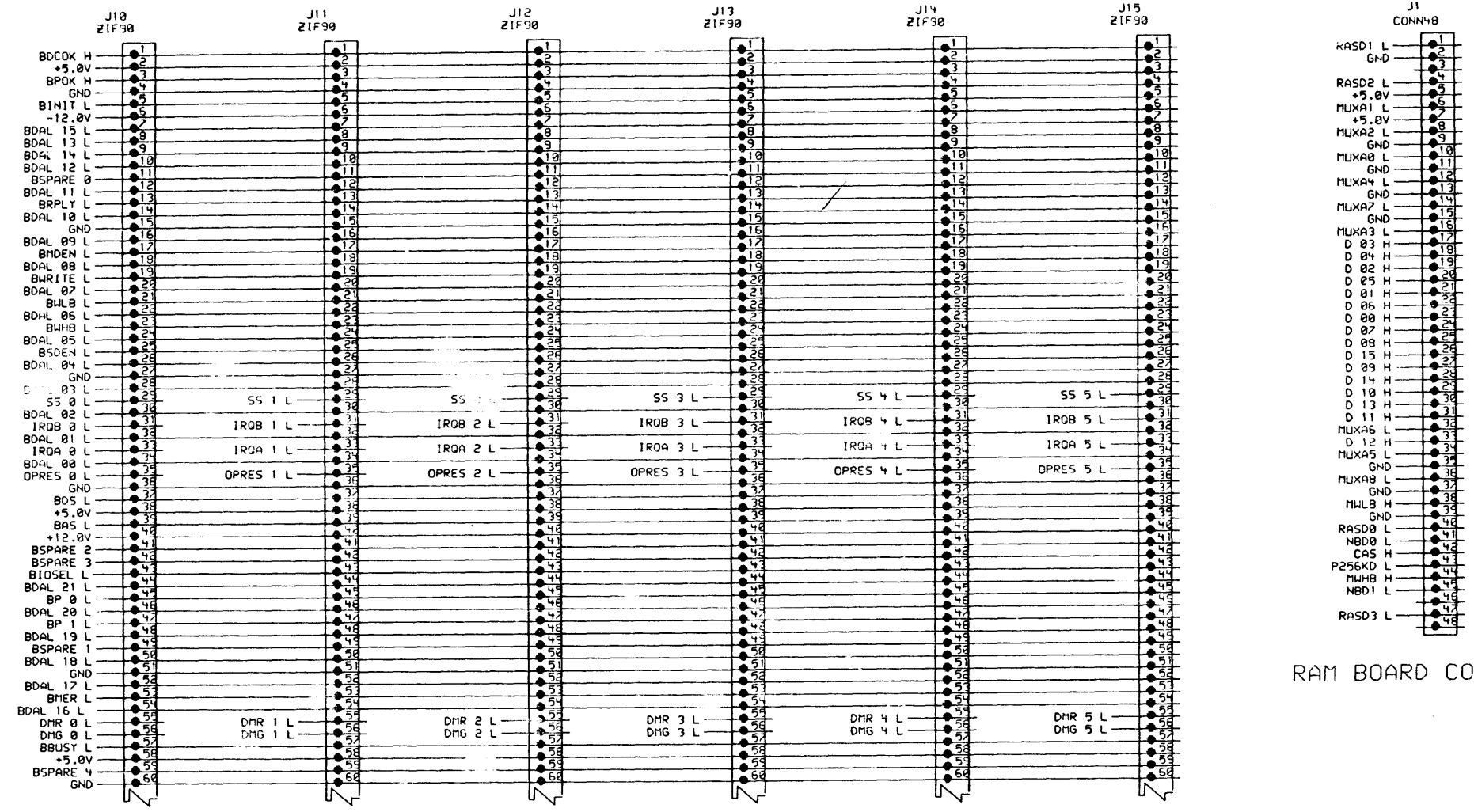
FERGUSON, USRA:FERGUSON>JFA15.DPL.5, SCALE 2:1, "D" RELEASE BOX, SIGNED OFF  
 FERGUSON JFA15.PLOT4.25 J 08-MAY-84 17:38

REVISIONS		
CHK	CHANGE NO.	REV

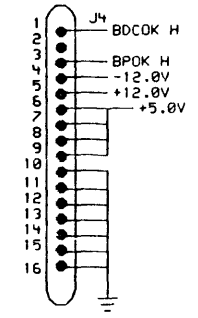
<b>digital</b>	DRN. Dr. Badurtha	DATE 08-MAY-84	ENG. J. Ferguson	DATE 08-MAY-84	TITLE: PC380 SYSTEM MODULE
	CHK'D.	DATE 08-MAY-84	BOARD LOCATION: SHEET 15 OF 17	DATE 08-MAY-84	SIZE CODE K CS NUMBER 5416237-01 REV. A
DSK: JFA15.DRW 108-MAY-84 17:21 NEXT HIGHER ASSEMBLY: PC380					FIRST USED ON OPTION/MODEL: KCJ11-C

REV. A  
 NUMBER 5416237-01  
 SIZE CODE K  
 B  
 A

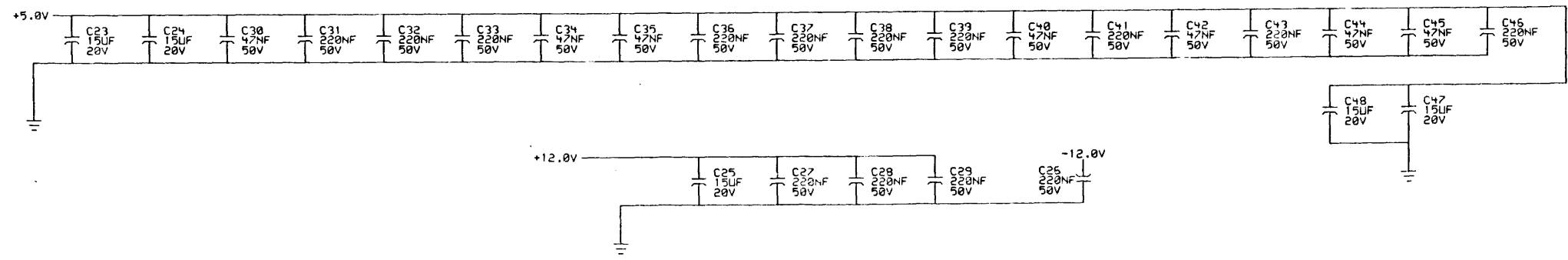
CT BACKPLANE CONNECTORS



RAM BOARD CONNECTOR



DC POWER CONN



FERGUSON, USRA; FERGUSON, JF116, DPL 5, SCALE 2, "C" RELEASE BOX, SIGNED OFF  
 FERGUSON, JF116, PLOT 4, 253 88-MAY-84 17:38

REVISIONS	
CHK	CHANGE NO. REV.

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DATE: 08-MAY-84  
 ENG: J. Ferguson  
 DRN: Dr. Bodurtha  
 CHK'D: [Signature]

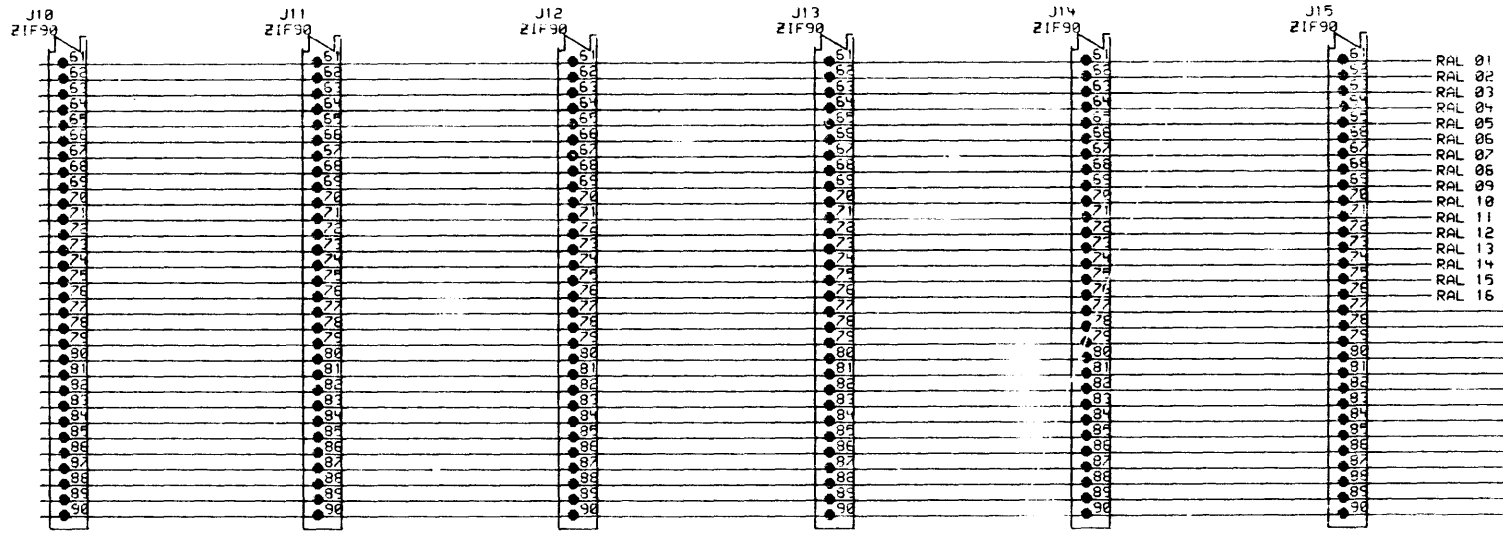
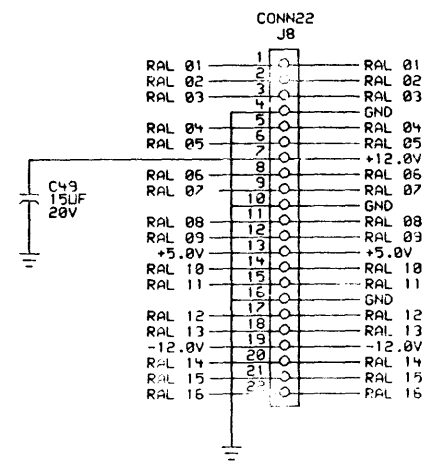
DATE: 08-MAY-84  
 BOARD LOCATION: [Blank]  
 SHEET: 15 OF 17

DATE: 08-MAY-84 17:26  
 NEXT HIGHER ASSEMBLY: PC380

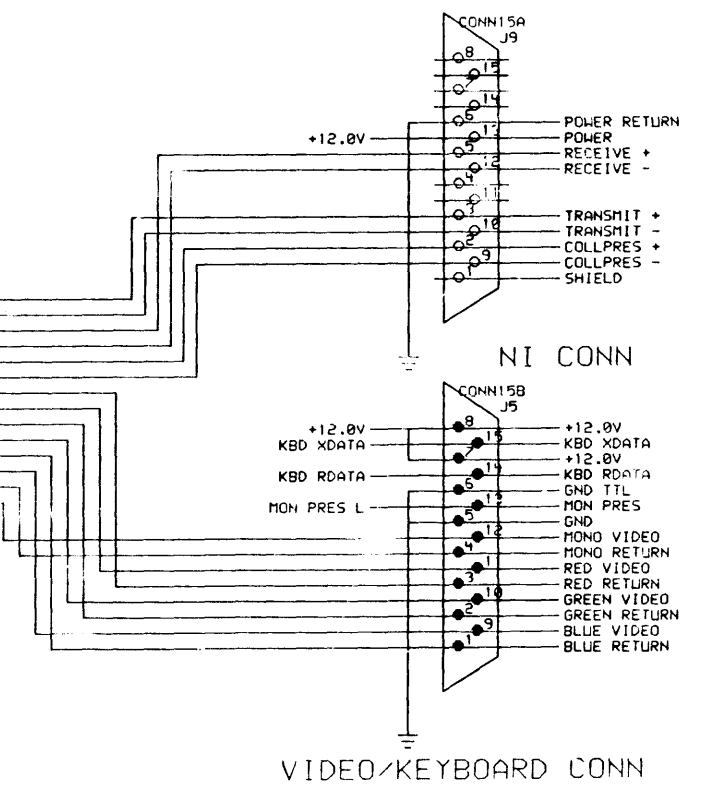
DATE: 08-MAY-84  
 FIRST USED ON OPTION/MODEL: KDJ11-C

TITLE: PC380 SYSTEM MODULE	
SIZE CODE: K CS	NUMBER: 5416237-01
REV. A	

REMOTE ACCESS CONN



CT BACKPLANE CONNECTORS



VIDEO/KEYBOARD CONN

FERGUSON, USRA:FERGUSON\JF17.DPL 5, SCALE 2, "D" RELEASE BOX, SIGNED JFF  
 FERGUSON JF17.PLOT(4,25) 08-MAY-84 17:38

REVISIONS			
CHK	CHANGE NO.	REV	

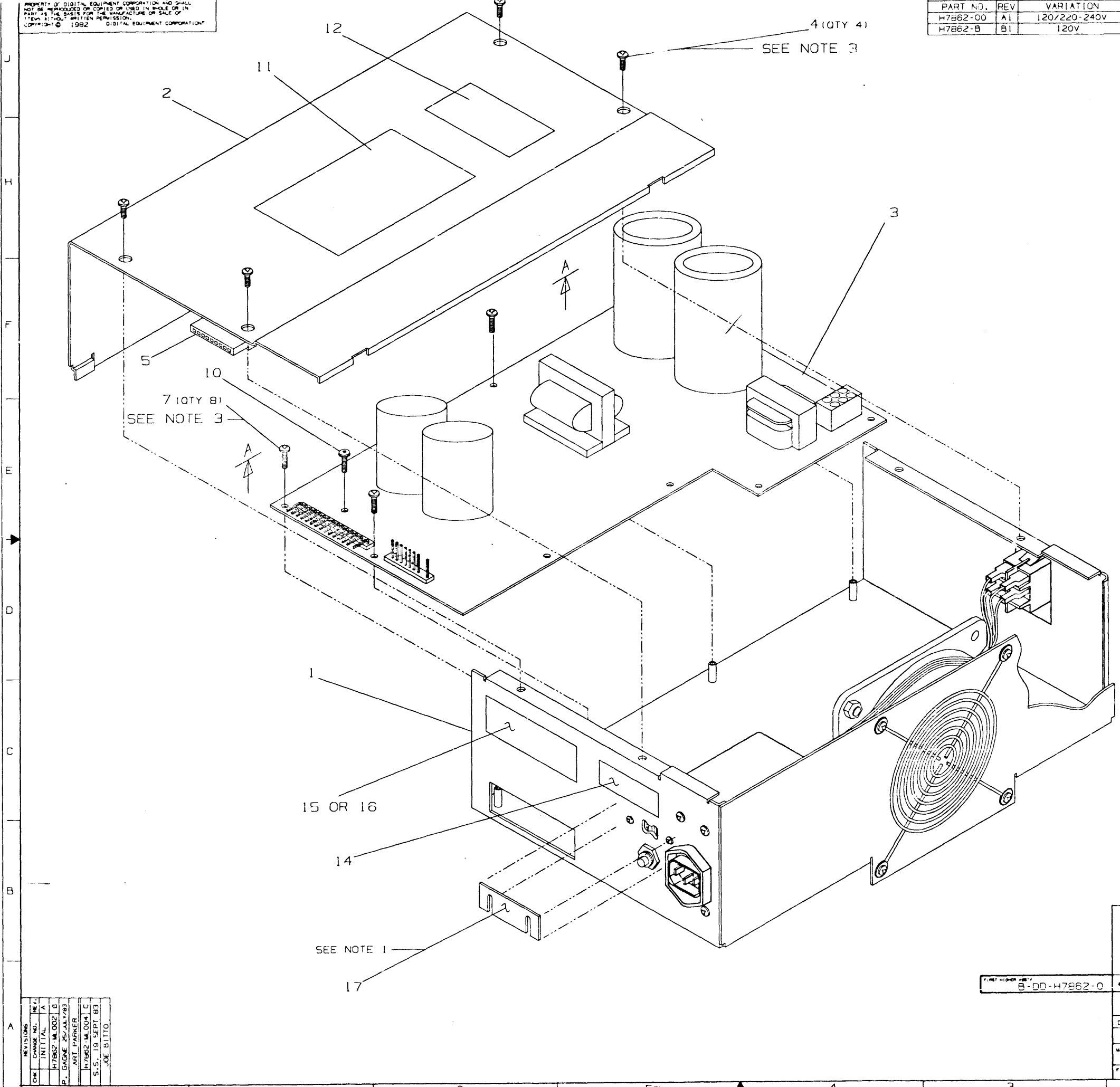
	DRN. Dr. Badurtha	DATE 08-MAR-84	ENG. J. Ferguson	DATE 08-MAR-84	TITLE: PC380 SYSTEM MODULE
	CHK'D.	DATE 08-MAR-84	BOARD LOCATION: SHEET 17 OF 17	DATE 08-MAR-84	SIZE CODE K CS
DSK: JF17.DRW		08-MAY-84 17:29	NEXT HIGHER ASSEMBLY: PC380	NUMBER 5416237-01	REV. A
FIRST USED ON OPTION/MODEL: KDJ11-C					



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LEGEND		
PART NO.	REV.	VARIATION
H7862-00	A1	120/220-240V
H7862-B	B1	120V

- NOTES:**
1. PRIOR TO ASSY ITEM 171, ENSURE THAT THE VOLTAGE IS SET TO 115V POSITION. LOOSEN SCREWS APPROXIMATELY .125 INCHES. INSERT SWITCH COVER PLATE BETWEEN MOUNTING SCREWS AND POWER SUPPLY CHASSIS PRELOAD SWITCH COVER PLATE BY INSERTING SCREWDRIVER IN THE PLATE CAVITY AND FORCING IT BACK AGAINST THE SCREW HEADS. USING A TORQUE SCREWDRIVER, TIGHTEN THE SCREWS UNTIL  $4.5 \pm .5$  IN LBS. OF TORQUE HAS BEEN APPLIED.
  2. REPLACE EXISTING LABEL-ITEM 15- (3620122-01) WITH 120V LABEL-ITEM 16- (3620122-03).
  3. ASSEMBLY HARDWARE TO BE TIGHTENED TO 7-9 INCH POUNDS.



LAYER #4 = FORMAT SHEET 2  
 LAYER #3 = WORK SHEET 2  
 LAYER #2 = FORMAT SHEET 1  
 LAYER #1 = WORK SHEET 1

PLOT AT 1.00

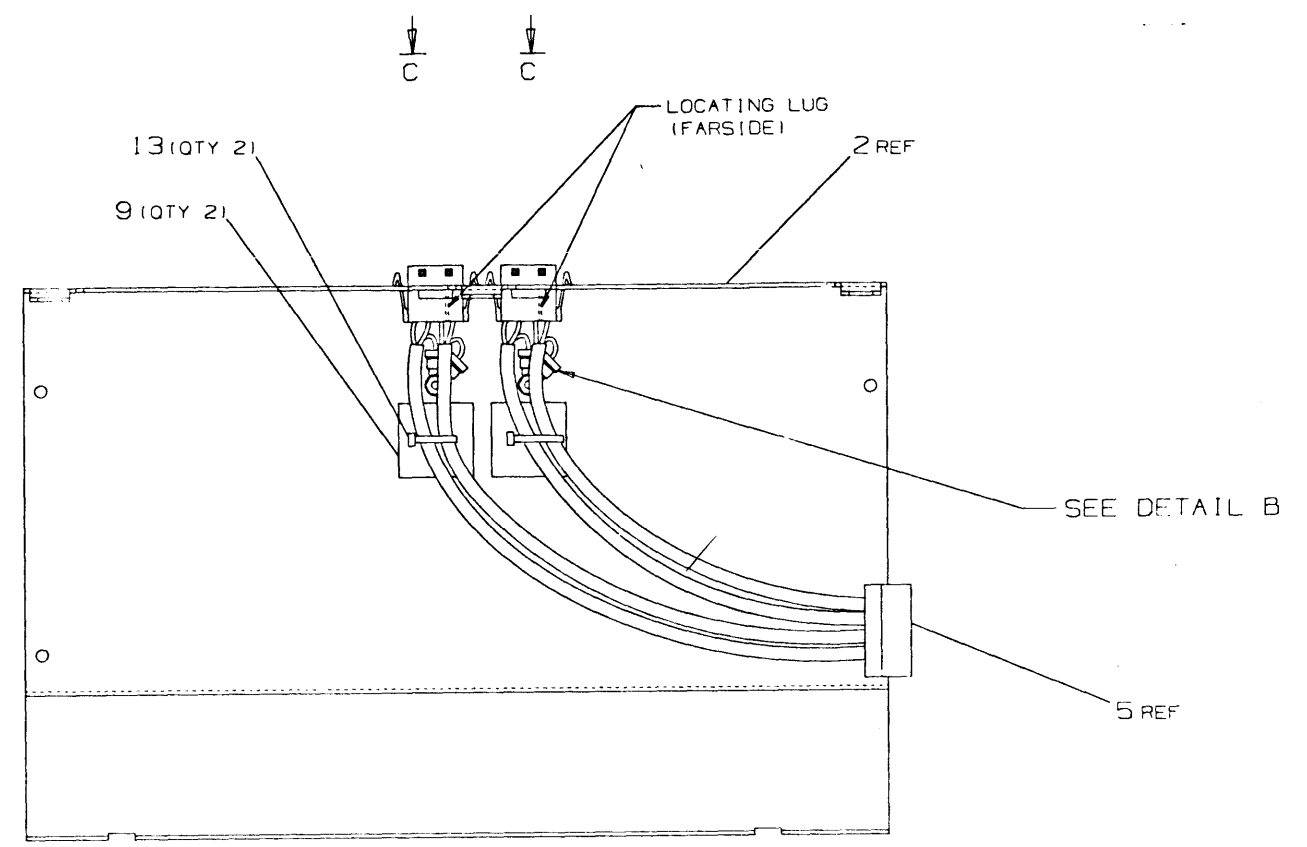
CAUTION: OFF SHEET PARTS LIST  
 SEE K-PL-H7862-0-DBP  
 (22799)

REV.	CHANGE NO.	INITIAL	DATE
1	A		
2	B		
3	C		
4	D		
5	E		
6	F		
7	G		
8	H		

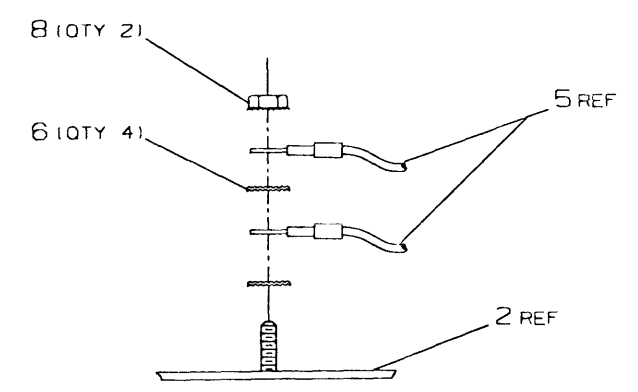
DESCRIPTION	H7862 POWER SUPPLY
DRAWING NO.	B-DD-H7862-0
PART NO.	B-DD-H7862-0
DATE	20NOV81
DESIGNED BY	P. FAVINI
CHECKED BY	F. HALLIDAY
DATE	13JUL82
REVISION	R. V. WHITE
DATE	13JUL82
REVISION	R. V. WHITE
DATE	13JUL82
REVISION	L. RIPPSTEIN
DATE	13JUL82
REVISION	B-DD-H7862-0
DATE	
FINISH	NONE
SCALE	1/1
SHEET	2 OF 2

C  
I  
EUA/H7862-0-DBU  
C  
L  
M  
E  
D  
C  
B  
A

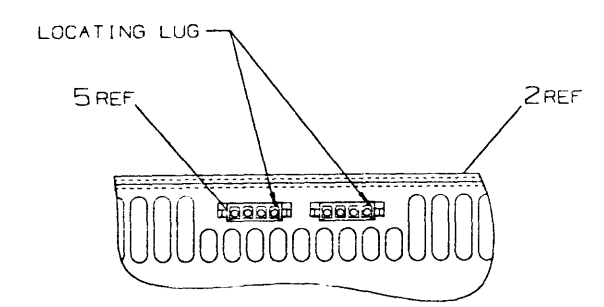
J  
H  
F  
E  
D  
C  
C  
A



VIEW A-A  
SCALE: 1/1



DETAIL B  
SCALE: NONE  
2 PLACES



VIEW C-C  
SCALE: NONE

REVISION HISTORY		
DATE	ECO HISTORY	REV

TITLE		DOCUMENT NUMBER	
H7862 POWER SUPPLY		EUA/H7862-0-DBU C	
SCALE 1/1	SHEET 2 OF 2	ML1	

8 7 6 5 4 3 2 1 ML1

AUTOMATED BY: PRT-ST-SP(44)

PARTS LIST

SHEET 01 OF 01

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY	PER VARIATION
					00	B
1	1	E-AD-7018970-0-DBU	7018970-00	CHASSIS ASSY.	1	1
2	2	E-MD-7426214-0-DBU	7426214-00	COVER	1	1
3	3	E-UA-5415086-0-0	5415086-00	H7862 CIRCUIT BOARD	1	1
4	4		9000049-35	SCREW,SEMS PAN PHIL THD RL 6-	4	4
5	5	D-IA-7019731-0-DBU	7019731-0L	CABLE ASSY, DC OUTPUT	1	1
6	6		9007649-00	WASHER, LOCK EXTERNAL STEEL	4	4
7	7		9000049-36	SCREW,SEMS PAN PHIL THD RL 6-	8	8
8	8		9008185-00	NUT, HEX EXT TOOTH LCKWSHR 6-32	2	2
9	9		9008264-00	MOUNT, CABLE TIE, ADHESIVE BACKE	2	2
10	10		9010245-01	SCREW, WASH PAN 6-	1	1
11	11	A-PS-3616930-0-0	3616930-00	LABEL, DANGER STORED HIGH VOLTAGE	1	1
12	12	A-PS-3620124-0-0	3620124-01	LABEL, CAUTION NO USER SERVICEABL	1	1
13	13		9007031-00	TIE, CABLE BUNDL D 0- 3/4"=101	2	2
14	14		3616157-00	LABEL, CORRECT VOLTAGE SETTING, CA	1	1
15	15		3620122-01	LABEL, ELEC. RATINGS F/H7862 P.S.	1	1
16	16		3620122-03	LABEL, ELEC. RATINGS H7862B	1	1
17	17	E-MD-7426932-0-0	7426932-01	PLATE, COVER, VOLTAGE SWITCH	1	1

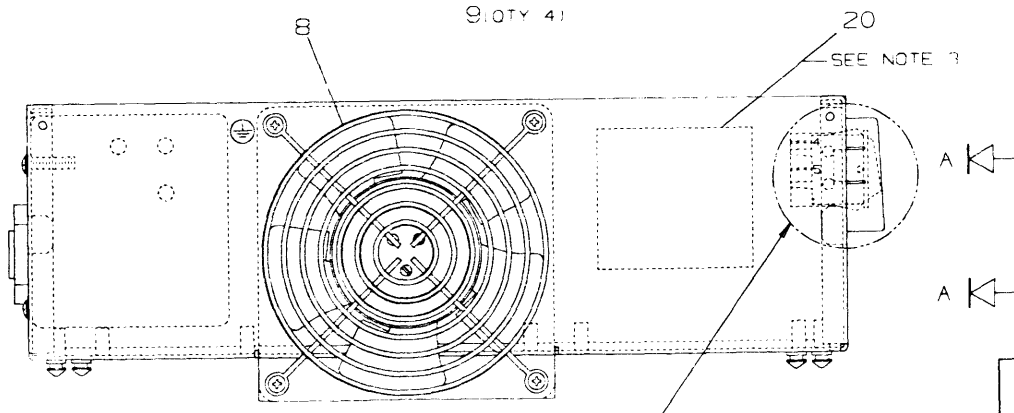
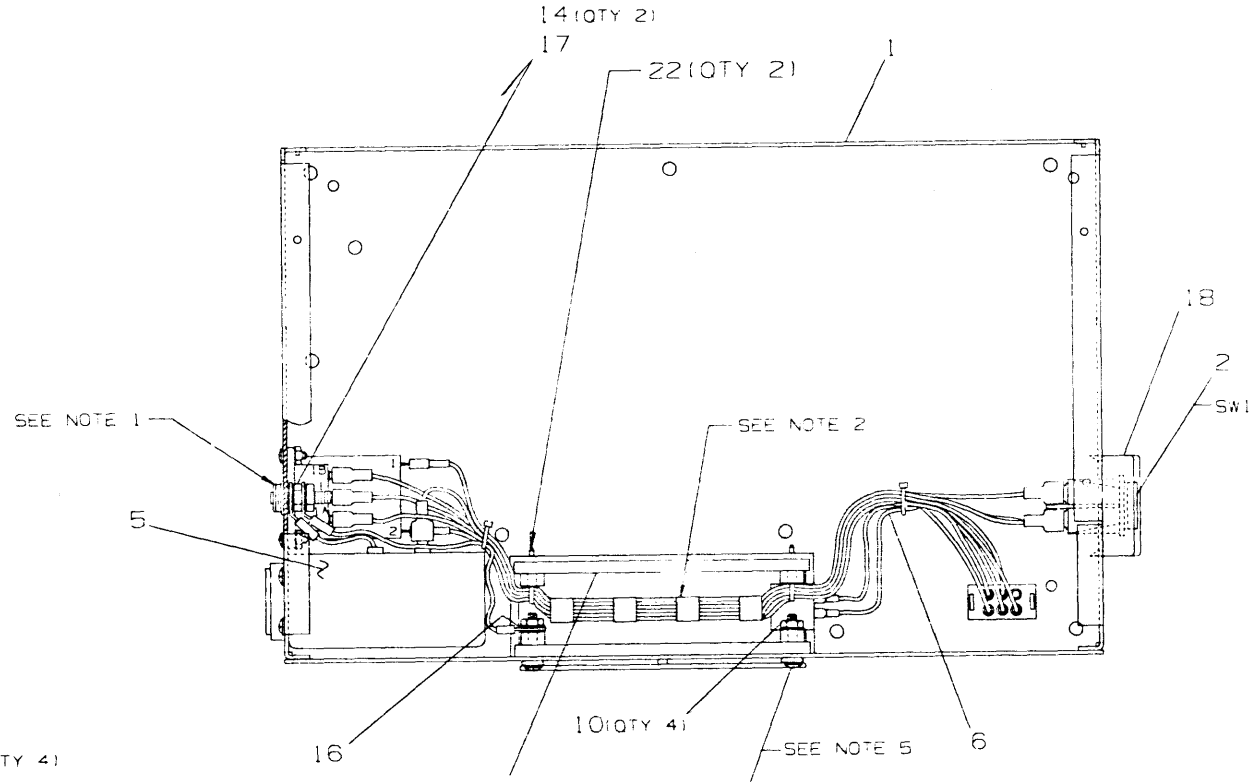
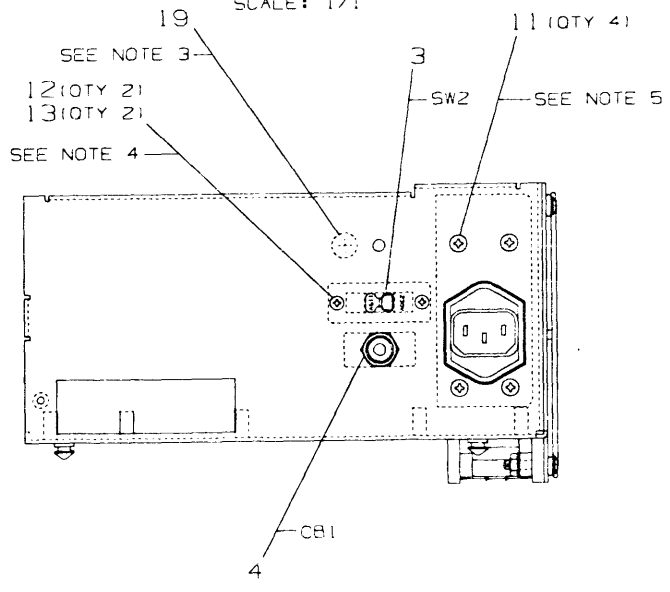
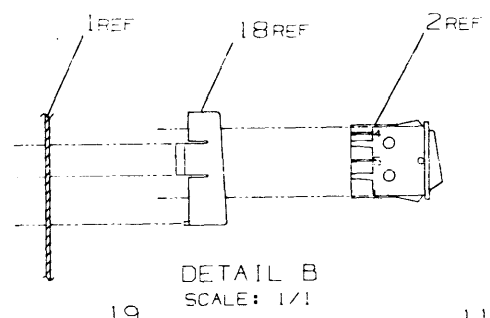
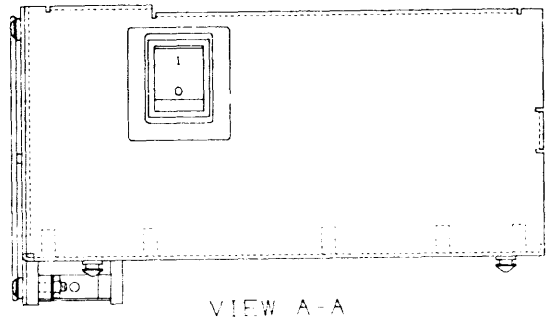
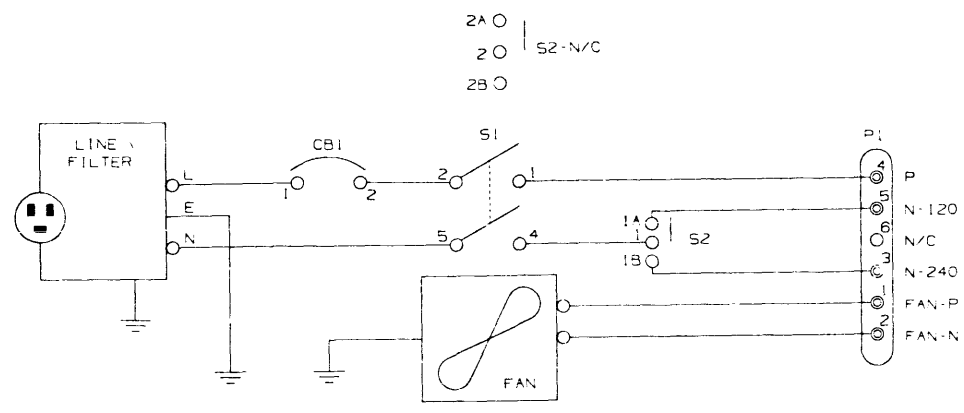
REVISION HISTORY			BASIC PART NO: H7862	DRN: PETE FAVINI	DATE: 15-JUL-81	D I G I T A L		
ENG:	ECO NUMBER	REV	SECTION: A OF A	CHK'D: F. HALLIDAY	DATE: 13-JUL-82	TITLE: PARTS LIST		
	INITIAL	A	SECTION: VARIATION INDEX	DES. ENG.: ROBERT V. WHITE	DATE: 13-JUL-82	DOCUMENT NUMBER		
AP	H7862-ML002	B	[A] 00,B	RESP. ENG.: ROBERT V. WHITE	DATE: 13-JUL-82	SIZE: CODE:	NUMBER	REV
JB	H7862-ML004	C	[B]	MFG. ENG.: LEE RIPPSTEN	DATE: 13-JUL-82	K	PL	H7862-0-DBP
			[C]	ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME:		EDIT #
			[D]	E-UA-H7862-0-DBU	E-UA-H7862-0-DBU	Z2799C.PLS		5
			[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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PART NO.	REV	VARIATION
7018970-00	A1	AS SHOWN

- LEGEND
- NOTES:
1. EXPOSE 0 THREADS MIN. 4 THREADS MAX.
  2. HARNESS MUST BE TAPED FLAT ACROSS FAN HOUSING. USE TIE WRAPS (ITEM 22) TO SECURE HARNESS AWAY FROM FAN MOUNTING HARDWARE (AS SHOWN).
  3. LABEL INSIDE SURFACE.
  4. TORQUE: 4-5 IN. LBS.
  5. TORQUE: 7-9 IN. LBS.

ITEM NO.	HARNESS TERM	CONNECTION	WITH	REMARKS
1		S1-4		
2		S1-5		
3		S1-2		
4		S1-1		
5		P1-5		
6		P1-4		
7		P1-1		
8		P1-2		
9		P1-3		
10		FAN-N		
11		FAN-P		
12		FAN-GND		
13		LF-PHASE		
14		LF-NEUT		
15		CB1-1		
16		CB1-2		
17		S2-1A		
18		S2-1		
19		S2-1B		
20		CHASSIS GND		



LAYER #2 : FORMAT  
 LAYER #1 : WORK

PLOT AT 1.00

CAUTION:  
 OFF SHEET PARTS LIST  
 SEE K-PL-7018970-0-DBP  
 (Z3204)

REV.	DATE	BY	CHKD.
A	7018970 M 001	S. CORNELL	
B	7018970 M 001	R. WHITE	
C	7018970 M 002	A. PARKER	
D	7018970 M 003	A. PARKER	

DESCRIPTION		DRAWING NO.		PART NO.		REV.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD 114)						
DIMENSION RANGE IN INCHES						
INCHES TOLERANCES	ANGLES	APPROXIMATE SURFACE FINISH	FINISH	OVER 12.0	OVER 12.0	OVER 12.0
0.0005 - 0.0010	±0.005	AS SHOWN	AS SHOWN	±0.005	±0.005	±0.005
QUANTITY & VARIATION		FIRST HIGH-RESOLUTION COPY				
THIRD ANGLE PROJECTION		DATE: 2/24/82				
DO NOT SCALE DRAWING		DATE: 2/24/82				
REMOVE BURRS AND BREAK SHARP CORNERS		DATE: 2/24/82				
MATERIAL SEE K-PL		DATE: 2/24/82				
FINISH NONE		DATE: 2/24/82				
E:UA-H7862-0-DBU		D:RAVINI		DATE: 2/24/82		TITLE
		D:W. HALLIDAY		DATE: 2/24/82		CHASSIS ASSY, H7862
		R:WHITE		DATE: 2/24/82		DOCUMENT NUMBER
		L:RIPPSTEIN		DATE: 2/24/82		E:AD-7018970-0-DBU C
		E:AD-7018970-0-DBU		DATE: 2/24/82		SCALE: 1/1

PARTS LIST

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION
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 2PDI 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	HARNES, 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 XL 6-3	4
10	10		9008185-00	NUT,HEX EXT TOOTH LCKWSHR 6-32	4
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	*** THIS ITEM IS NOT USED ***	-
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 *	2
20	20		3620123-01	LABEL,FUSE,BLK/YEL 4 LANGUAGES	1
21	21		3616157-00	*** THIS ITEM IS NOT USED ***	-
22	22		9007031-00	TIE,CABLE BUNGL,DIA 0- 3/4"=101	2

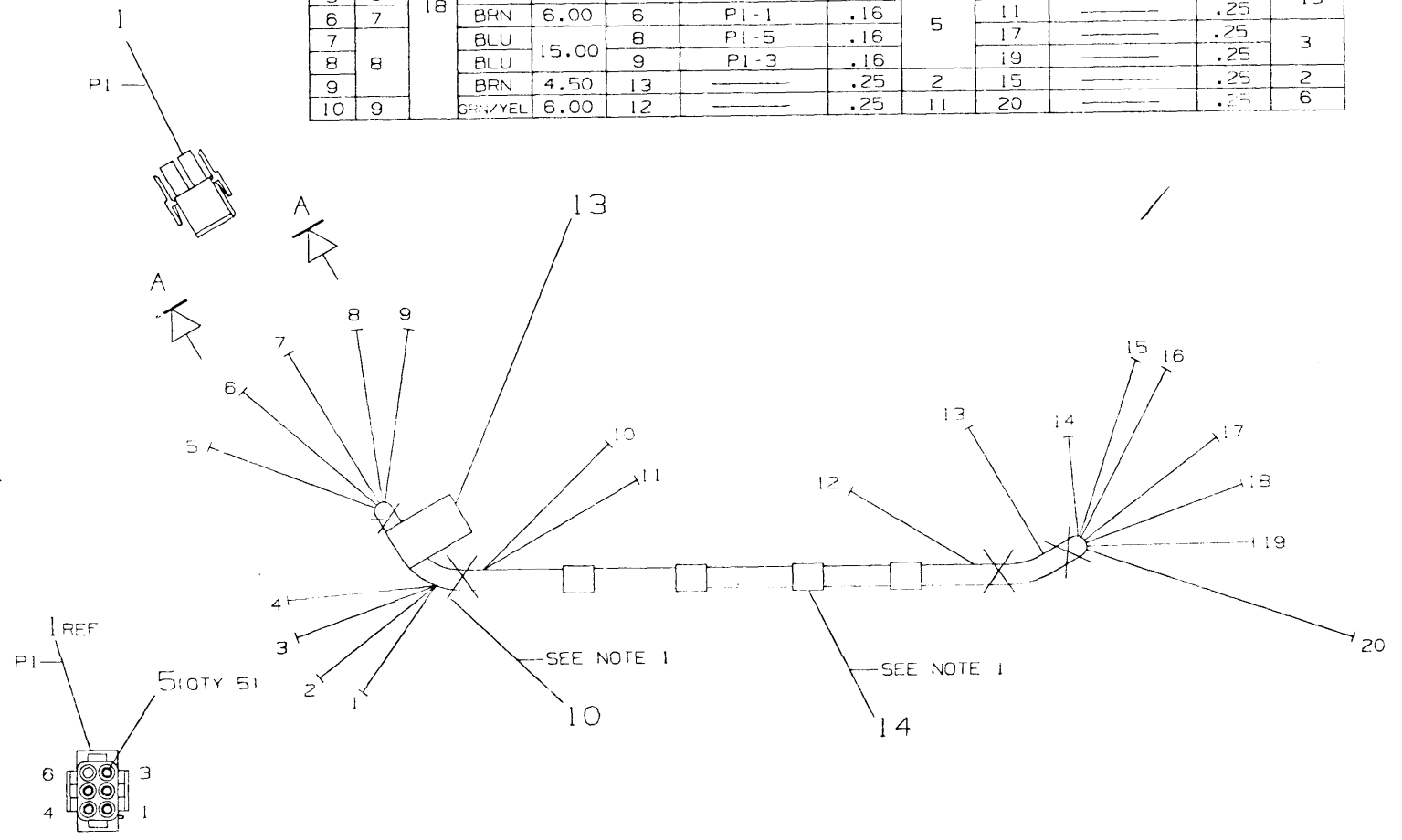
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ENG:	ECO NUMBER	REV	SECTION A OF A	CHK'D: F. HALLIDAY	DATE: 13-JUL-82	TITLE PARTS LIST	
	INITIAL	A	SECTION VARIATION INDEX			CHASSIS ASSY, H7862	
AP	7018970-ML001	B	[A] 00	DES.ENG.: ROBERT V. WHITE	DATE: 13-JUL-82	DOCUMENT NUMBER	
AP	7018970-ML002	C	[B]	RESP.ENG.: ROBERT V. WHITE	DATE: 13-JUL-82	SIZE	CODE NUMBER
			[C]	MFG.ENG.: L. RIPPSTEIN	DATE: 13-JUL-82	K	PL 7018970-0-DBP
			[D]	ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME:	EDIT #:
			[E]	E-AD-7018970-0-DBU	E-AD-7018970-0-DBU	Z3204C.PLS	42
			[F]	"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"			
CHK HH \$3							

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RUN NO.		ITEM NO.	DESCRIPTION			FROM			TO				
NO.			AWG	COLOR	LENGTH	POINT	CONNECTION	STRIP	WIDTH	POINT	CONNECTION	STRIP	WIDTH
1	8		BLU	13.50	1	---		.25		18	---	.25	3
2	8		BLU	13.00	2	---		.25		14	---	.25	2
3	7		BRN	13.25	3	---		.25		16	---	.25	2
4	8		BRN	5.50	4	---		.25		7	P1-4	.16	5
5	8	18	BLU	5.75	5	P1-2		.16		10	---	.25	15
6	7		BRN	6.00	6	P1-1		.16		11	---	.25	15
7	8		BLU	15.00	8	P1-5		.16		17	---	.25	3
8	8		BLU	4.50	9	P1-3		.16		19	---	.25	2
9	8		BRN	4.50	13	---		.25	2	15	---	.25	2
10	9		GRN/YEL	6.00	12	---		.25	11	20	---	.25	6

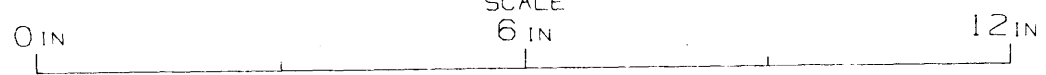
LEGEND		
PART NO.	REV	VARIATION
7018969-00	A1	AS SHOWN

- NOTES:
- USE TIE WRAPS (X) ITEM 10 AT EVERY BREAKOUT POINT. TAPE MIDDLE SECTION OF HARNESS AS A FLAT CABLE USING TAPE (ITEM 14) AS SHOWN. DO NOT BUNDLE.
  - CONNECTORS TO BE LABELED WITH COMPONENT IDENTIFIERS USING BRADY MARKERS (ITEM 12).
  - UNLESS OTHERWISE NOTED ALL LENGTHS ARE IN INCHES.



VIEW A-A  
SCALE: 1/1

DO NOT REDUCE



FOR MANUFACTURING PURPOSES ONLY.

LAYER 2 SHT 1 : TITLE BLOCK LAYER  
LAYER 1 SHT 1 : WORK LAYER

PLOT AT : 1.00

CAUTION: OFF SHEET PARTS LIST EXIST  
SEE K-PL-7018969-0-DBP  
(23203)

REV.	CHNGL. NO.	INITIAL	DATE
A			
B	7018969-ML001		
C	7018969-ML001		
D	7018969-ML001		

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		DIMENSION RANGE IN INCHES	
ANGLES ±0° 30'		CHECK ONE	
SURFACE QUALITY		MICROINCHES	
QUANTITY & VARIATION		FIRST HIGH ASSY E-AD-7018970-0-DBU	
THIRD ANGLE PROJECTION	DRN B. VOWLES DATE 1 OCT 81	TITLE digital	
DO NOT SCALE DRAWING	CHK'D F. HALLIDAY DATE 13 JUL 82	HARNESS, CHASSIS	
REMOVE BURRS AND BREAK SHARP CORNERS	DES. ENG. ROBERT V. WHITE DATE 13 JUL 82	DOCUMENT NUMBER	
MATERIAL	RESP. ENG. ROBERT V. WHITE DATE 13 JUL 82	D 1A 7018969-0-DBU	
SEE PARTS LIST	WFS. ENG. L. RIPPSTEIN DATE 13 JUL 82	SCALE 1/1	
FINISH NONE	TOP DOC. D-1A-7018969-0-DBU	SHEET 1 OF 1	

DRAWN BY: M.L.I. CHECKED BY: M.L.I. DATE: 10/1/81

AUTOMATED BY PRTLST.3P(44)

PARTS LIST

SHEET A1 OF A1

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION
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	*** THIS ITEM IS NOT USED ***	-
5	5	A-PS-1212170-0-0	1212170-00	MATE-N-LOK 01SKT 20-14AWG .08500	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
15	15		1217000-07	TERM,QUICK .110TAB CRIMP 18-2	2

REVISION HISTORY			BASIC PART NO: 7018969		D I G I T A L	
ENG:	ECO NUMBER	REV	SECTION A OF A	DRN:	B. VOWLES	DATE: 05-OCT-81
---	INITIAL	A	SECTION VARIATION INDEX	CHK'D:	F. HALLIDAY	DATE: 13-JUL-82
JB	7018969-ML001	B	[A] 00	DR. ENG.:	ROBERT V. WHITE	DATE: 13-JUL-82
			[B]	RESP. ENG.:	ROBERT V. WHITE	DATE: 13-JUL-82
			[C]	MFG. ENG.:	L. RIPPSTEIN	DATE: 13-JUL-82
			[D]	ASSEMBLY NUMBER:	D-IA-7018969-0-DBU	TOP DOCUMENT NUMBER:
			[E]			D-IA-7018969-0-DBU
			[F]			FILE NAME:
						Z3203B.PLS
						EDIT #
						9

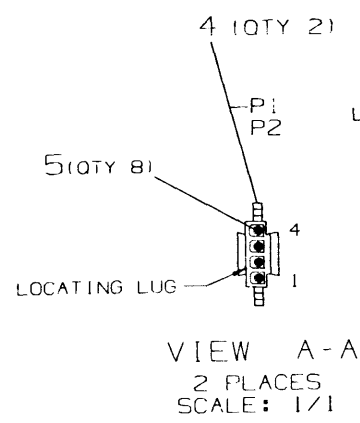
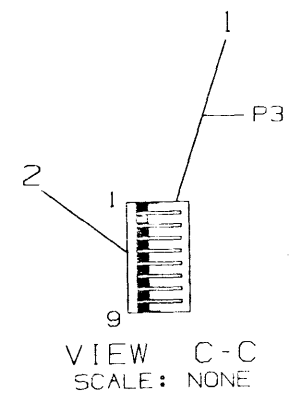
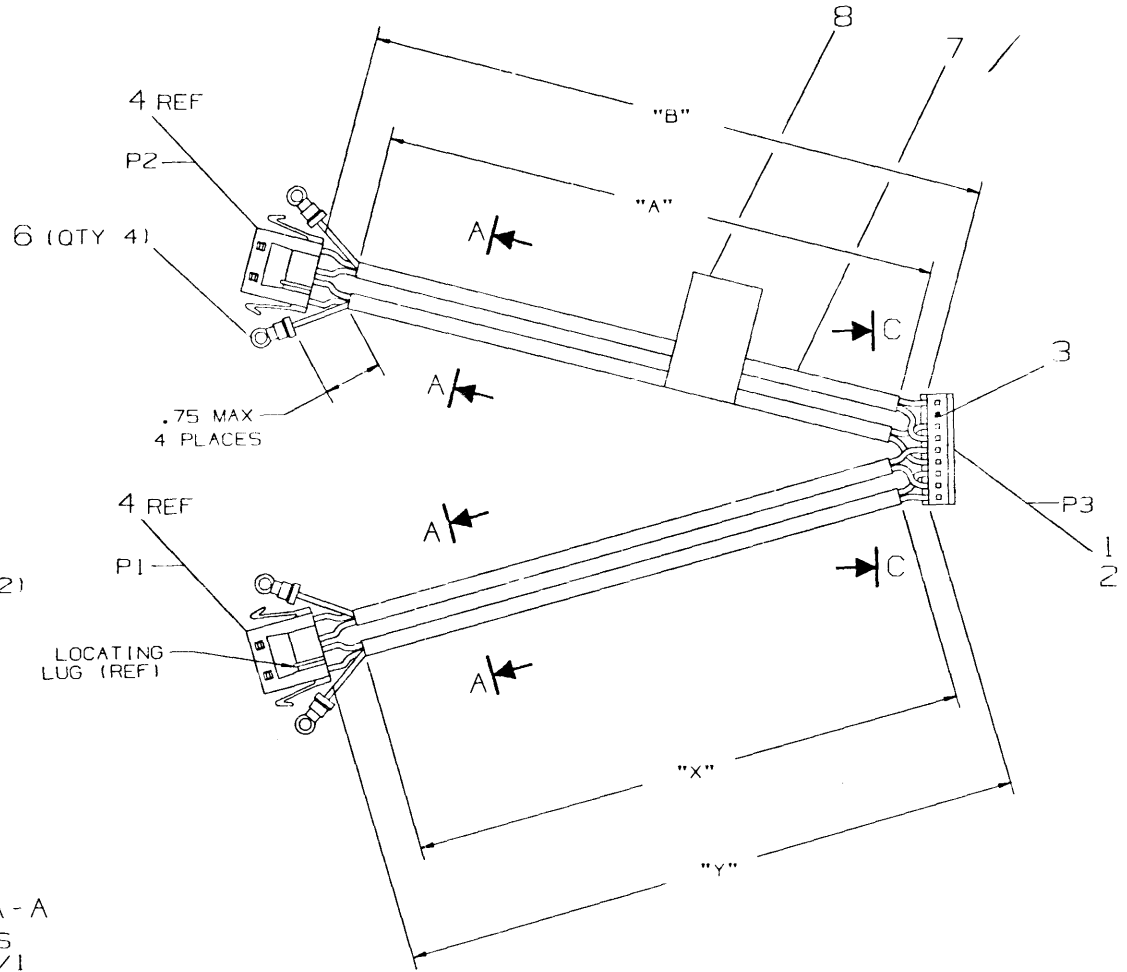
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ITEM NO.		DESCRIPTION		FROM		TO		REMARKS
NO.	AWG	COLOR	LENGTH	CONNECTION	WITH	CONNECTION	WITH	
7	18	WHT	9.5	P1-1	5	P3-5	CRIMP	SEE NOTE 2
		BLK		P1-2		P3-8		
		BLK		P1-3		P3-9		
		WHT		P1-4		P3-7		
	11.5	WHT	P2-1	P3-4				
		BLK	P2-2	P3-1				
		BLK	P2-3	P3-3				
		WHT	P2-4	P3-6				

LEGEND			
NUMBER	REV	DIM "X" VAR.	DIM "Y"
7019731-0L	A1	8.0	9.0
		DIM "A" VAR.	DIM "B"
		10.0	11.0

NOTES:  
 1. STRIP LENGTHS FOR P1 & P2 CONNECTIONS: .016. NO STRIP REQUIRED FOR P3 CONNECTIONS.



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

CAUTION: OFF SHEETS PARTS LIST EXISTS  
 SEE K-PL-7019731-0-DBP  
 (Z4668)

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	
		OVER 0.2 TO 0.2	OVER 0.2 TO 4.0
SURFACE QUALITY	MICROINCHES	OVER 4.0 TO 12.0	OVER 12.0 TO 48.0
		OVER 12.0 TO 48.0	OVER 48.0 TO 60.0
QUANTITY & VARIATION	FINISH	THIRD ANGLE PROJECTION	DATE
E-UA-H7862-0-DBU		DRN A. PERRY	25MAY82
		CHK'D F. HALLIDAY	13JUL82
		DES. ENG. R. V. WHITE	13JUL82
		RESP. ENG. R. V. WHITE	13JUL82
		WFO. ENG. LEE RIPPSTEIN	13JUL82
		TOP DOC. D-1A-7019731-0-DBU	
TITLE		DOCUMENT NUMBER	
CABLE ASSY, DC. OUTPUT		D 1A 7019731-0-DBU A	
SCALE 1/1		SHEET 1 OF 1	

REV.	CHG.	NO.	INITIAL	DATE

DRAWING NO. 7019731-0-DBU A

digital

ML1

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION
1	A-PS-1215306-0-0	1215306-00	CONN, IDC 09POS(1X09).106CC TIN	1
2	A-PS-1216650-0-0	1216650-02	CONN, IDC 9POS STANDARD COVER	1
3	A-PS-1215588-0-0	1215588-00	CONN, P+S KEYING PLUG USE W 12	1
4	A-PS-1209350-0-0	1209350-04	MATE-N-LOK 04SKT(1X04).200CC HSG	2
5	A-PS-1209379-0-0	1209379-00	MATE-N-LOK 01SKT 20-14AWG .0820D	8
6		9007929-00	TERM, RING #5,6STUD CRIMP 16-2	4
7	A-PS-1700345-0-0	1700345-01	CABLE, 3 COND. 18AWG SHIELDED	A/R
8	A-PS-3616073-0-0	3616073-00	LABEL, ID W/COPY VERTICAL	1

REVISION HISTORY		BASIC PART NO: 7019731		DRN: ROBERT V. WHITE		DATE: 10-JUN-82		DIGITAL	
ENG	ECD NUMBER	REV	SECTION A OF A	CHK'D:	F. HALLIDAY	DATE:	13-JUL-82	TITLE	PARTS LIST
	INITIAL	A	SECTION. VARIATION INDEX					CABLE ASSY, DC, OUTPUT	
			[A] OL	DES.ENG.:	R.V. WHITE	DATE:	13-JUL-82		
			[B]	RESP.ENG.:	R.V. WHITE	DATE:	13-JUL-82		DOCUMENT NUMBER
			[C]					SIZE:CODE: NUMBER	REV
			[D]	MFG.ENG.:	LEE RIPPSTEIN	DATE:	13-JUL-82	K ! FL ! 7019731-0-DBP	A
			[E]	ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:	EDIT #
			[F]	D-IA-7019731-0-DBU		D-IA-7019731-0-DBU		Z4668A.PLS	5

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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 D30.
- 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 R90.
- 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 E6-10 TO E7-5. INSULATE LEADS OF R68 WITH THIN WALL TUBING [ITEM 162].
- 1-21. CONNECT R60 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 (47).
- 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 R60 & 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.

ECO 5415086-MLO05

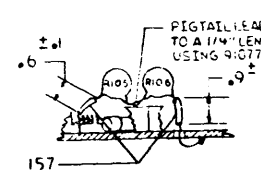
- 5-1. ADD R105 AND R106. PIGTAIL TOGETHER AND INSULATE WITH SHRINK TUBING (3107714). PLATE LEAD OF R106 THRU HOLE NEAR D1, WRAP AROUND PIN OF D1 CLOSEST TO (1-1) PIN AND SOLDER. WRAP LEAD OF R105 ON T4-1, PINCH AND SOLDER. REF SECTIONS G-G AND H-H.
- 5-2. USING A STEEL RULE, ENSURE THAT F1 IS SPACED ABOVE ETCH 2MM MIN. (ON OUTSIDE EDGE OF BOARD).
- 5-3. USING A STEEL RULE, ENSURE THAT WHERE R105 IS SOLDERED IS 2MM MIN. SPACED FROM T4-2.
- 5-4. USING A STEEL RULE, ENSURE THAT WHERE R106 IS SOLDERED TO D1 IS SPACED A MIN OF 2MM FROM ANY ETCHES ON SIDE 2.
- 5-6. AS SHOWN IN VIEW I-I DRILL HOLE .040" / #60 HOLE

ECO #5415086-ML006

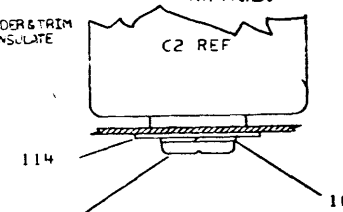
- 6-1. REMOVE T4
- 6-2. REMOVE R1
- 6-3. ASSEMBLE DIODES D301, D302 AND R1 TO NEW T4 (16-21355-01) AS SHOWN
- 6-4. SEE ETCH CUT DRAWING. CUT ETCH FROM T4-G TO R2-3 AS SHOWN
- 6-5. ASSEMBLE NEW T4 INTO ETCH.
- 6-6. WRAP LOOSE END OF R1 TO D19 CATHODE
- 6-7. CONNECT #22 BUSS WIRE ON BACK SIDE OF ETCH BETWEEN PIN 10 OF T4 AND THE NEGATIVE LEAD OF C20 AS SHOWN

**REWORK INSTRUCTIONS**  
ECO #5415086-ML008  
COMPONENT DELETIONS:  
2-1. DELETE D31  
2-3. DELETE C53  
COMPONENT ADDS SIDE 1:  
2-2. ADD R104 IN FORMER LOCATION OF D31.  
2-4. ADD D39. PIGGYBACK TO R11. D39 IS REVERSE POLARITY. CATHODE IS CLOSEST TO R15.  
2-5. ADD D42 FROM E2-3 TO VIA NEXT TO C41. INSULATE LEADS WITH THIN WALL TUBING (ITEM 162). NOTE POLARITY.  
2-6. ADD D41 FROM E3-1 (ANODE) TO E3-14 (CATHODE).  
2-7. ADD D42 FROM EMPTY MTRG HOLE BETWEEN D27 & R78 TO EMPTY MTRG HOLE NEXT TO E6-11. INSULATE LEADS WITH TUBING (ITEM 162).  
2-8. ADD R13 FROM END OF R12 SUCH THAT THE ETCH CUT IS BUSHED.  
2-10. ADD NEG LEAD THRU DRILLED HOLE AND SOLDERED TO GND PLANE. POS LEAD SOLDERED TO ETCH BETWEEN D12 & D16.  
2-17. C10 RELOCATED ONE HOLE INTO OTHER MTRG HOLE NEAR R17. OTHER END SOLDERED TO ETCH BETWEEN J2 & J3, BRIDGING R17 & R18.

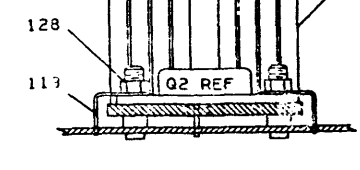
**WIRE ADDS SIDE 1**  
2-3. ADD WIRE FROM E3-14 TO CATHODE OF D43 AT MTRG HOLE.  
2-8. CONNECT REMOVED ENDS OF R108 AND D43 (ANODE) DRILL HOLE 2 AS SHOWN.  
2-11. DRILL .0375 HOLE IN ETCH RELIEF FROM...  
2-22. DRILL .0375 HOLE FROM SIDE 2 AS SHOWN.  
2-21. IT IS REQUIRED THAT EACH OF THE FOLLOWING COMPONENTS BE INSPECTED AND RESOLDERED WITH A LARGE TIP HIGH NATTAGE IRON AS NECESSARY. NOTE THAT TOP SOLDERING MAY BE NECESSARY.  
T3-5, T3-6, T3-7, T3-8, D12, D11, L1, L2, L3, C3, C13, C9, C14, R12, R15, R16, C56, C10, C15, J2, J3



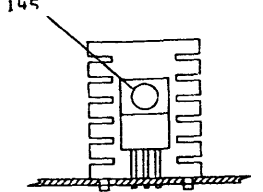
SECTION G-G



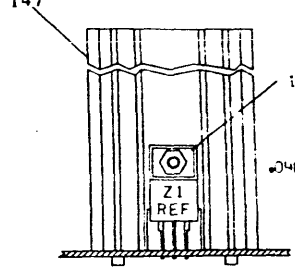
SECTION B-B  
TYP. FOR C1 & C2  
TORQUE 16 IN./LBS. ± 1



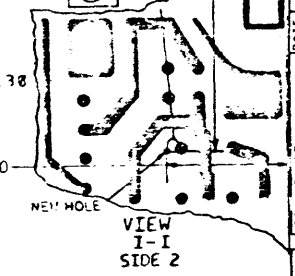
SECTION C-C  
TYPICAL ASSEMBLY FOR Q1, Q2, D10 AND D11  
TORQUE SCREWS 8 IN./LBS. ± 1



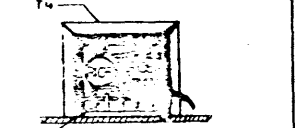
SECTION E-E



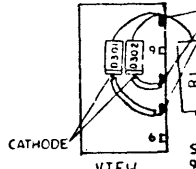
SECTION F-F



VIEW I-I SIDE 2



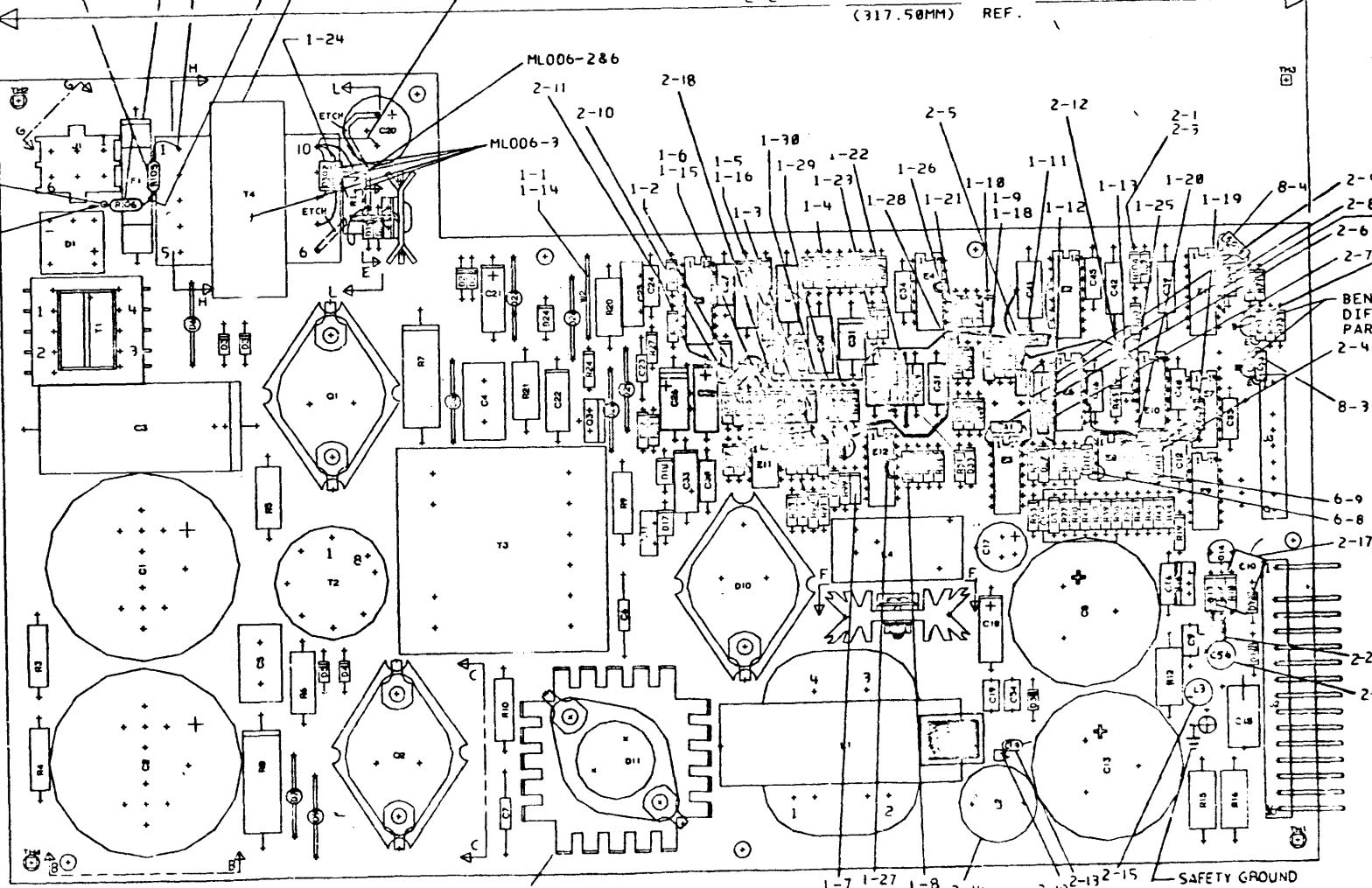
SECTION H-H  
WRAP LEAD OF R105 AROUND PIN 1 OF T4 AS SHOWN. PINCH TIGHTLY CLOSED WITH PLIERS, THEN SOLDER. SCALE 1/1



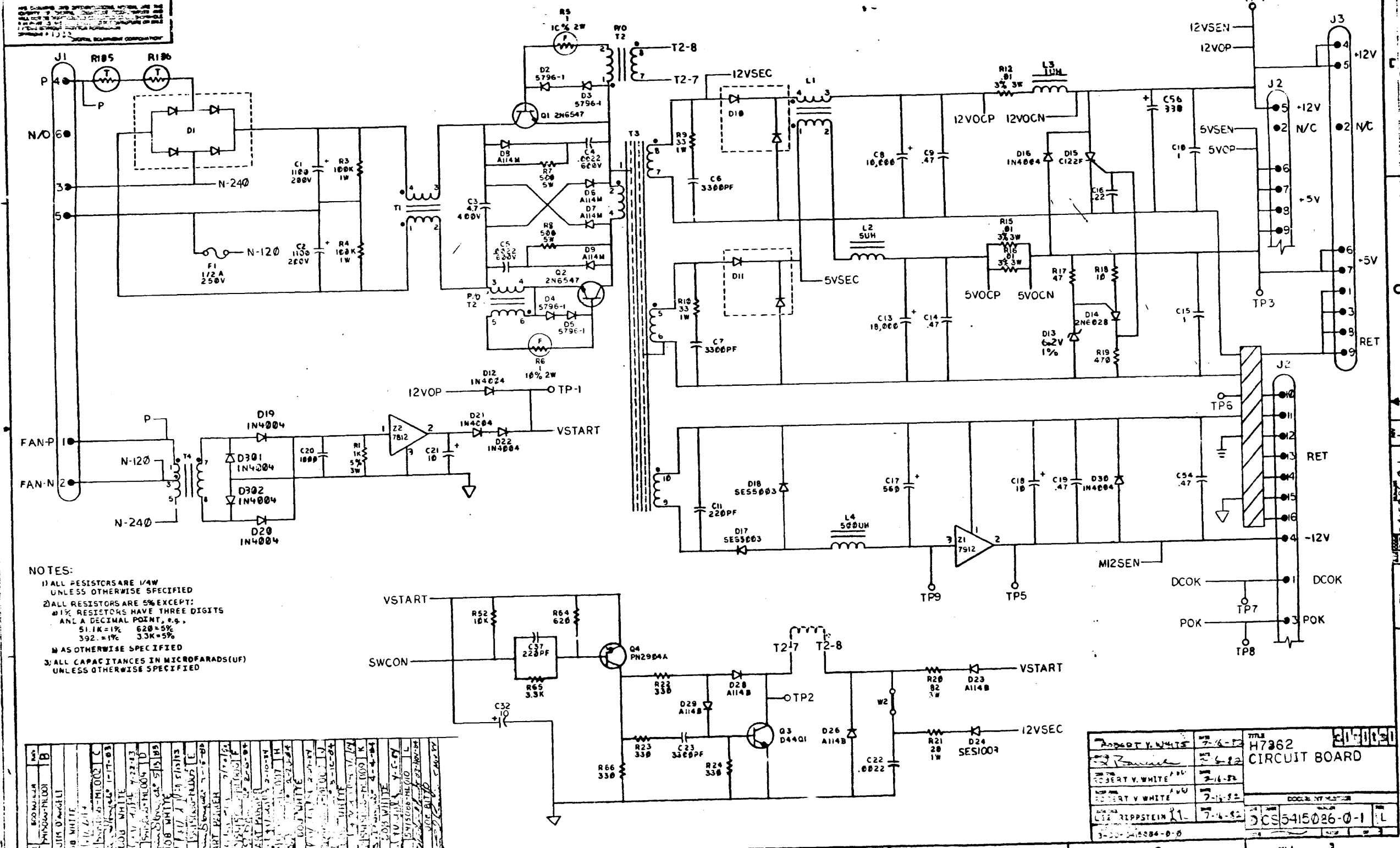
VIEW L-L

TORQUE NUT 4-5 IN LBS.

BUILD AND ASSEMBLE TRANSFORMER BEFORE INSULATION TO .54\"/>



CS5415026-0-1

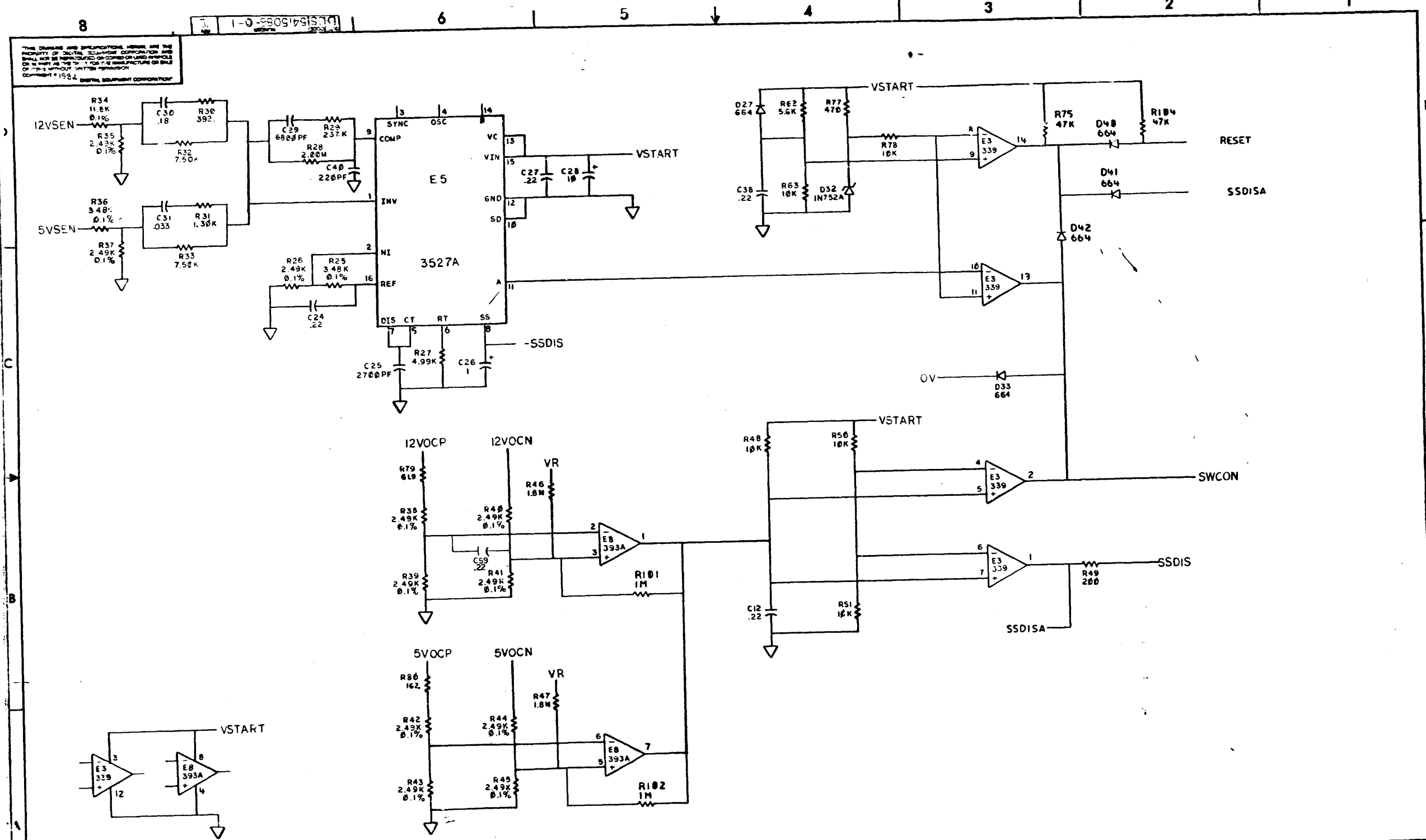


- NOTES:
- 1) ALL RESISTORS ARE 1/4W UNLESS OTHERWISE SPECIFIED
  - 2) ALL RESISTORS ARE 5% EXCEPT: 1% RESISTORS HAVE THREE DIGITS AND A DECIMAL POINT, e.g., 51.1K=1% 620=5% 392=1% 33K=5% N AS OTHERWISE SPECIFIED
  - 3) ALL CAPACITANCES IN MICROFARADS (UF) UNLESS OTHERWISE SPECIFIED

DATE	BY	REVISION	DESCRIPTION
7-4-62	BOB WHITE	1	INITIAL DESIGN
7-11-62	BOB WHITE	2	REVISED FOR MANUFACTURE
7-16-62	BOB WHITE	3	REVISED FOR MANUFACTURE
7-16-62	BOB WHITE	4	REVISED FOR MANUFACTURE
7-16-62	BOB WHITE	5	REVISED FOR MANUFACTURE
7-16-62	BOB WHITE	6	REVISED FOR MANUFACTURE
7-16-62	BOB WHITE	7	REVISED FOR MANUFACTURE
7-16-62	BOB WHITE	8	REVISED FOR MANUFACTURE
7-16-62	BOB WHITE	9	REVISED FOR MANUFACTURE
7-16-62	BOB WHITE	10	REVISED FOR MANUFACTURE
7-16-62	BOB WHITE	11	REVISED FOR MANUFACTURE
7-16-62	BOB WHITE	12	REVISED FOR MANUFACTURE
7-16-62	BOB WHITE	13	REVISED FOR MANUFACTURE
7-16-62	BOB WHITE	14	REVISED FOR MANUFACTURE
7-16-62	BOB WHITE	15	REVISED FOR MANUFACTURE
7-16-62	BOB WHITE	16	REVISED FOR MANUFACTURE
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7-16-62	BOB WHITE	26	REVISED FOR MANUFACTURE
7-16-62	BOB WHITE	27	REVISED FOR MANUFACTURE
7-16-62	BOB WHITE	28	REVISED FOR MANUFACTURE
7-16-62	BOB WHITE	29	REVISED FOR MANUFACTURE
7-16-62	BOB WHITE	30	REVISED FOR MANUFACTURE

DESIGNED BY	DATE	TITLE	REV
ROBERT V. WHITE	7-4-62	H7962	1
ROBERT V. WHITE	7-16-62	CIRCUIT BOARD	1
ROBERT V. WHITE	7-16-62		
ROBERT V. WHITE	7-16-62		
LEO RIPPSTEIN	7-4-62		
3-20-62	7-4-62		
CS5415026-0-1		L	

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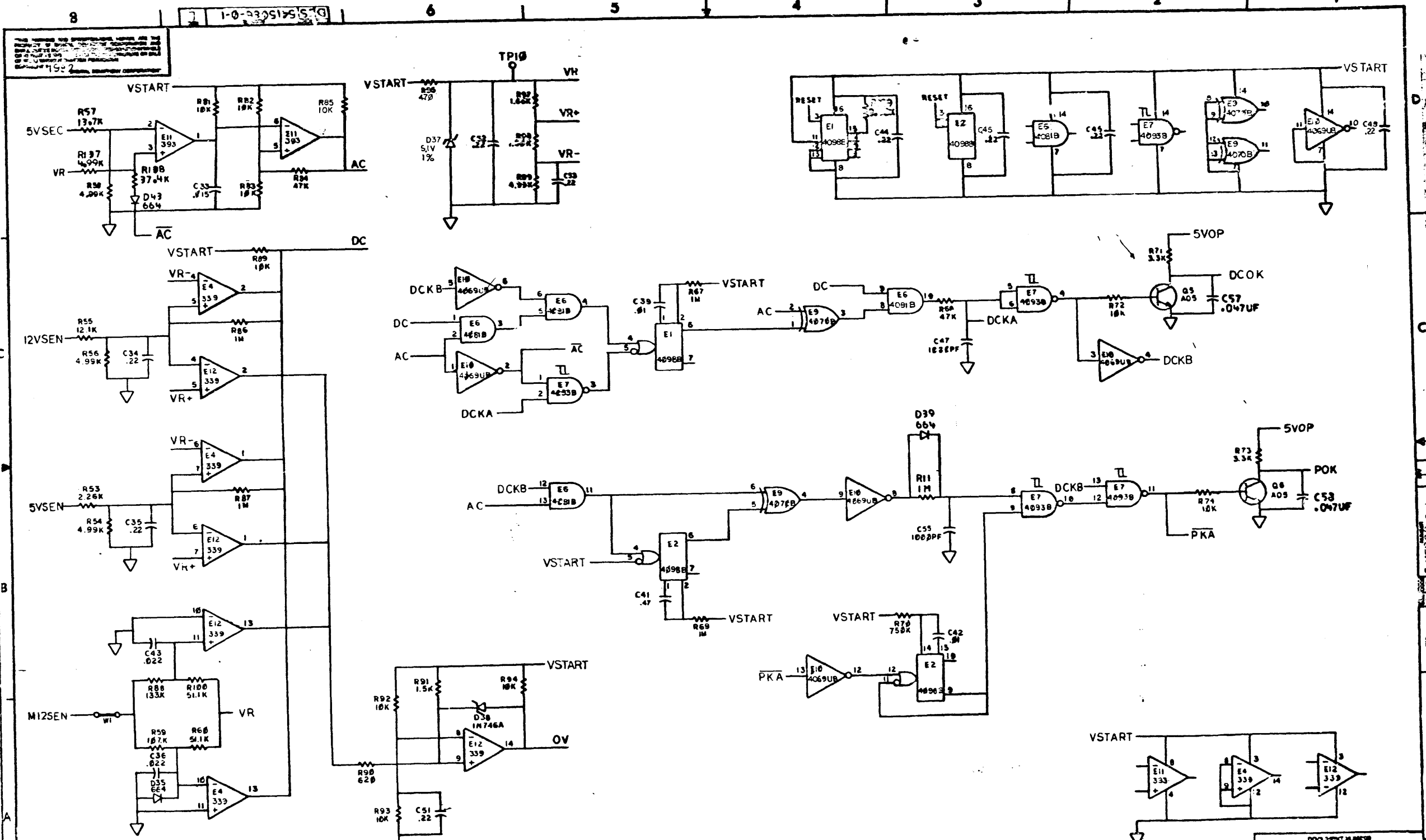


REVISION HISTORY		
DATE	ECO NUMBER	REV

TITLE: H7862 CIRCUIT BOARD

DOCUMENT NUMBER	
DCS 5415086-2-1	REV L

DCS 5415086-2-1



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REVISION HISTORY		
DATE	ECO NUMBER	REV

DCS 5415096-0-1 L

1-0-980515 SCS

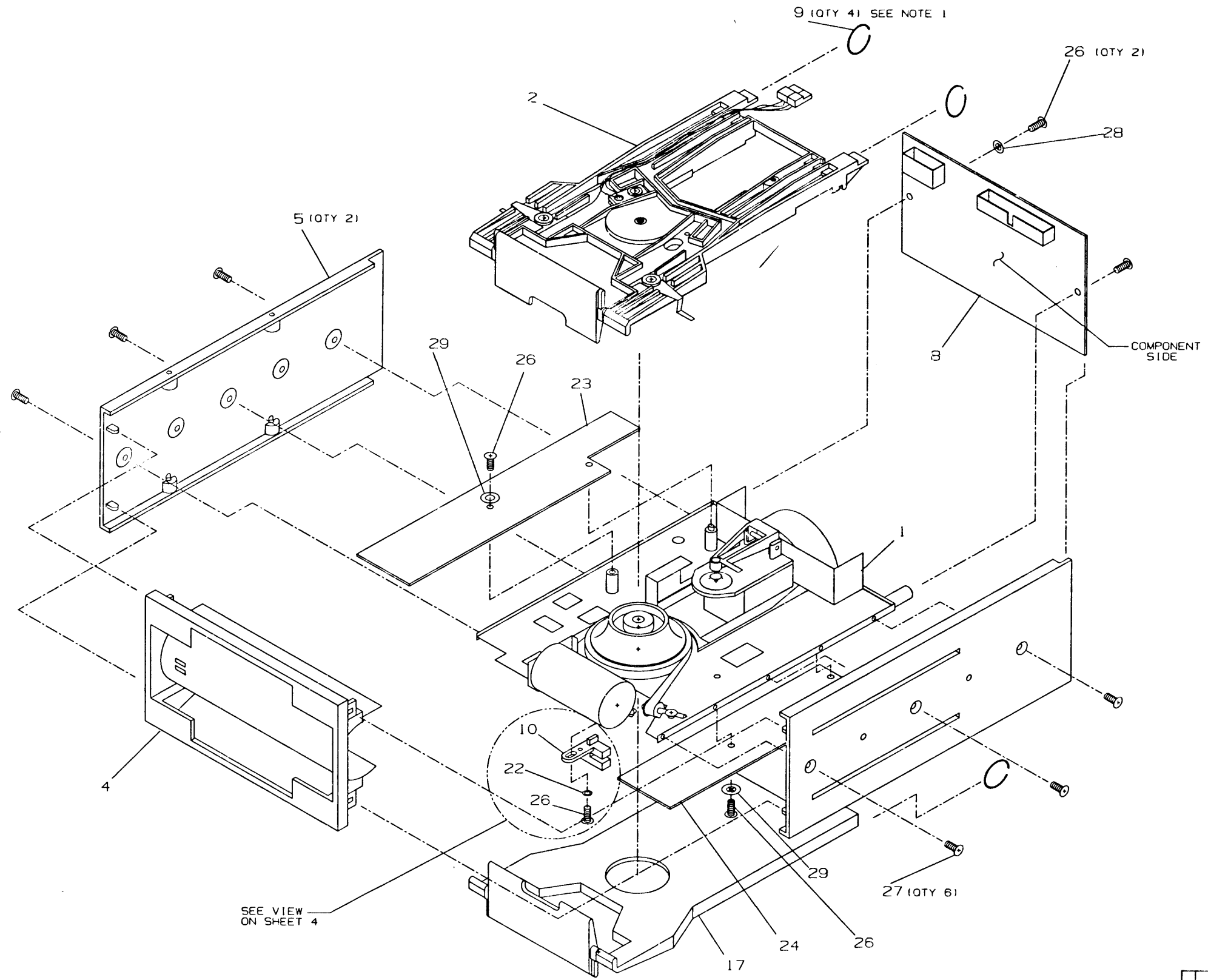


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LEGEND		
PART NO.	REV	VARIATION
RX50-AA	B1	AS SHOWN

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 24) AND SPINDLE MOTOR SPEED CONTROL BOARD (ITEM 23) 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. AFTER ASSY BE SURE ALL WIRES AND OTHER ABSTRUCTIONS ARE CLEARED FROM THE AREA IN WHICH THE DISKETT RESIDES.



REVISIONS	CHANGE NO.	REV.	DATE	BY
	A			
	B			
	C			
	D			
	E			

FIRST NUMBER ONLY B-001 RX50-0

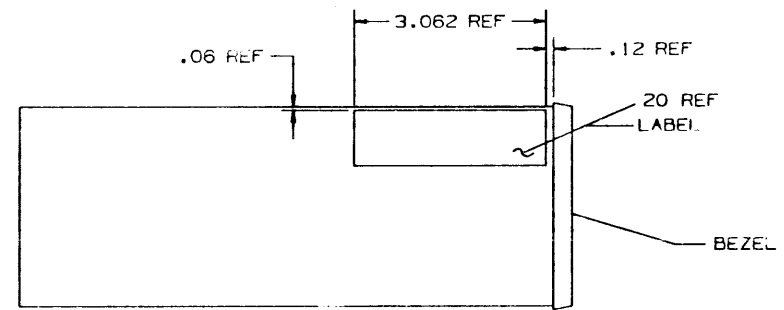
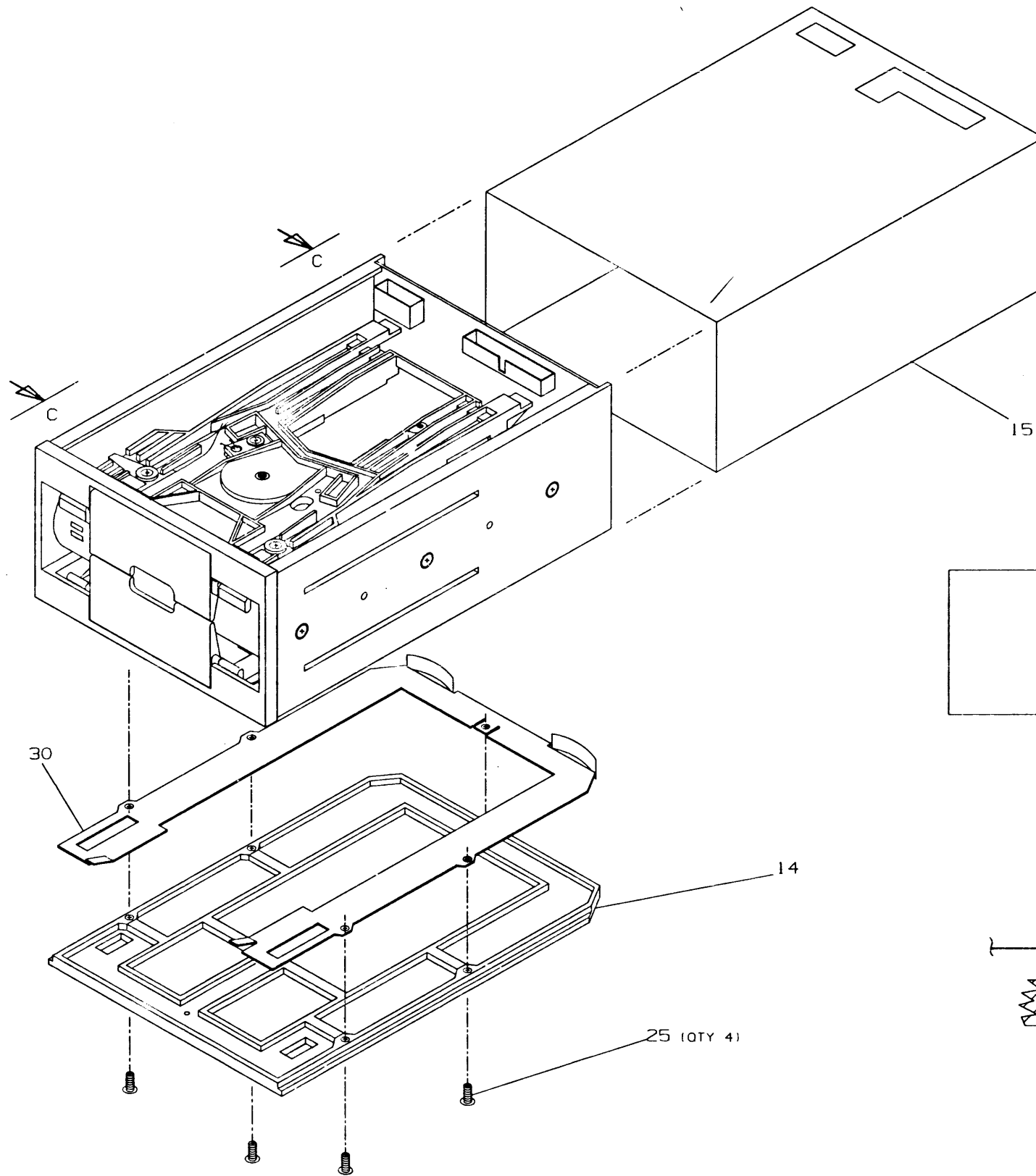
DESCRIPTION	DRAWING NO.	PART NO.	REV.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD 114)			
FINISH			
QUANTITY & VARIATION			
THIRD ANGLE PROJECTION			
DO NOT SCALE DRAWING			
REMOVE BURRS AND BREAK SHARP CORNERS			
MATERIAL			
SEE PARTS LIST			

DATE	BY	TITLE
30 MAR 82	A. PINKARD	
30 MAR 82	M. CARSON	
30 MAR 82	D. BARRON	
30 MAR 82	M. CAPMAN	
30 MAR 82	P. BARTON	

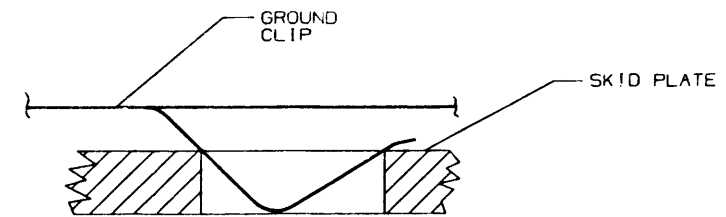
DATE	BY	TITLE
30 MAR 82		RX50 UNIT ASSY

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0 000-0-062X 3



VIEW C-C  
 LABEL PLACEMENT



DETAIL OF HOW  
 GROUND CLIP FITS  
 INTO SKID PLATE

REVISION HISTORY		
DATE	ECO HISTORY	REV

TITLE RX50

DOCUMENT NUMBER

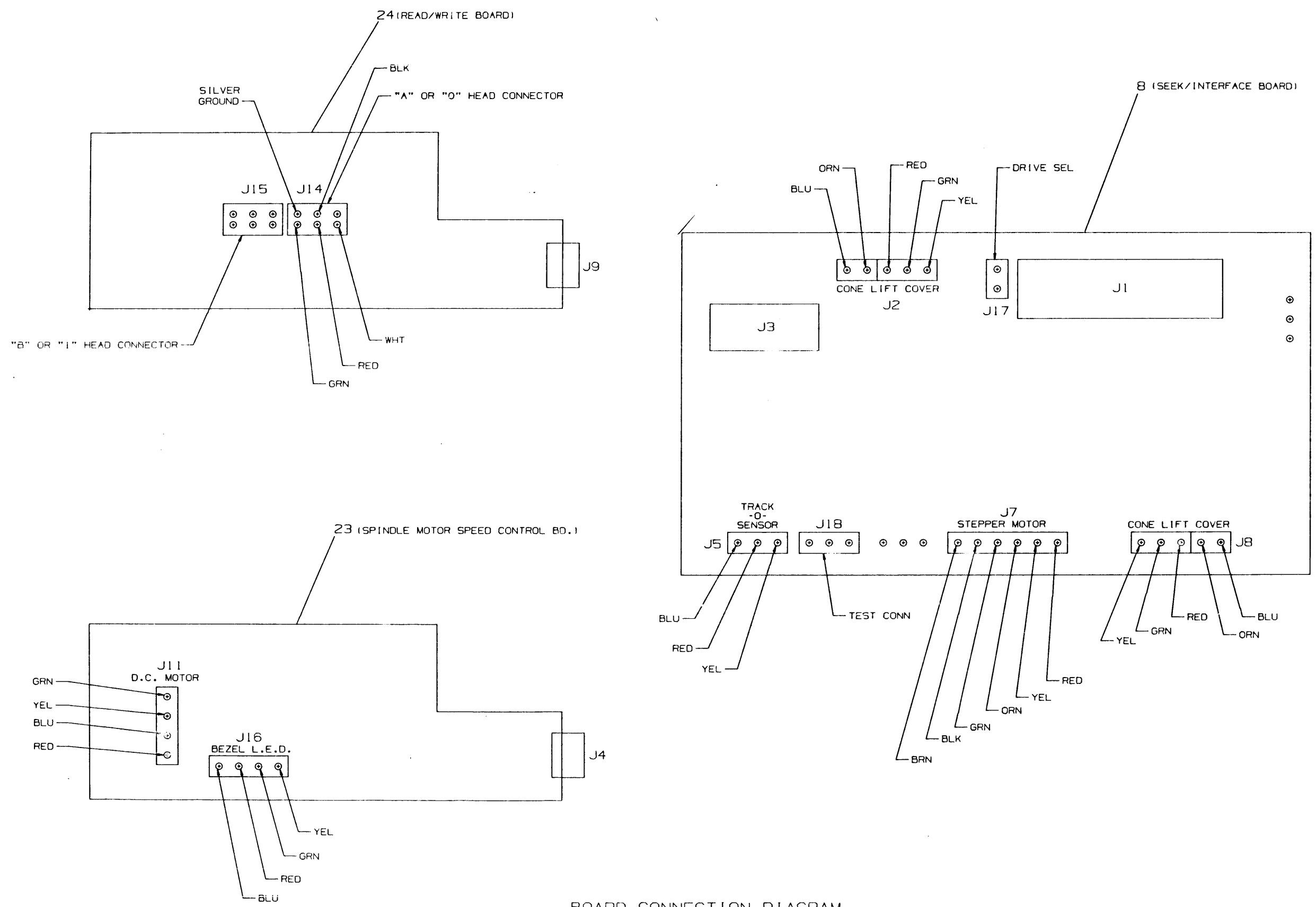
SIZE CODE NUMBER REV

J  
I  
H  
G  
F  
E  
D  
C  
B  
A

J  
H  
F  
E  
D  
C  
B  
A

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0 1750-0-05X8 VN 3

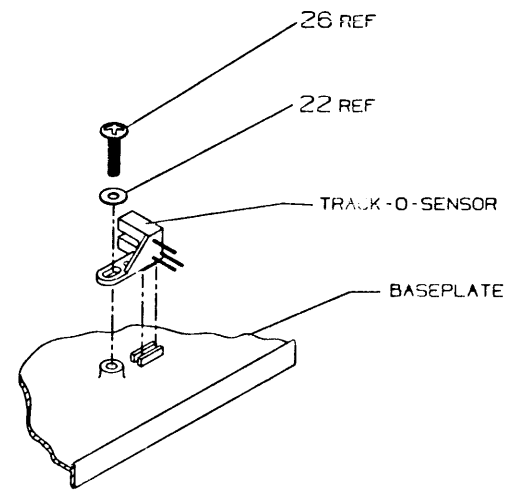


BOARD CONNECTION DIAGRAM

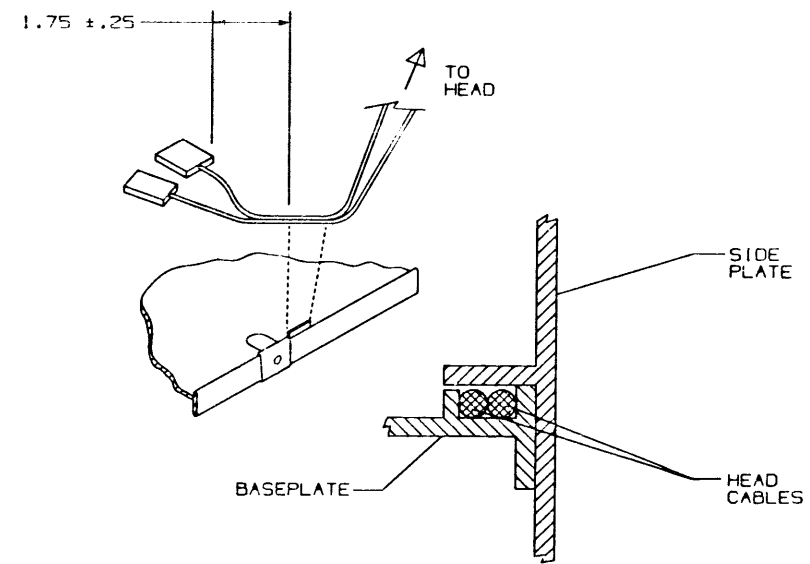
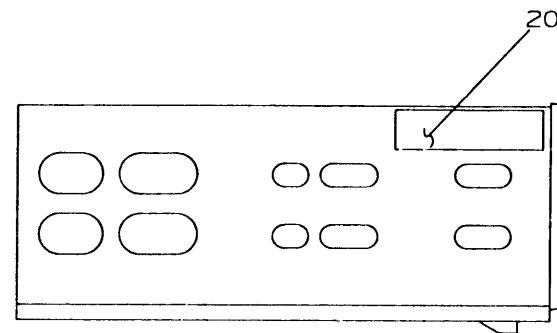
REVISION HISTORY		
DATE	EQG HISTORY	REV

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0 1980-0-085X8 M/E



MOUNTING POSITION FOR TRACK-O-SENSOR



HEAD CABLE STRAIN RELIEF

REVISION HISTORY		
DATE	ECR HISTORY	REV
SEE SHEET 1		

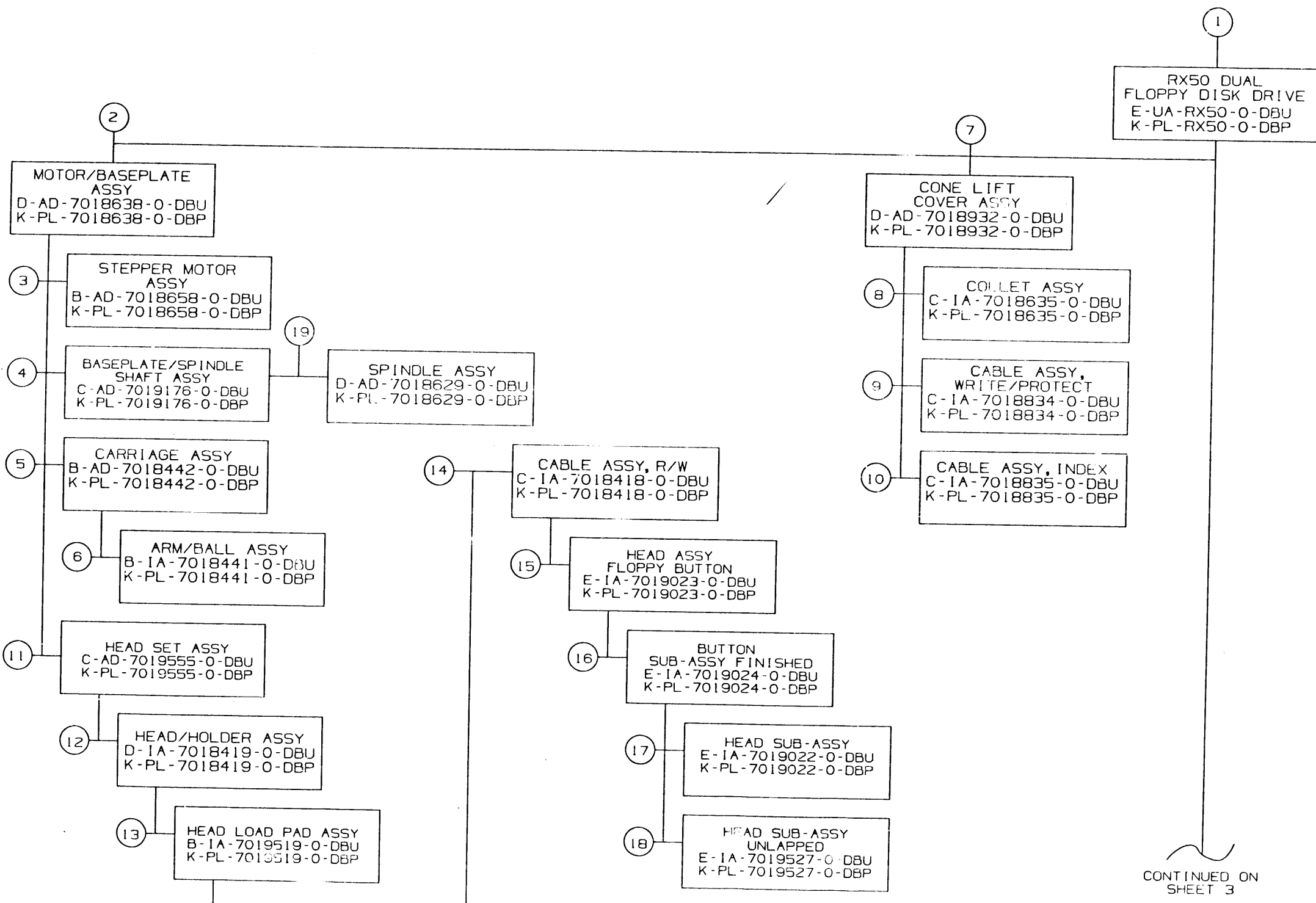
DOCUMENT NUMBER  
 TITLE  
 SIZE CODE  
 NUMBER  
 REV

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY	PER VARIATION
					VARIATION REVISION LEVEL:	AA	
1	1	D-AD-7018638-0-DBU	7018638-00		MOTOR/BASEPLATE ASSY.	1	
2	2	D-AD-7018932-0-DBU	7018932-02		CONE LIFT COVER ASSY.	1	
3	3	D-MD-7426536-0-DBU	7426536-01		*** THIS ITEM IS NOT USED ***	-	
4	4	B-IA-7019118-0-DBU	7019118-00		BEZEL ASSY.	1	
5	5	E-MD-7425241-0-DBU	7425241-01		SIDE,CARD GUIDE,(MACH.PART)	2	
6	6	D-UA-5415074-0-0	5415074-00		*** THIS ITEM IS NOT USED ***	-	
7	7	D-UA-5415111-0-0	5415111-00		*** THIS ITEM IS NOT USED ***	-	
8	8	D-UA-5415066-0-0	5415066-00		SEEK INTERFACE BOARD	1	
9	9	C-MD-7425234-0-DBU	7425234-00		SPRING, RETURN CONE LIFT COVER	4	
10	10	B-IA-7018931-0-DBU	7018931-00		CABLE ASSY, TRACK-O-SENSOR	1	
11	11		9006021-01		*** THIS ITEM IS NOT USED ***	-	
12	12		9008407-01		*** THIS ITEM IS NOT USED ***	-	
13	13		9006021-02		*** THIS ITEM IS NOT USED ***	-	
14	14	D-MD-7425652-0-DBU	7425652-02		PLATE,SKID	1	
15	15	E-IA-7019918-0-DBU	7019918-01		SHIELD ASSY. RX50 DRIVE	1	
16	16		9006633-00		*** THIS ITEM IS NOT USED ***	-	
17	17	D-AD-7018932-0-DBU	7018932-03		CONE LIFT COVER ASSY.	1	
18	18	B-AD-7019120-0-DBU	7019120-00		*** THIS ITEM IS NOT USED ***	-	
19	19		9006024-02		SCREW,MACH FLAT PHIL 6-	2	
20	20		3619833-01		LABEL,BAR CODE S/N RX50-AA	1	
21	21		9009507-00		*** THIS ITEM IS NOT USED ***	-	
22	22		9006656-00		WASHER,FLAT STEEL	1	
23	23		7019175-00		MOTOR/PCB ASSY.	1	
24	24		7019177-00		R/W PCB ASSY	1	
25	25		9006024-01		SCREW,MACH PAN PHIL 6-	4	
26	26		9009708-00		SCREW,TAP PAN PHIL THD RL 6-	5	
27	27		9006020-02		SCREW,MACH FLAT PHIL 6-	6	
28	28		9009882-00		WASHER,LOCK INTERNAL SST	1	
29	29		9008992-00		WASHER,FLAT NYLON	2	
30	30		7428201-02		CLIP,GROUNDING	1	

REVISION HISTORY			BASIC PART NO: RX50		DRN:	DATE:	D I G I T A L			
ENG:	ECO NUMBER	REV	SECTION A OF A		A. PINKARD	29-JUN-82	TITLE PARTS LIST			
---	INITIAL	A	SECTION VARIATION INDEX		M. CARMAN	29-JUN-82	RX50 UNIT ASSY			
DW	RX50-SH001	B	{A}AA				DOCUMENT NUMBER			
DW	RX50-SH002	C	{B}		D. WARREN	29-JUN-82	SIZE	CODE	NUMBER	REV
DW	RX50-SH003	D	{C}				K	PL	RX50-0-DBP	D
			{D}		RESP.ENG.: M. CARMAN	29-JUN-82	RELEASE DATE: 01-OCT-84			
			{E}		MFG.ENG.: P. BARTON	29-JUN-82				
			{F}		ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME:		EDIT #	
					E-UA-RX50-0-DBU	#B-DD-RX50-0	Z4621D.PLS		12	

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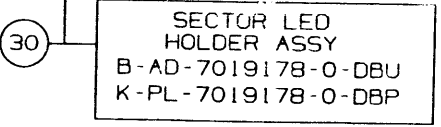
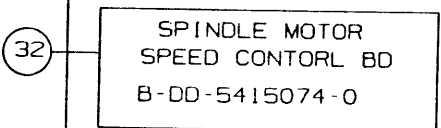
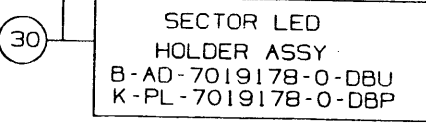
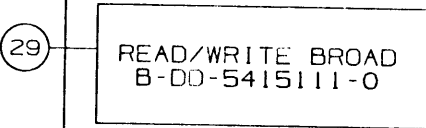
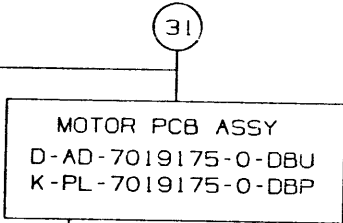
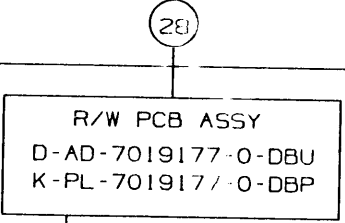
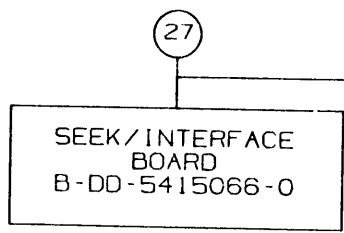
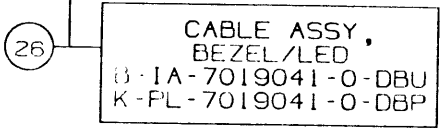
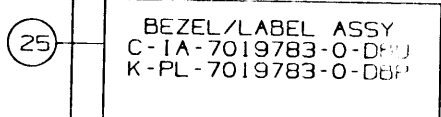
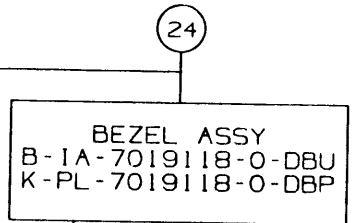
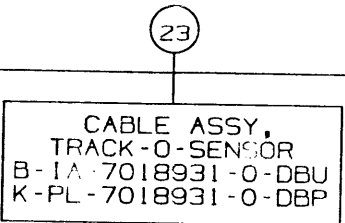
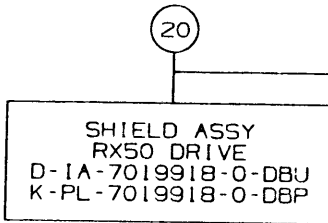


CONTINUED ON SHEET 3

TITLE: RX50 DUAL FLOPPY DISK DRIVE	SHEET 2 OF 6	SIZE CODE BDD	NUMBER RX50-0	REV. B
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SHO

CONTINUED FROM SHEET 2



TITLE: RX50 DUAL FLOPPY DISK DRIVE	SHEET 3 OF 6	SIZE CODE B DD	NUMBER RX50-0	REV. B
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SHO

FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE
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					
	A-SP-RX50-0-3	RX50 PRODUCT SPECIFICATION	E/M	5	B-AD-7018442-0-DBU	CARRIAGE ASSY	M
	E-MD-7425241-0-DBU	PLATE, SIDE	M		K-PL-7018442-0-DBP	CARRIAGE ASSY (PL)	M
	C-MD-7425234-0-DBU	SPRING, RETURN CONE LIFT COVER	M		E-MD-7425248-0-DBU	CARRIAGE	M
	D-MD-7425652-0-DBU	PLATE, SKID	M		B-MD-7425248-0-DBU	NUT, BAR	M
	D-MD-7428201-0-DBU	CLIP, GROUNDING	M		B-MD-7425226-0-DBU	SPACER, FOLLOWER ARM	M
	D-MD-9906962-0-DBU	INSERT, SHIPPING	M				
	A-PS-1222570-0-1	BALL, RUBBER, .125	M				
				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				
	D-MD-7425832-0-DBU	SPRING, CARRIAGE	M	7	D-AD-7018932-0-DBU	CONE LIFT COVER ASSY	E/M
	B-MD-7425214-0-DBU	SHAFT, IDLER	M		K-PL-7018932-0-DBP	CONE LIFT COVER ASSY (PL)	E/M
	B-MD-7425224-0-DBU	SHAFT, GUIDE	M		E-MD-7425233-0-DBU	LIFT, CONE	M
	C-MD-7425827-0-DBU	SHOE, SLIDE	M		E-MD-7425239-0-DBU	DOOR	M
	1218677-0-0	MOTOR, SPINDLE DRIVE	M		B-MD-7425232-0-DBU	SPRING, CONICAL	M
	1218835-0-0	BELT, WOVEN ENDLESS	M		B-MD-7425236-0-DBU	SPACER, WP SWITCH	M
	B-MD-7425244-0-DBU	PULLEY, IDLER	M		B-MD-7425231-0-DBU	SHAFT, COLLET	M
					B-MD-7425225-0-DBU	PAD, REF PLANE LOAD	M
3	B-AD-7018658-0-DBU	STEPPER MOTOR ASSY	E/M	8	C-1A-7018635-0-DBU	COLLET ASSY	M
	K-PL-7018658-0-DBP	STEPPER MOTOR ASSY (PL)	E/M		K-PL-7018635-0-DBP	COLLET ASSY (PL)	M
	1218676-0-0	MOTOR, STEPPER 12V DC	E/M		D-MD-7425230-0-DBU	COLLET	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
4	C-AD-7019176-0-DBU	BASEPLATE/SPINDLE SHAFT ASSY	M		K-PL-7018834-0-DBU	CABLE ASSY, WRITE/PROTECT (PL)	E
	K-PL-7019176-0-DBP	BASEPLATE/SPINDLE SHAFT ASSY (PL)	M		D-MD-7425237-0-DBU	SWITCH, WP UPPER	M
	E-MD-7425213-0-DBU	BASEPLATE	M		D-MD-7425238-0-DBU	SWITCH, WP LOWER	M
	B-MD-7425217-0-DBU	SHAFT, SPINDLE	M				

TYPE: E ELECTRICAL  
M MECHANICAL  
E/M ELECTRO/MECHANICAL

digital

TITLE:

RX50 DUAL FLOPPY DISK DRIVE

SHEET 4 OF 6

SIZE CODE  
BDD

NUMBER  
RX50-0

REV.  
B

DRB 108A

SHO

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				
	I220021-0-0	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				
	D-MD-7425381-0-DBU	SPRING, TORSION	M				
	C-MD-7426979-0-DBU	SHIELD, HEAD, RX50	M				
				18	E-1A-7019527-0-DBU	HEAD SUB-ASSY UNLAPPED	M
					K-PL-7019527-0-DBP	HEAD SUB-ASSY UNLAPPED (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
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				
	K-PL-7019023-0-DBP	HEAD ASSY FLOPPY BUTTON (PL)	E/M				
	C-MD-7426344-0-DBU	SPRING BUTT BAR	M				
	C-MD-7426345-0-DBU	BAR R/W BUTT (FLOPPY HEAD)	M				
				20	E-1A-7019918-0-DBU	SHIELD ASSY RX50 DRIVE	M
					K-PL-7019918-0-DBP	SHIELD ASSY RX50 DRIVE (PL)	M
					E-MD-7427207-0-DBU	SHIELD, RX50 DRIVE	M

TYPE: E ELECTRICAL  
M MECHANICAL  
E/M ELECTRO/MECHANICAL

digital

TITLE: RX50 DUAL FLOPPY DISK DRIVE

SHEET 50F 6

SIZE CODE  
BDD

NUMBER  
RX50-0

REV.  
B

DRB 108A

SHO

FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE
				29	B-DD-5415111-0	READ/WRITE BOARD	E/M
				30	B-AD-7019178-0-DBU	SECTOR LED HOLDER ASSY	E/M
					K-PL-7019178-0-DBP	SECTOR LED HOLDER ASSY (PL)	E/M
					D-MD-7425931-0-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

digital

TITLE: RX50 DUAL FLOPPY DISK DRIVE

SHEET 6 OF 6

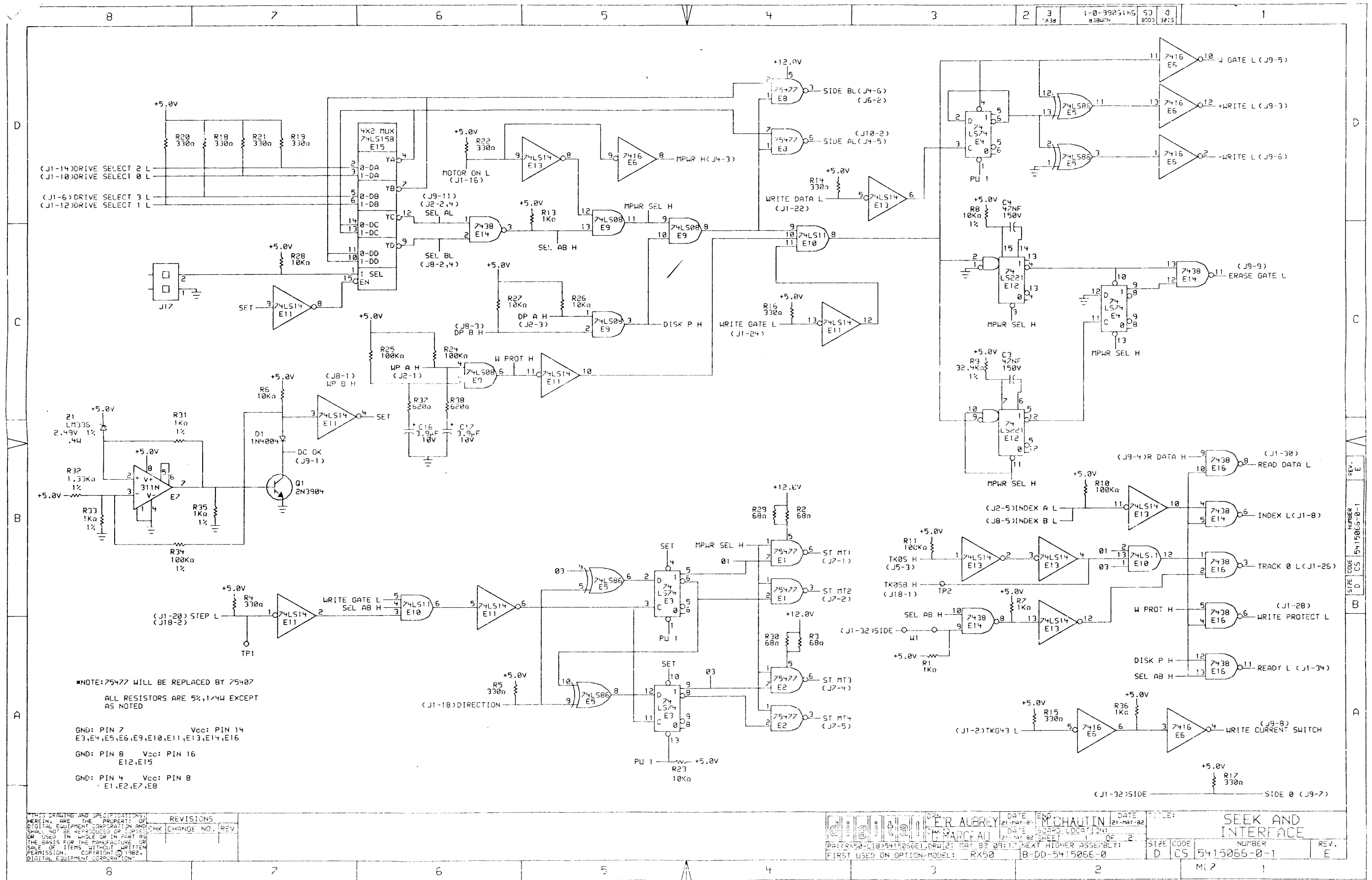
SIZE CODE  
B DD

NUMBER  
RX50-0

REV.  
B

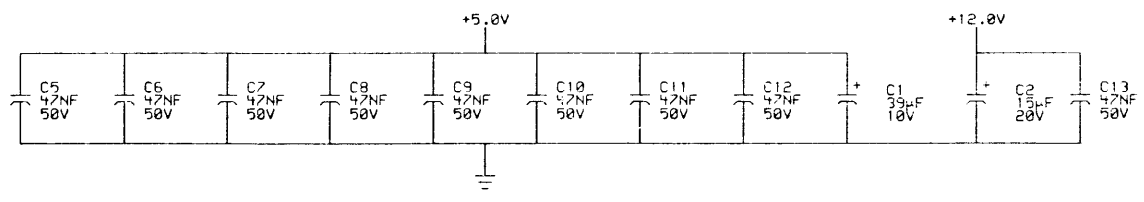
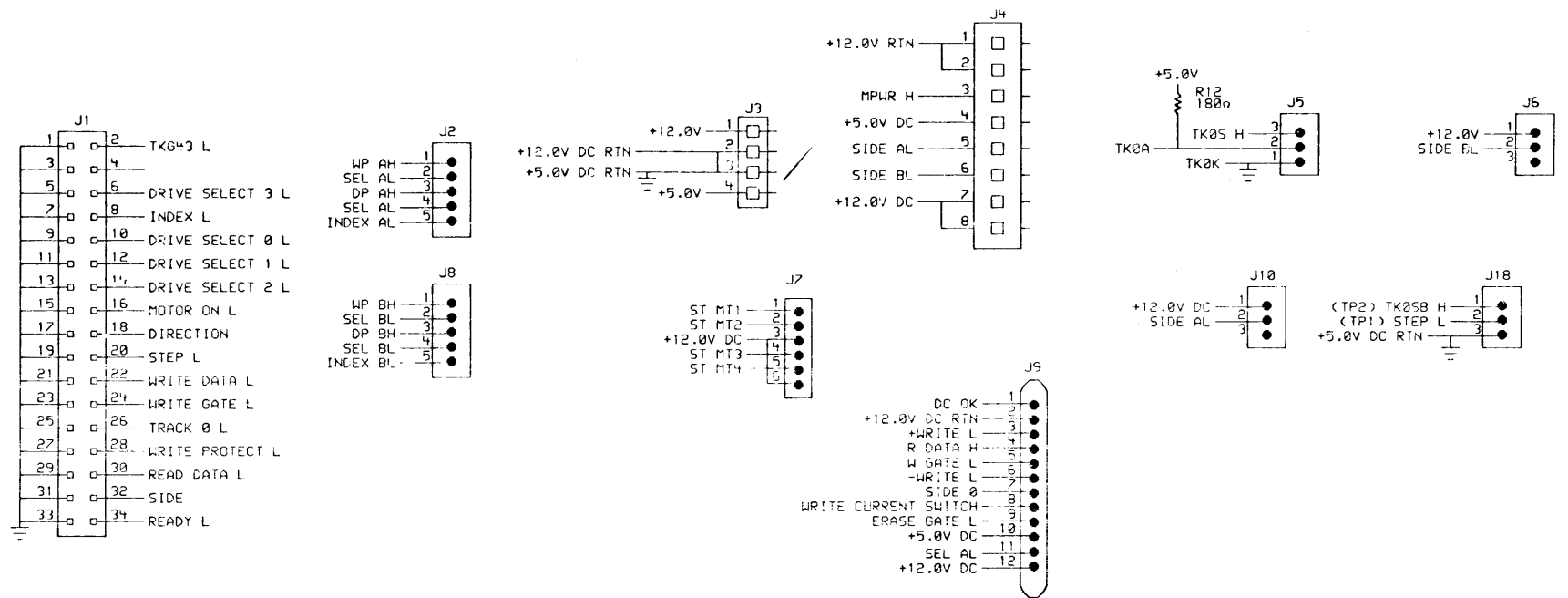
DRB 108A

SHO



REV.	E
NUMBER	5415065-0-1
SIZE CODE	CS
D	
B	
A	

DATE	21-MAY-82	DATE	21-MAY-82	TITLE	SEEK AND INTERFACE
DESIGNER	E. R. AUBREY	ENGINEER	M. CHAUTIN	SIZE CODE	D / CS
CHECKED	M. MARCEAU	DATE	21-MAY-82	NUMBER	5415065-0-1
PA: (RX50-LIB)5415066E1.DPL.1	DATE	21-MAY-82	SHEET	1	REV.
FIRST USED ON OPTION/MODEL:	RX50	NEXT HIGHER ASSEMBLY:	B-00-5415065-0		E

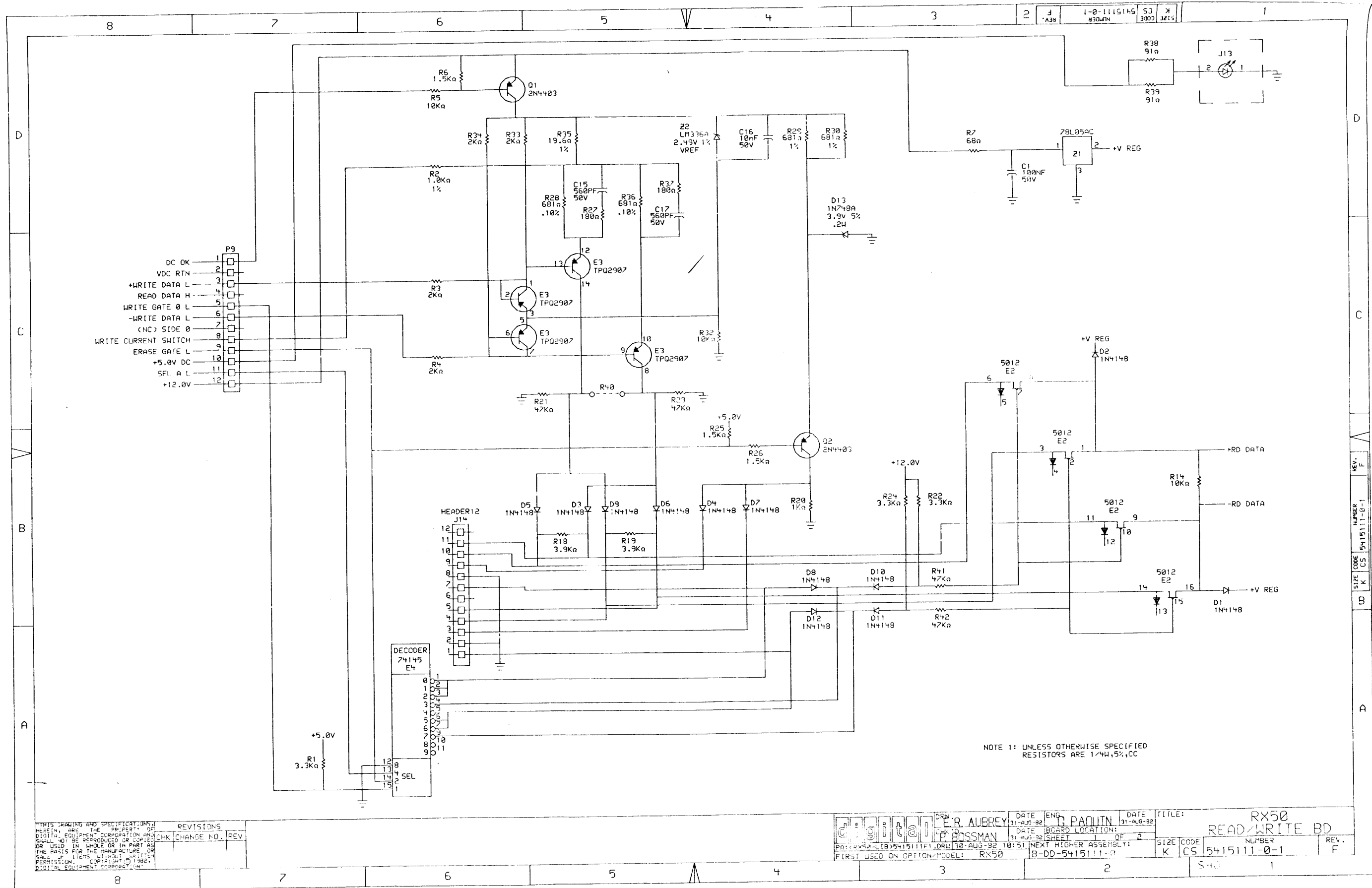


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REVISIONS		
CHK	CHANGE NO.	REV

	DRN: R. AUBREY	DATE: 21-MAY-82	ENG: M. CHAUTIN	DATE: 21-MAY-82	TITLE: SEEK AND INTERFACE
	CHK: MARCEAU	DATE: 21-MAY-82	BOARD LOCATION: 2	OF: 2	SIZE: D
PA: <RX50-LIB>5+15066E2.DPL.1 FIRST USED ON OPTION MODEL: RX50		NEXT HIGHER ASSEMBLY: B-D-5+15066-2		NUMBER: 5+15066-0-1	REV: E

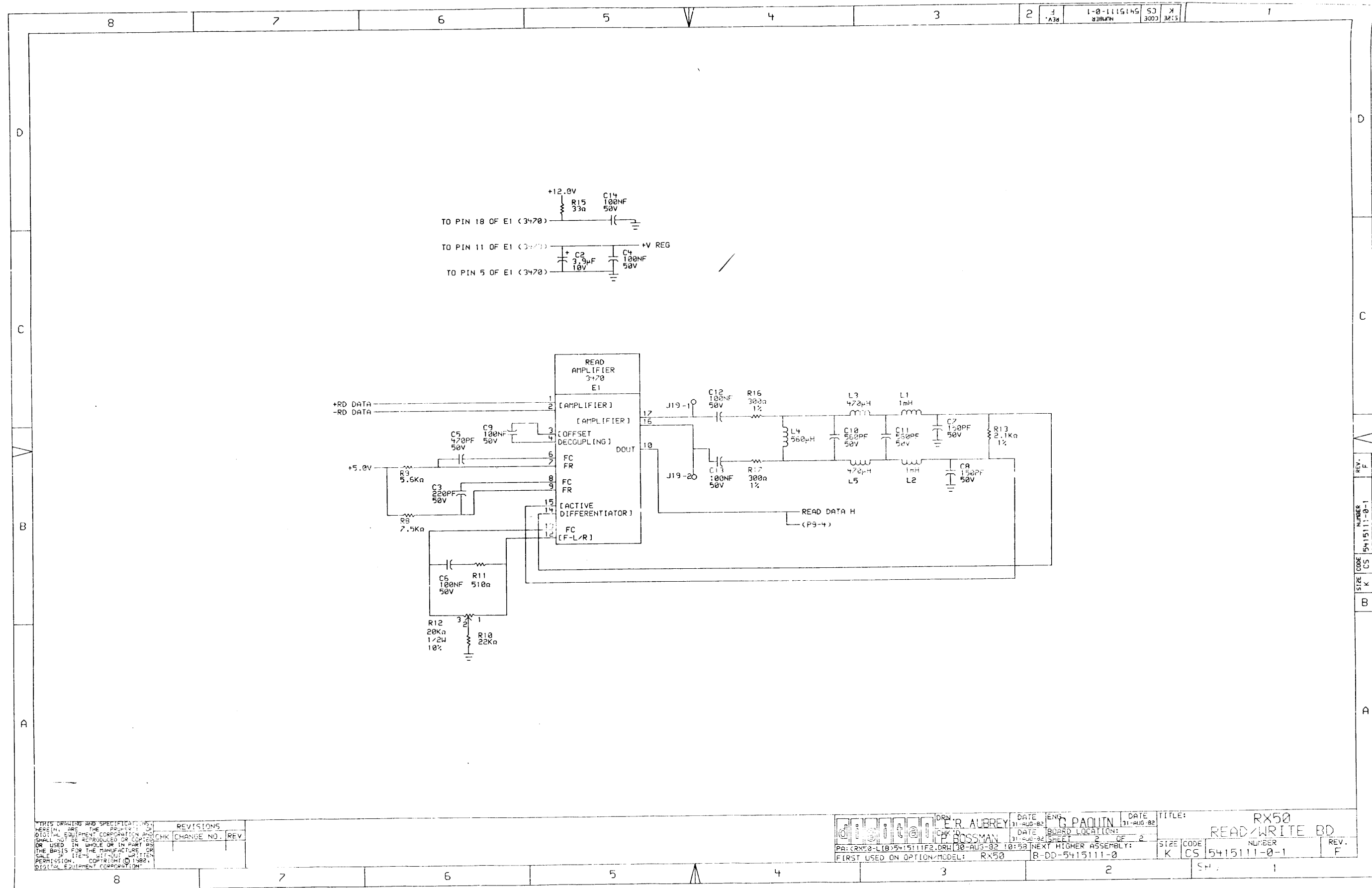
REV. E  
 NUMBER 5+15066-0-1  
 CS  
 D  
 B



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REVISIONS	
CHK	CHANGE NO. REV.

DATE: 31-AUG-82	ENG: E. R. AUBREY	DATE: 31-AUG-82	ENG: G. PAQUIN	TITLE: RX50
DATE: 31-AUG-82	DESIGNER: J. BOSSMAN	DATE: 31-AUG-82	BOARD LOCATION: 1	READ/WRITE BD
FIRST USED ON OPTION MODEL: RX50		NEXT HIGHER ASSEMBLY: B-DD-5415111-0		SIZE: K
				CODE: CS
				NUMBER: 5415111-0-1
				REV.: F



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REVISIONS	
CHK	CHANGE NO. REV.

	DWN: E. R. AUBREY DATE: 31-AUG-82 CHK: J. BOSSMAN DATE: 31-AUG-82	ENGR: G. PAQUIN DATE: 31-AUG-82 BOARD LOCATION: 2 OF 2	TITLE: RX50 READ/WRITE BD
PA: (RX50-LIB) 5415111F3.0RI 30-AUG-82 10:52 FIRST USED ON OPTION/MODEL: RX50	NEXT HIGHER ASSEMBLY: B-DD-5415111-0	SIZE CODE: K CS NUMBER: 5415111-0-1	REV.: F

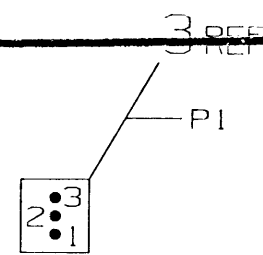
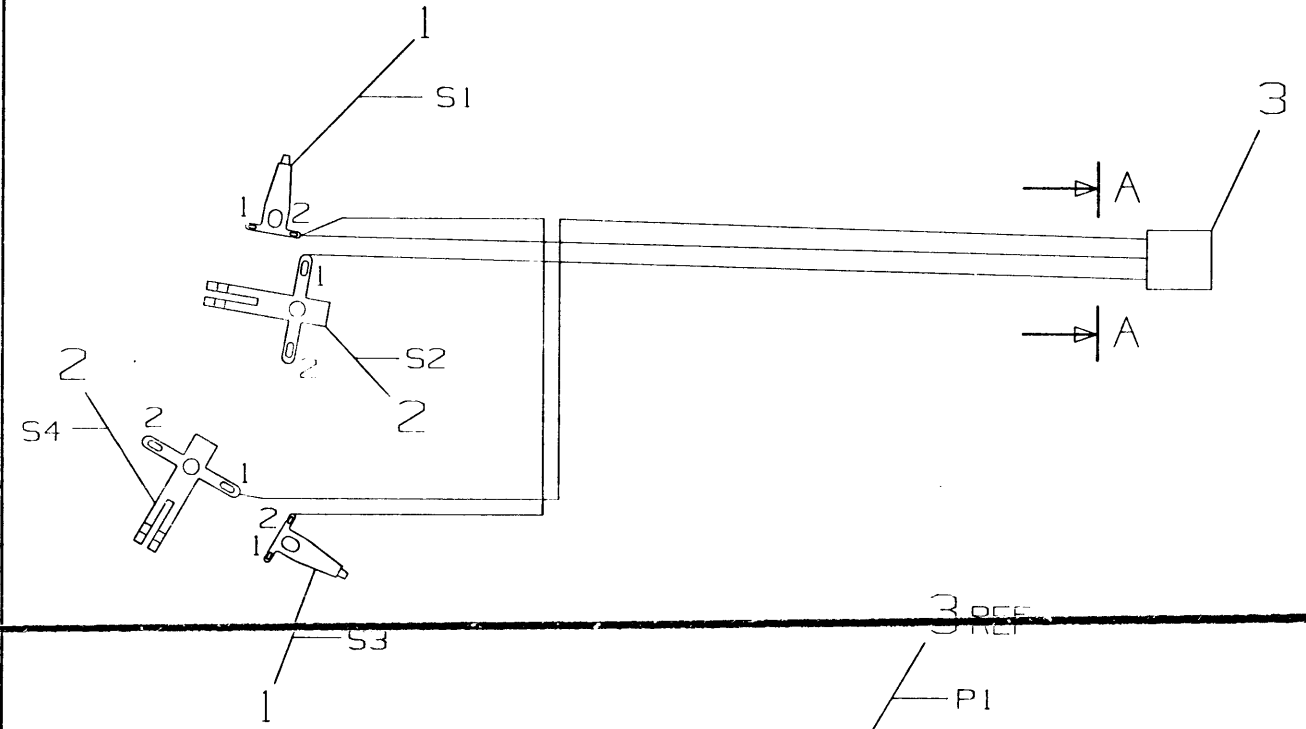


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### WIRE TABLE

ITEM NO.	DESCRIPTION		FROM		TO		PRECUT LENGTH
	AWG	COLOR	CONN	WITH	CONN	WITH	
6	26	YEL	P1-1	---	S2-1	SLDR	7.38 ±.12
5	26	GRN	P1-2	---	S1-2	SLDR	7.38 ±.12
4	26	RED	P1-3	---	S4-1	SLDR	10.00 ±.12
5	26	GRN	S1-2	SLDR	S3-2	SLDR	7.70 ±.12

NOTES:



LEGEND		
PART NO.	REV	VARIATION
7018834-00	A1	AS SHOWN

LAYER 2 : FORMAT LAYER

LAYER 1 : WORK LAYER

PLOT AT : 1.00

CAUTION: OFF-SHEET PARTS LIST EXISTS  
SEE K-PL-7018834-0-DBP

REV.	CHG	NO.	INITIAL
1	MC		A

FIRST HIGHER ASS'Y  
D-AD-7018932-0-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'	APPLICABLE DIMENSION RANGE (CHECK ONE)	
		SURFACE QUALITY	
MICROINCHES	THIRD ANGLE PROJECTION	DIMENSION RANGE IN INCHES	
		TITLE	
DO NOT SCALE DRAWING REMOVE BURRS AND BREAK SHARP CORNERS	DRN	DATE	digital
	CHK'D	DATE	
MATERIAL SEE PARTS LIST	DES. ENG.	DATE	CABLE ASSY, WRITE/PROTECT
	RESP. ENG.	DATE	
FINISH	MFG. ENG.	DATE	DOCUMENT NUMBER
	TOP DOC.	DATE	
C-IA-7018834-0-DBU			SCALE NONE SHEET 1 OF 1

REV. A  
NUMBER C-IA-7018834-0-DBU  
ML 1

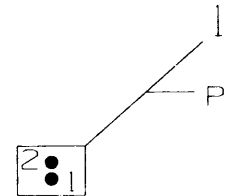
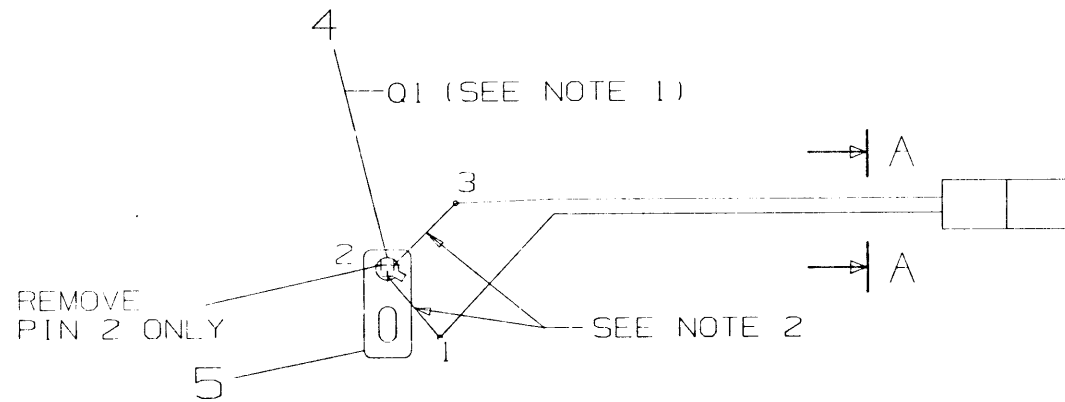
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LEGEND		
PART NO.	REV	VARIATION
7018835-00	A2	AS SHOWN

NOTES:  
 1. ORIENT Q1 AS SHOWN.  
 2. ADD ITEM 6 (SHRINK TUBING), 2 PLACES.

### WIRE TABLE

ITEM NO.	DESCRIPTION		FROM		TO		PRECUT LENGTH
	AWG	COLOR	CONN	WITH	CONN	WITH	
2	26	ORN	P1-1	---	Q1-1	SLDR	6.00 ±.12
3	26	BLU	P1-2	---	Q1-3	SLDR	6.00 ±.12



VIEW "A-A"

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

CAUTION: OFF-SHEET PARTS LIST EXISTS  
 SEE K-PL-7018835-0-DBP

FIRST HIGHER ASS'Y  
 D-AD-7018932-0-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'	APPLICABLE DIMENSION RANGE (CHECK ONE)																										
		<input type="checkbox"/>	DIMENSION RANGE IN INCHES																									
		<input checked="" type="checkbox"/>	MICROINCHES																									
QUANTITY & VARIATION		<table border="1"> <tr> <th>OVER TO</th> <th>OVER TO</th> <th>OVER TO</th> <th>OVER TO</th> <th>OVER TO</th> </tr> <tr> <td>0 TO 0.2</td> <td>0.2 TO 1.2</td> <td>1.2 TO 4.0</td> <td>4.0 TO 12.0</td> <td>12.0 TO 40.0</td> </tr> <tr> <td>±.02</td> <td>±.03</td> <td>±.05</td> <td>±.10</td> <td>±.10</td> </tr> <tr> <td>±.004</td> <td>±.008</td> <td>±.012</td> <td>±.016</td> <td>±.024</td> </tr> <tr> <td>±.04</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		OVER TO	OVER TO	OVER TO	OVER TO	OVER TO	0 TO 0.2	0.2 TO 1.2	1.2 TO 4.0	4.0 TO 12.0	12.0 TO 40.0	±.02	±.03	±.05	±.10	±.10	±.004	±.008	±.012	±.016	±.024	±.04				
OVER TO	OVER TO	OVER TO	OVER TO	OVER TO																								
0 TO 0.2	0.2 TO 1.2	1.2 TO 4.0	4.0 TO 12.0	12.0 TO 40.0																								
±.02	±.03	±.05	±.10	±.10																								
±.004	±.008	±.012	±.016	±.024																								
±.04																												
THIRD ANGLE PROJECTION 	DRN A. PINKARD	DATE 6 MAR 81	TITLE digital																									
DO NOT SCALE DRAWING	CHK'D R. PUDELKO	DATE 12 MAR 82	CABLE ASSY, INDEX																									
REMOVE BURRS AND BREAK SHARP CORNERS	DES. ENG. D. WARREN	DATE 12 MAR 82																										
MATERIAL SEE PARTS LIST	RESP. ENG. M. CARMAN	DATE 12 MAR 82	DOCUMENT NUMBER																									
FINISH ---	VFG. ENG. G. AIKEY	DATE 12 MAR 82	<table border="1"> <tr> <th>SIZE</th> <th>CODE</th> <th>NUMBER</th> <th>REV.</th> </tr> <tr> <td>C</td> <td>1A</td> <td>7018835-0-DBU</td> <td>B</td> </tr> </table>	SIZE	CODE	NUMBER	REV.	C	1A	7018835-0-DBU	B																	
SIZE	CODE	NUMBER	REV.																									
C	1A	7018835-0-DBU	B																									
SCALE		SHEET 1 OF 1																										

REVISIONS	CHANGE NO.	REV.
CHK		A
R.P.	INITIAL	B
7018835-SH001		
G. DRAYTON 6/16/83		
DALE WILLIAMS		

REV. B  
 NUMBER 7018835-0-DBU  
 SIZE CODE C 1A

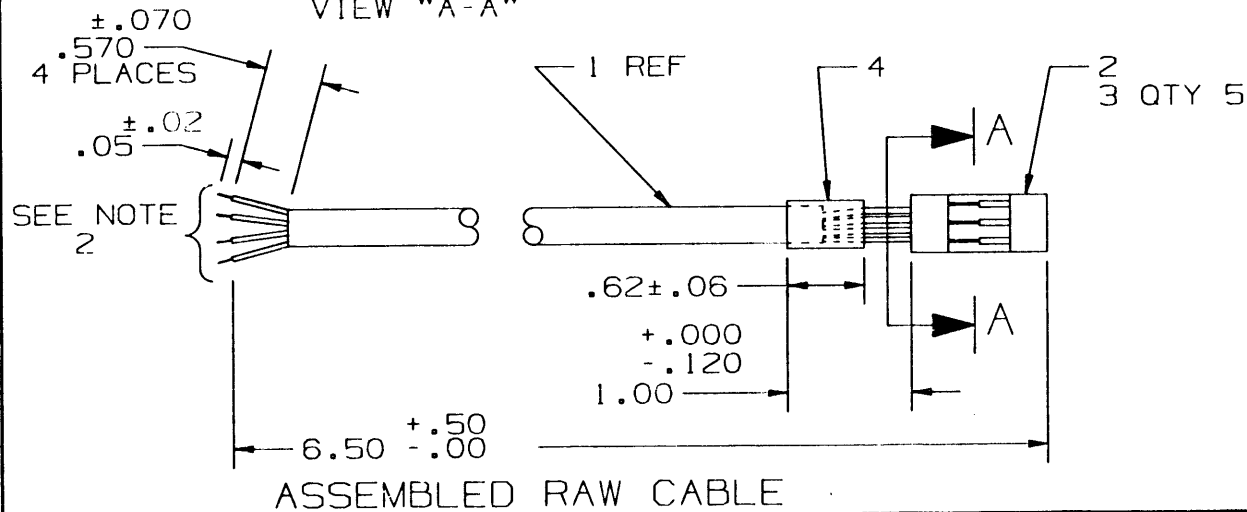
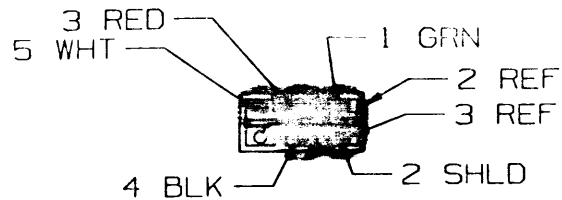
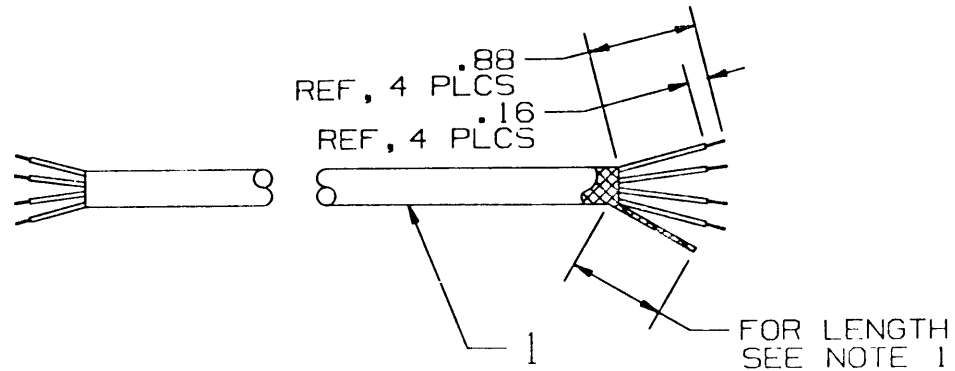
SHO

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LEGEND		
PART NO.	REV	VARIATION
7018418-00	A3	AS SHOWN

NOTES:

- SHIELD IS USED AS STRAIN RELIEF. WHEN CRIMP SOCKETS (ITEM 3) ARE INSERTED INTO CONNECTOR (ITEM 2), ALL WIRES EXCEPT SHIELD SHALL BE SLACK.
- CONDUCTORS TO BE TWISTED AND TINNED USING LOW TEMPERATURE NONE RESIN SOLDER FOR A LENGTH OF .03 MIN..03 WILL BE MEASURED FROM END OF CONDUCTOR.



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.	CHANGE NO.	INITIAL	DATE
A			
B			
C			

REVISIONS

CHK	R.P.	C.W.	RALPH	G. DRAYTON	DALE WILLIAMS

FIRST HIGHER ASS'Y  
 C-1A-7018708-0-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	ANGLES ±0° 30'	APPLICABLE DIMENSION RANGE (CHECK ONE)	
		<input type="checkbox"/> .X: ± .1	<input type="checkbox"/> .XX: ± .02
SURFACE QUALITY	MICROINCHES	DIMENSION RANGE IN INCHES	
		<input type="checkbox"/> .XXX: ± .005	<input type="checkbox"/> .02
		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	OVER 40.0 TO 60.0
		±.004	±.008
		±.012	±.016
		±.024	±.04
THIRD ANGLE PROJECTION	DRN	DATE	TITLE
<input checked="" type="checkbox"/>	A. PINKARD	26 FEB 81	digital
DO NOT SCALE DRAWING	CHK'D	DATE	CABLE ASSY, R/W
REMOVE BURRS AND BREAK SHARP CORNERS	R. PUDELKO	12 MAR 82	
MATERIAL	DES. ENG.	DATE	DOCUMENT NUMBER
SEE PARTS LIST	D. WARREN	12 MAR 82	
FINISH	RESP. ENG.	DATE	SCALE NONE SHEET 1 OF 1
NONE	D. WILLIAMS	12 MAR 82	
	MFG. ENG.	DATE	
	J. CHERNOVA	12 MAR 82	
	TOP DOC.		
	C-1A-7018418-0-DBU		

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

4  
 3  
 2  
 1  
 SHO

REV. B  
NUMBER 7018933-0-DBU  
SIZE CODE B 2

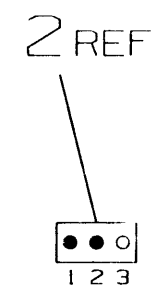
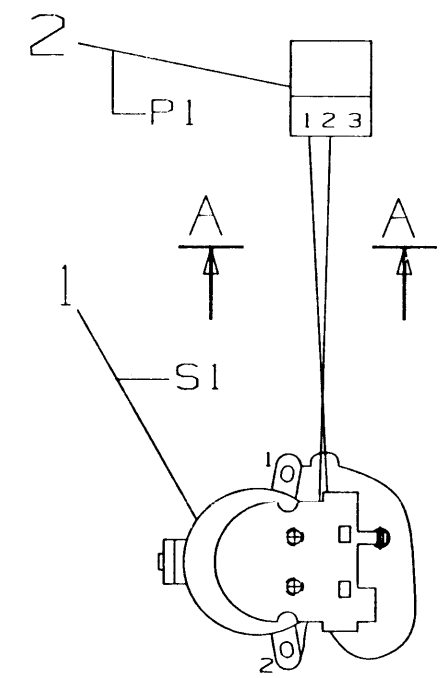
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### WIRE TABLE

ITEM NO.	DESCRIPTION		FROM		TO		REMARKS (PRECUT LENGTH)
	AWG	COLOR	CONN	WITH	CONN	WITH	
3	26	BLU	P1-2	—	S1-2	SLDR	4.00 ±.12
4	26	YEL	P1-1	—	S1-1	SLDR	5.00 ±.12

### NOTES:

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



VIEW "A-A"

LEGEND		
PART NO.	REV	VARIATION
7018933-00	A1	AS SHOWN

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

REVISIONS	REV.
CHANGE NO.	A
INITIAL	
7018933-SH001	B
C.W.FIELDS 6/26/84	
DALE WILLIAMS	
CHK	
RP	

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'	APPLICABLE DIMENSION RANGE	DIMENSION RANGE IN INCHES
		(CHECK ONE)	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 OVER 40.0 TO 80.0
SURFACE QUALITY ✓ MICROINCHES		<input type="checkbox"/> ±.02 <input type="checkbox"/> ±.004 <input type="checkbox"/> ±.008 <input type="checkbox"/> ±.012 <input type="checkbox"/> ±.015 <input type="checkbox"/> ±.024 <input type="checkbox"/> ±.04	
THIRD ANGLE PROJECTION	DRN A. PINKARD DATE 13 NOV 81	TITLE digital	
DO NOT SCALE DRAWING	CHK'D R. PUDELKO DATE 12 MAR 82	CABLE ASSY	
REMOVE BURRS AND BREAK SHARP CORNERS	DES. ENG. D. WARREN DATE 12 MAR 82	SOLENOID	
MATERIAL SEE PARTS LIST	RESP. ENG. M. CARMAN DATE 12 MAR 82	DOCUMENT NUMBER	
FINISH NONE	MFG. ENG. G. AIKEY DATE 12 MAR 82	SIZE CODE NUMBER B IA 7018933-0-DBU	REV. B
TOP DOC. B-1A-7018933-0-DBU		SCALE NONE	SHEET 1 OF 1

A

A

4

3

2

1

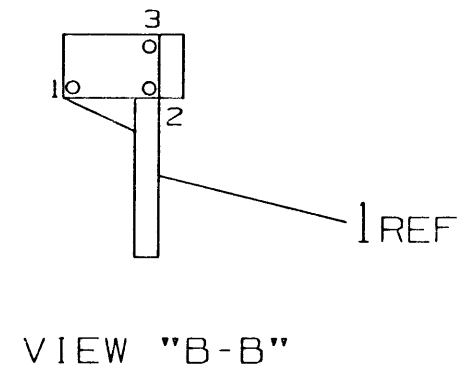
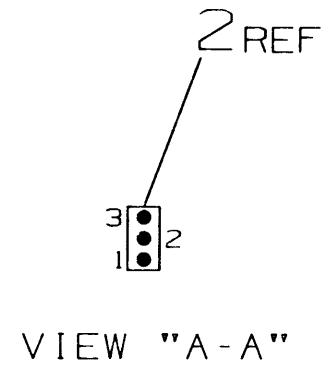
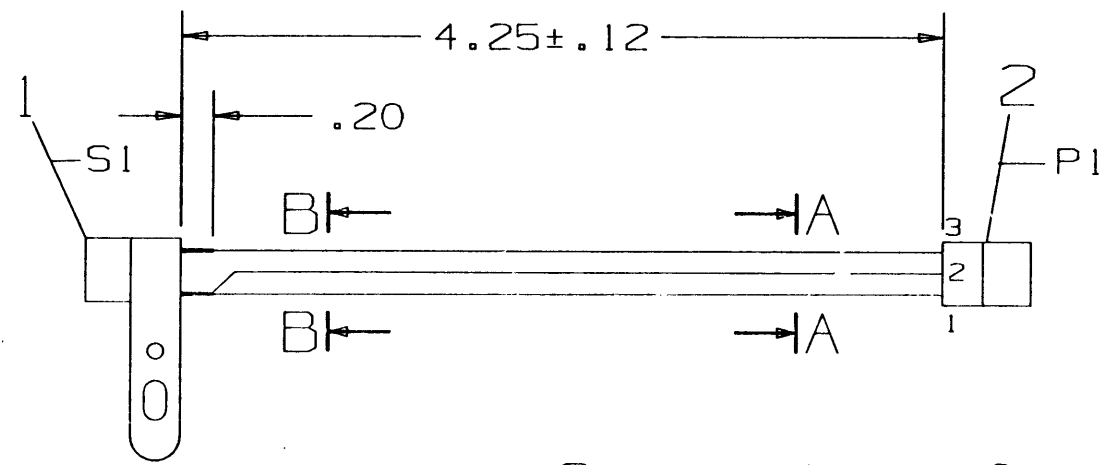
SHO

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# WIRE TABLE

NOTES:

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



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

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

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

REVISIONS	CHANGE NO.	REV.	INITIAL
		A	
		B	
7018931-SH001			
G.C. MACKENZIE 19 MAY 84			
DALE WILLIAMS			

FIRST HIGHER ASSY E-UA-RX50-0-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 40° 30'  SURFACE QUALITY <input checked="" type="checkbox"/> MICROFINISH	APPLICABLE DIMENSION RANGE (CHECK ONE)					
		DIMENSION RANGE IN INCHES					
		OVER 0.2 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	
QUANTITY & VARIATION		±.02	±.03	±.05	±.10		
		±.004	±.008	±.012	±.018	±.024	±.04
THIRD ANGLE PROJECTION	DRN A. PINKARD DATE 12 NOV 81	TITLE					
DO NOT SCALE DRAWING	CHK'D R. PUDELKO DATE 12 MAR 92	digital					
REMOVE BURRS AND BREAK SHARP CORNERS	DES. ENG. D. WARREN DATE 12 MAR 82	CABLE ASSY, TRACK 0 SENSOR					
MATERIAL	RESP. ENG. M. CARMAN DATE 12 MAR 82	DOCUMENT NUMBER					
SEE PARTS LIST	MFG. ENG. G. AIKEY DATE 12 MAR 82	B IA 7018931-0-DBU B					
FINISH NONE	TOP DOC. B-1A-7018931-0-DBU	SCALE NONE	SHEET 1 OF 1				

SHO

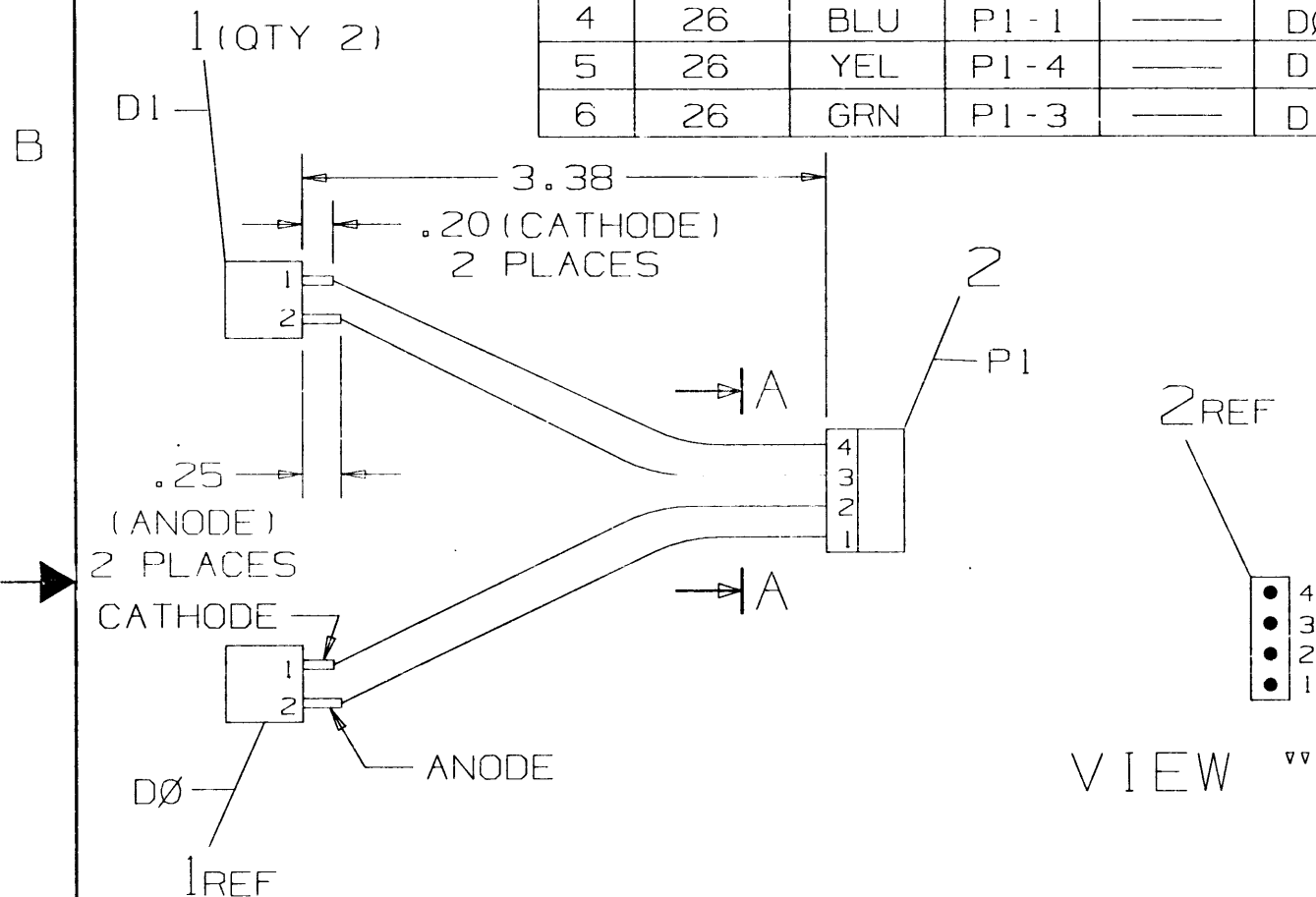
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# WIRE TABLE

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

### NOTES:

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



VIEW "A-A"

### LEGEND

PART NO.	REV	VARIATION
7019041-00	A2	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

REV.	CHG	INITIALS
A		A
B		B

G. DRAYTON 6/16/83  
 DALE WILLIAMS

FIRST HIGHER ASSY B-1A-7019118-0-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	ANGLES 10° 30'	APPLICABLE DIMENSION RANGE	DIMENSION RANGE IN INCHES					
			OVER 0.2 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	OVER 40.0 TO 60.0
XX: ±.1 XX: ±.02 XXX: ±.005		(CHECK ONE)	±.02	±.03	±.05	±.10		
SURFACE QUALITY			±.004	±.008	±.012	±.016	±.024 ±.04	
THIRD ANGLE PROJECTION	DRN A. PINKARD	DATE 13 NOV 81	TITLE digital					
DO NOT SCALE DRAWING	CHK'D R. PUDELKO	DATE 12 MAR 82	CABLE ASSY					
REMOVE BURRS AND BREAK SHARP CORNERS	DES. ENG. D. WARREN	DATE 12 MAR 82	BEZEL LED					
MATERIAL	RESP. ENG. M. CARMAN	DATE 12 MAR 82	DOCUMENT NUMBER					
SEE PARTS LIST	MFG. ENG. G. AIKEY	DATE 12 MAR 82	SIZE B	CODE IA	NUMBER 7019041-0-DBU	REV. B		
FINISH NONE	TOP DOC.	B-1A-7019041-0-DBU	SCALE NONE	SHEET 1	OF 1			