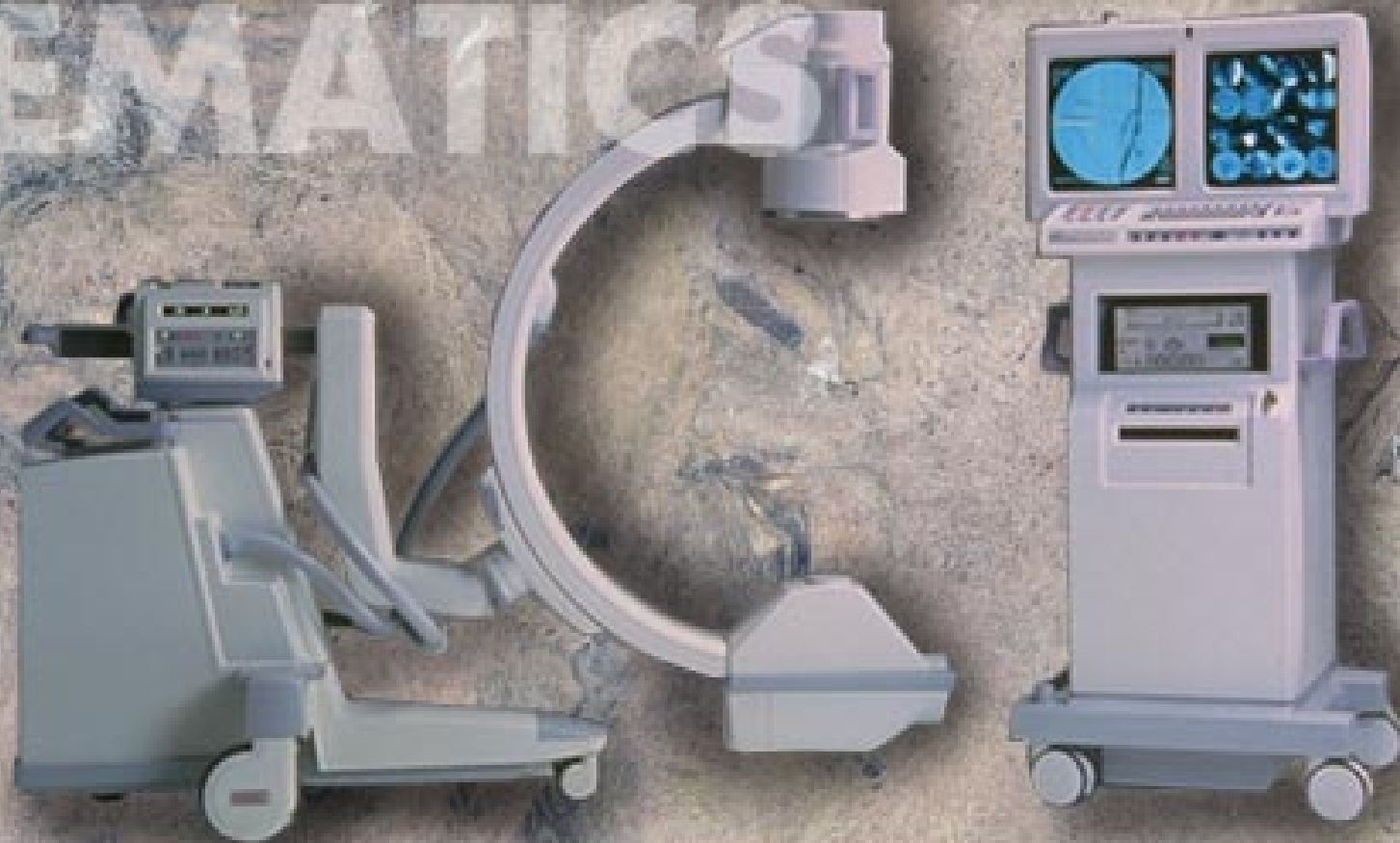


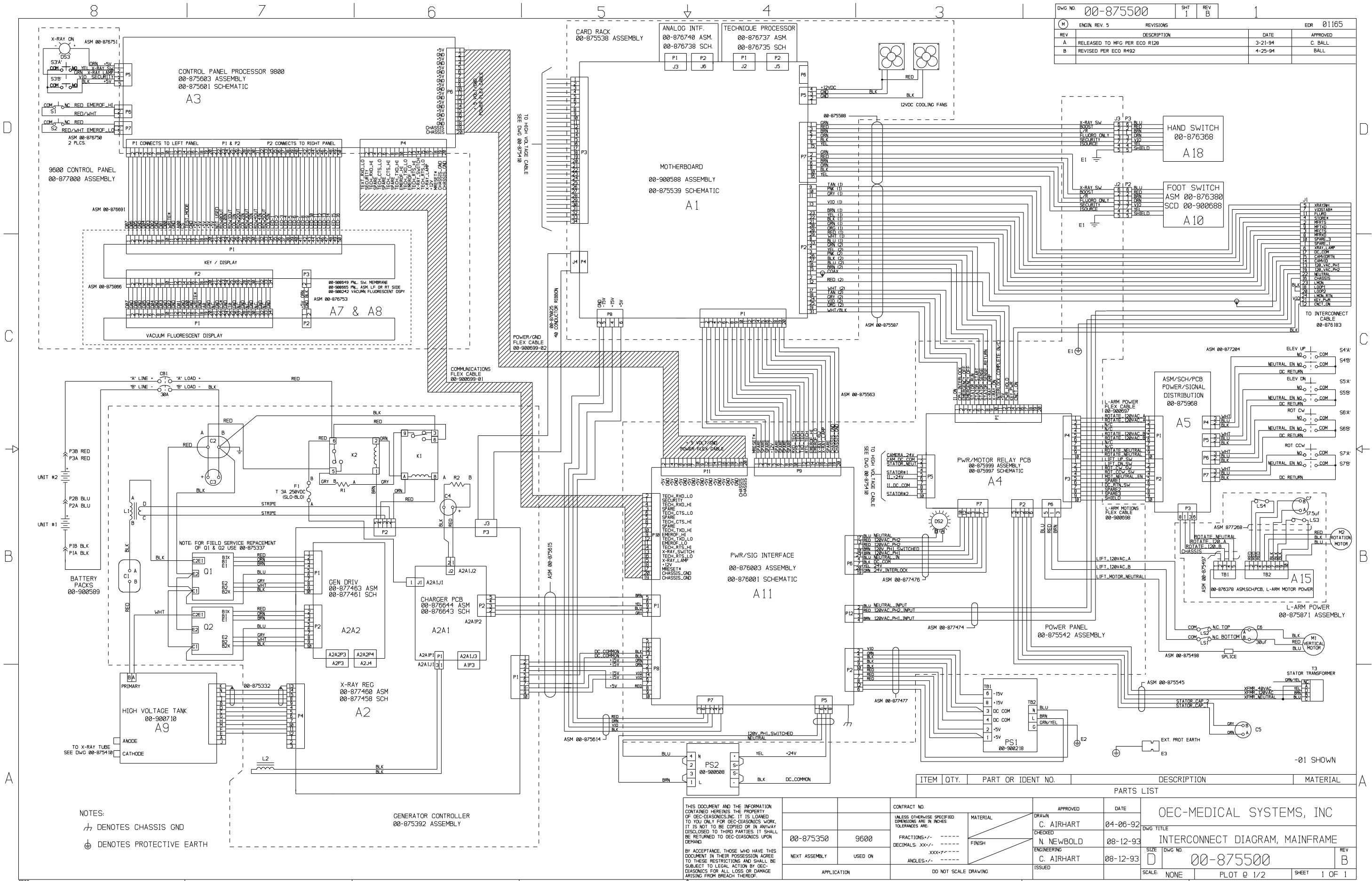
SERIES 9600™

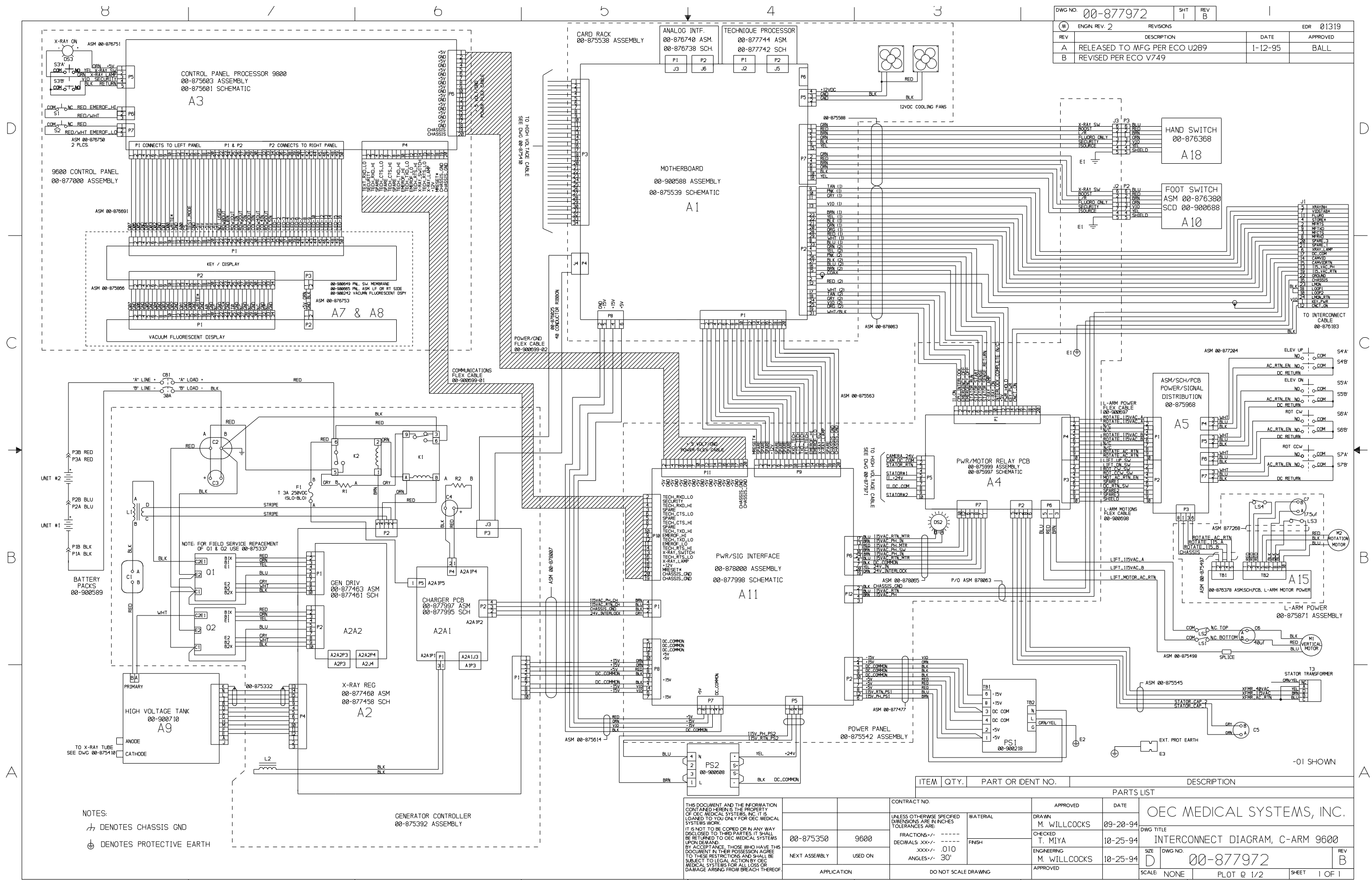
SCHEMATICS



OEC

OEC MEDICAL
SYSTEMS, INC





DWG NO. 00-877972		REV 1	REV 2	REV 3
ENGIN. REV. 2		REVISIONS		EDR 01319
REV	DESCRIPTION	DATE	APPROVED	
A	RELEASED TO MFG PER ECO U289	1-12-95	BALL	
B	REVISED PER ECO V749			

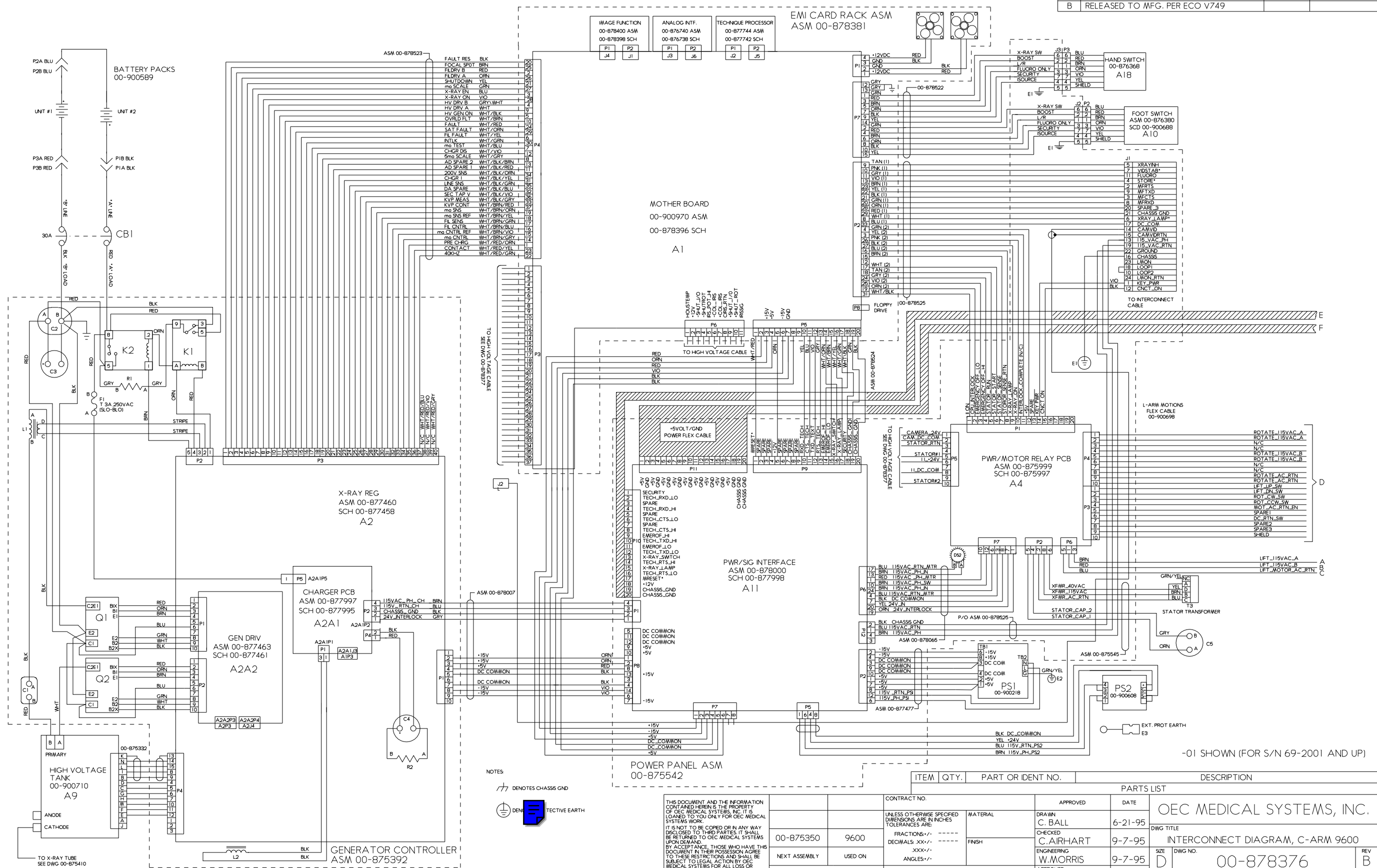
ITEM		QTY.	PART OR IDENT NO.		DESCRIPTION			
PARTS LIST								
CT NO.			APPROVED		DATE		OEC MEDICAL SYSTEMS, INC. DWG TITLE INTERCONNECT DIAGRAM, C-ARM 9600 DWG NO. 00-877972 REV B	
OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED DIMENSIONS ARE TOLERANCES: +/- ----- FRACTIONS: 1/16, 1/8, 1/4, 1/2, 3/4, 1, 2, 3, 4, 5, 6, 8, 10, 12, 14, 16, 18, 20, 24, 30, 36, 48, 60, 72, 96, 120, 144, 180, 216, 240, 300, 360, 480, 600, 720, 960, 1200, 1440, 1800, 2160, 2400, 3000, 3600, 4800, 6000, 7200, 9600, 12000, 14400, 18000, 21600, 24000, 30000, 36000, 48000, 60000, 72000, 96000, 120000, 144000, 180000, 216000, 240000, 300000, 360000, 480000, 600000, 720000, 960000, 1200000, 1440000, 1800000, 2160000, 2400000, 3000000, 3600000, 4800000, 6000000, 7200000, 9600000, 12000000, 14400000, 18000000, 21600000, 24000000, 30000000, 36000000, 48000000, 60000000, 72000000, 96000000, 120000000, 144000000, 180000000, 216000000, 240000000, 300000000, 360000000, 480000000, 600000000, 720000000, 960000000, 1200000000, 1440000000, 1800000000, 2160000000, 2400000000, 3000000000, 3600000000, 4800000000, 6000000000, 7200000000, 9600000000, 12000000000, 14400000000, 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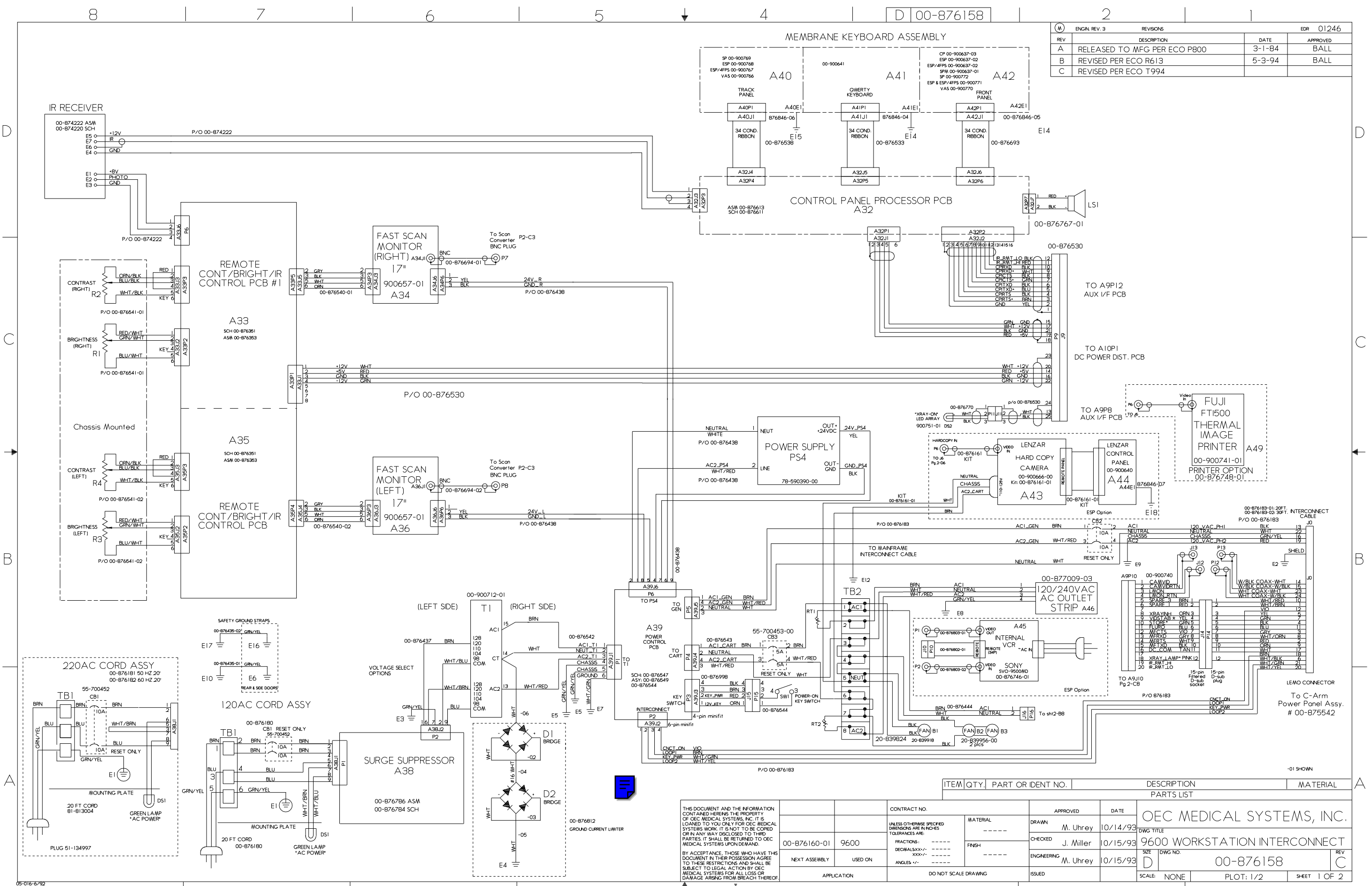
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CONTRACT NO.		APPROVED		DATE	
00-875350		M. WILLCOCKS		09-20-94	
NEXT ASSEMBLY		CHECKED		10-25-94	
USED ON		ENGINEERING		10-25-94	
APPLICATION		APPROVED			
DO NOT SCALE DRAWING					

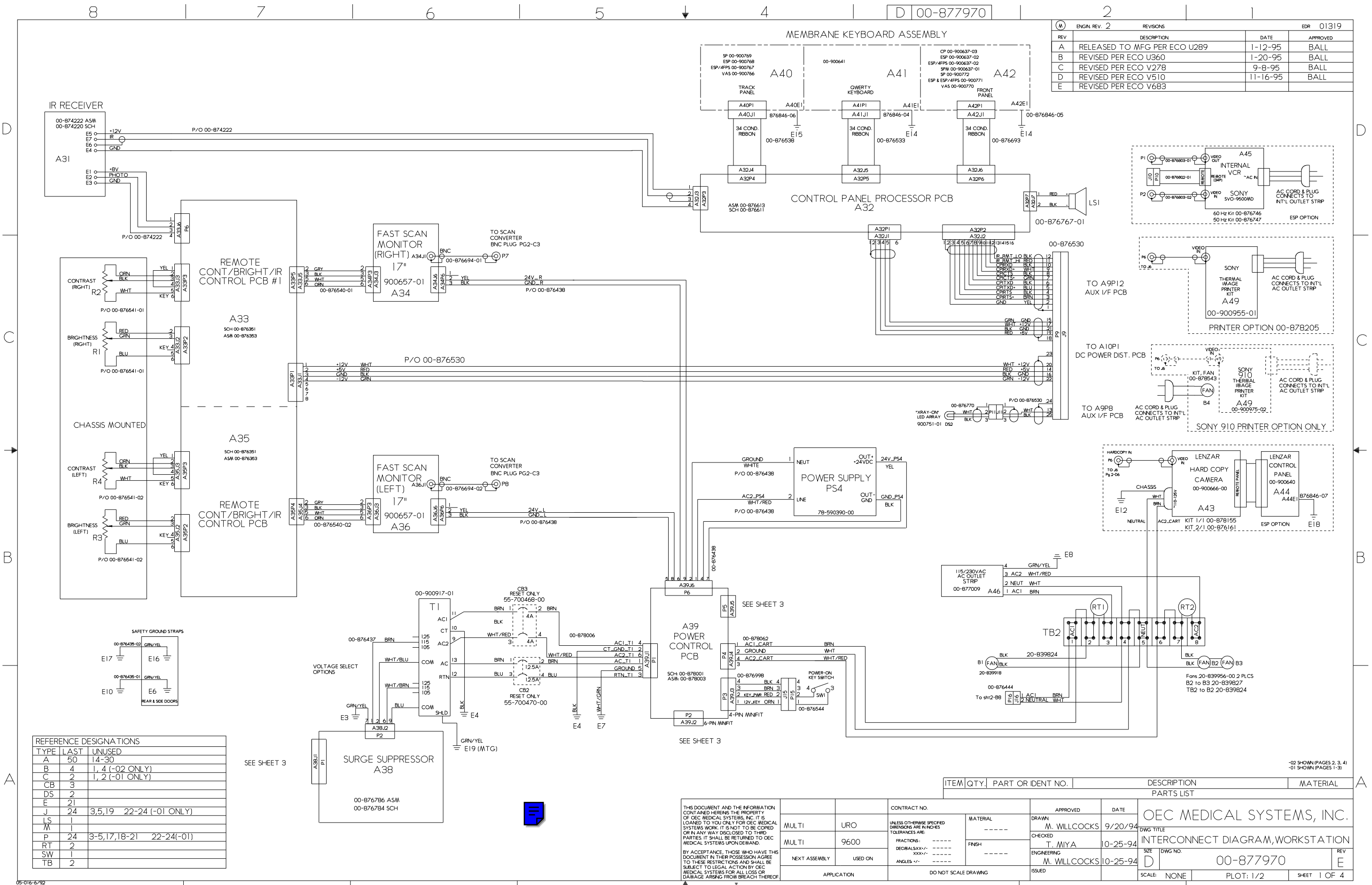
NOTES:
DENOTES CHASSIS GND
DENOTES PROTECTIVE EARTH

GENERATOR CONTROLLER
00-875392 ASSEMBLY

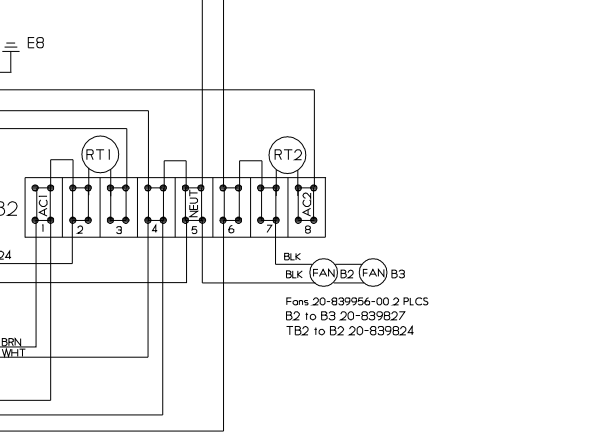
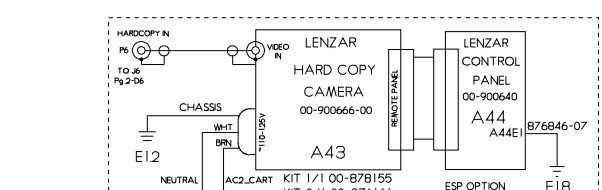
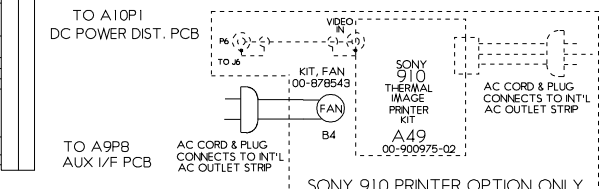
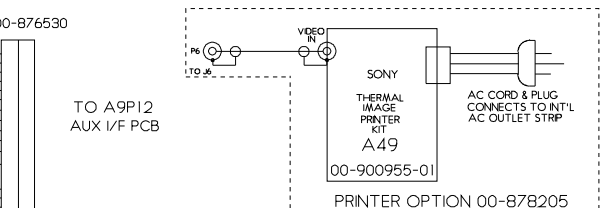
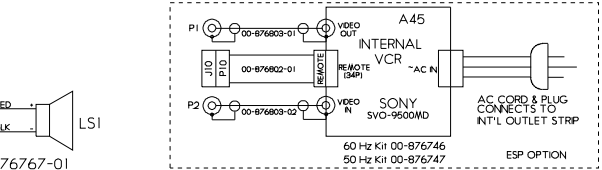








REVISIONS		DATE	APPROVED
REV	DESCRIPTION		
A	RELEASED TO MFG PER ECO U289	1-12-95	BALL
B	REVISED PER ECO U360	1-20-95	BALL
C	REVISED PER ECO V278	9-8-95	BALL
D	REVISED PER ECO V510	11-16-95	BALL
E	REVISED PER ECO V683		



-02 SHOWN (PAGES 2, 3, 4)
-01 SHOWN (PAGES 1-3)

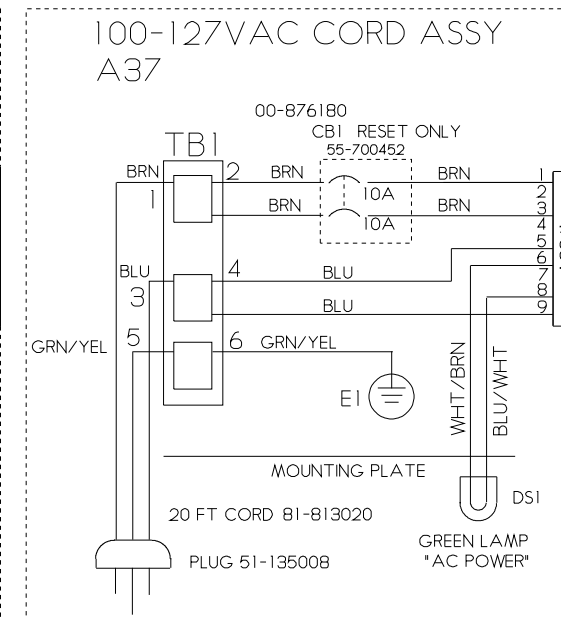
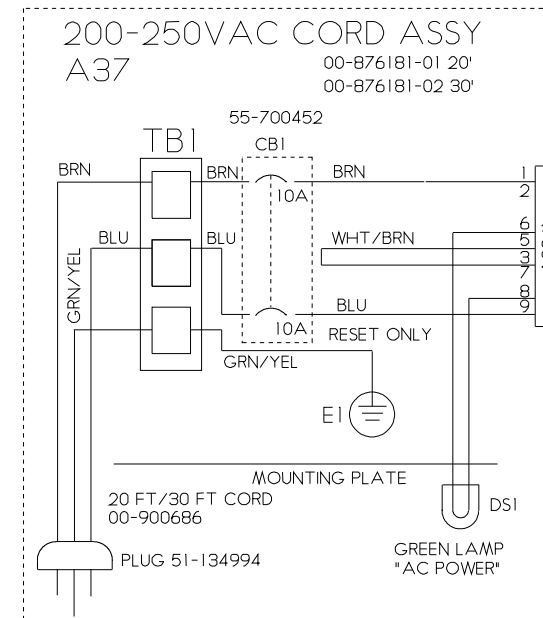
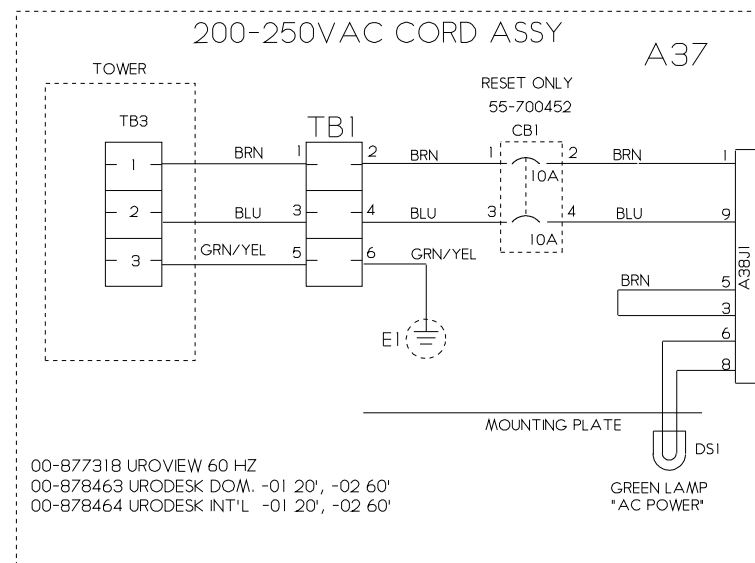
ITEM	QTY.	PART OR IDENT NO.	DESCRIPTION	MATERIAL
PARTS LIST				

MULTI		URO	CONTRACT NO.	MATERIAL	APPROVED	DATE	DWG TITLE
MULTI		9600					
NEXT ASSEMBLY		USED ON	DO NOT SCALE DRAWING	FINISH	ISSUED	10-25-94	INTERCONNECT DIAGRAM, WORKSTATION
APPLICATION							

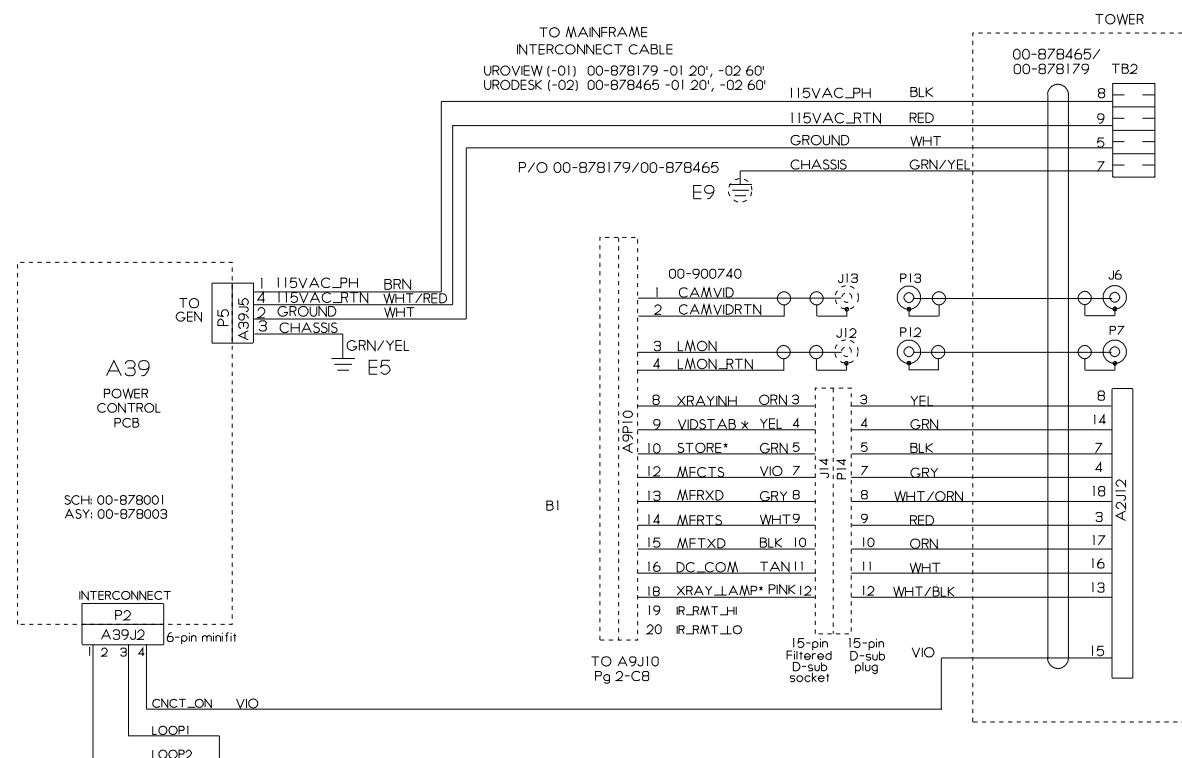
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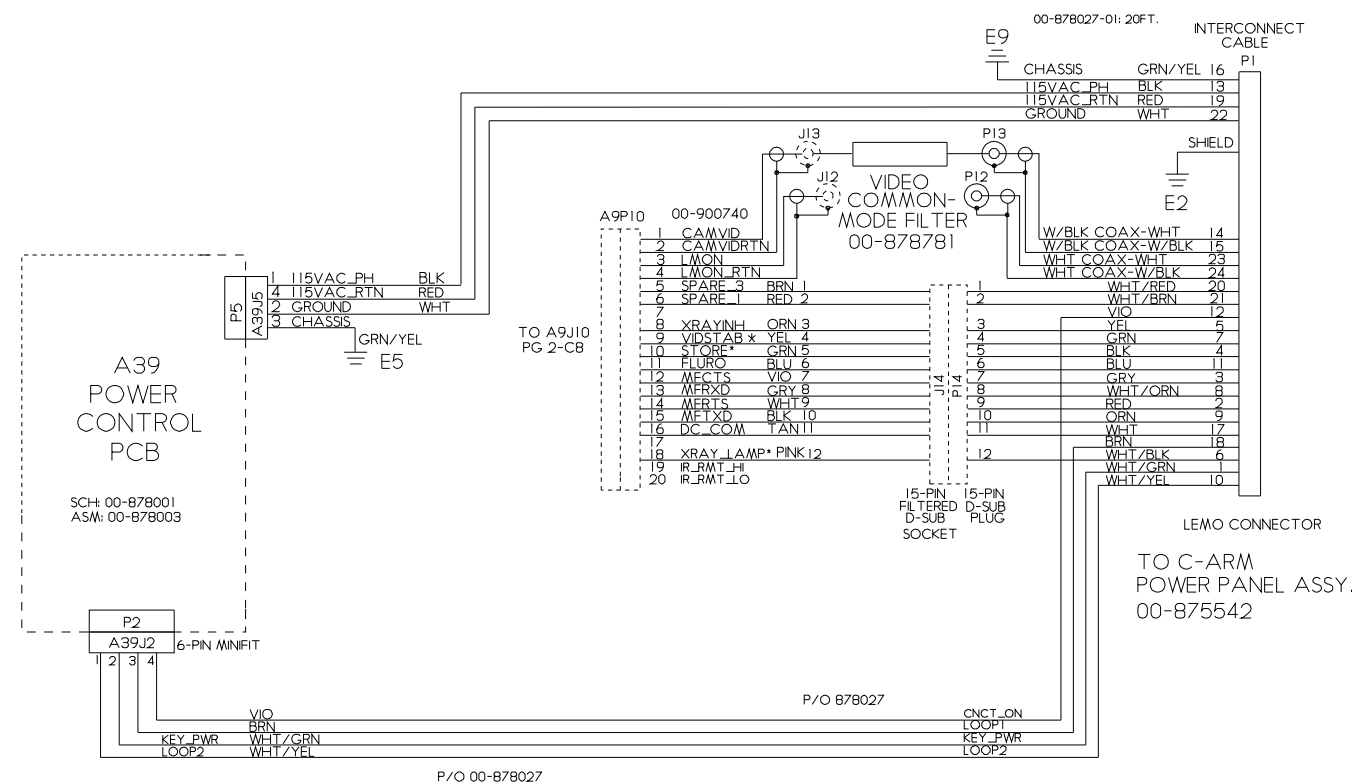




URO 2600 Interconnect Diagrams and Power Cables
Including UroDesk Option

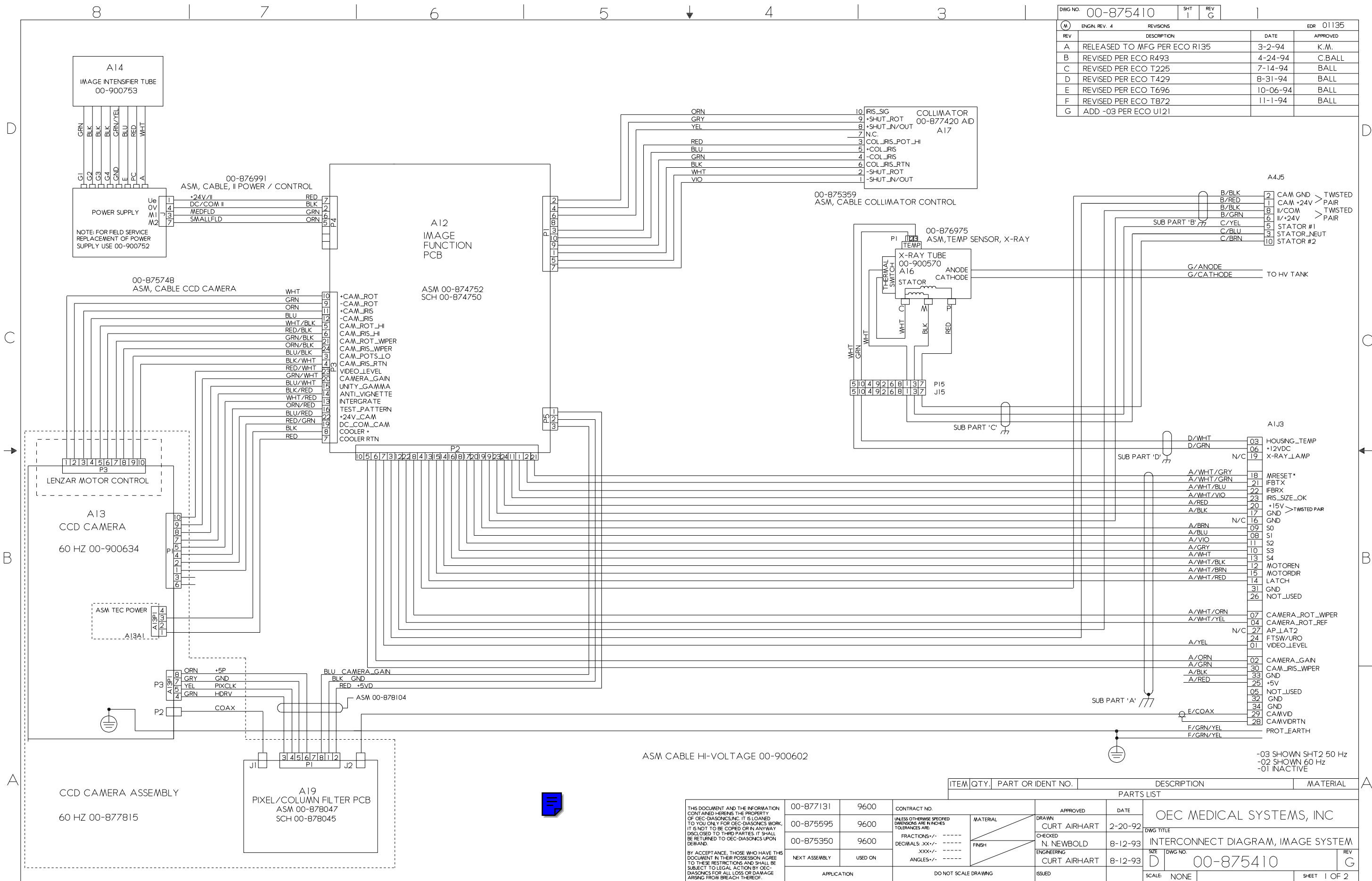


9600 C-Arm Interconnect Diagrams and Power Cables



Ref. Interconnect Diagrams
Image System 00-878377
C-Arm System 00-878376





D

C

B

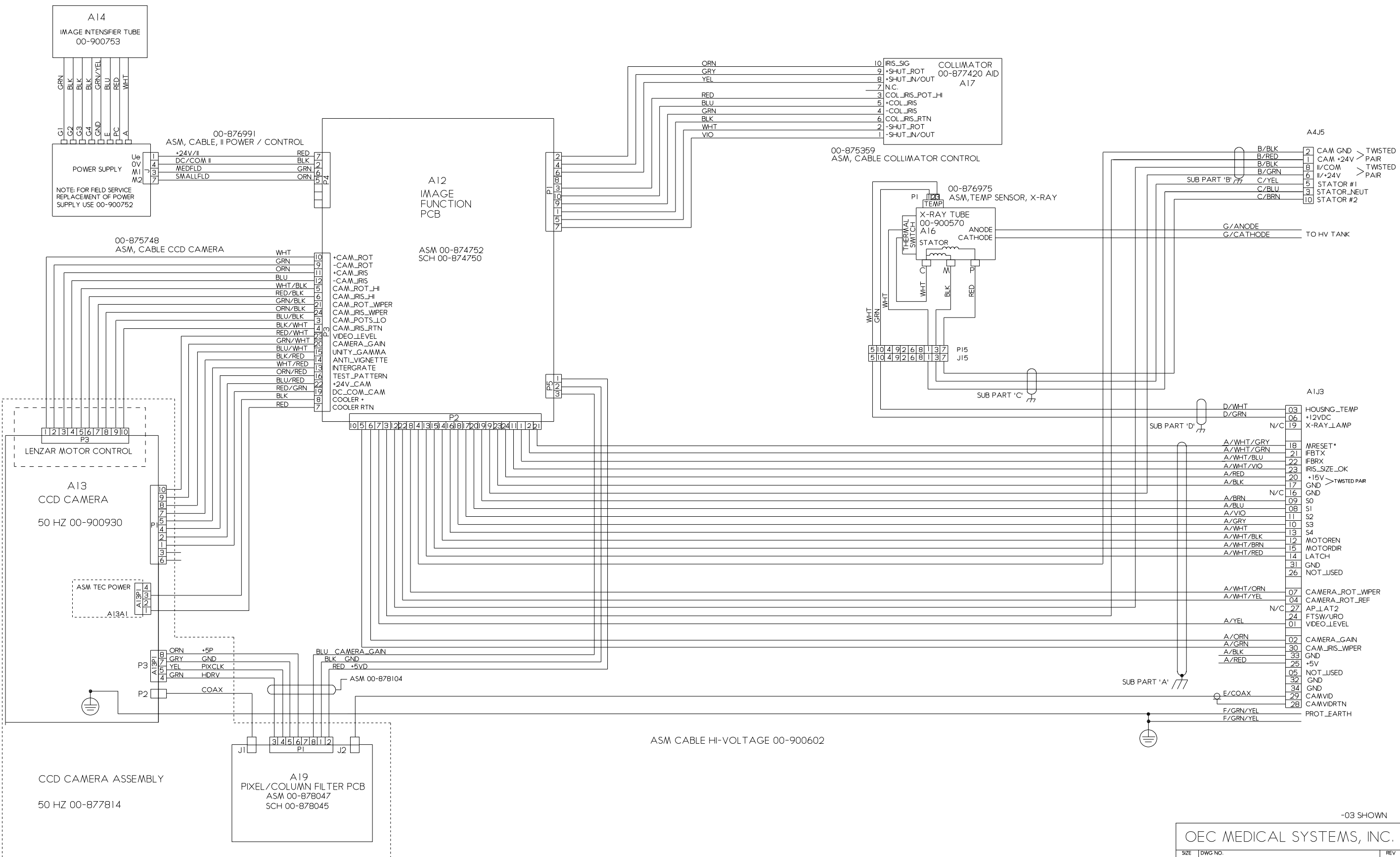
A

D

C

B

A

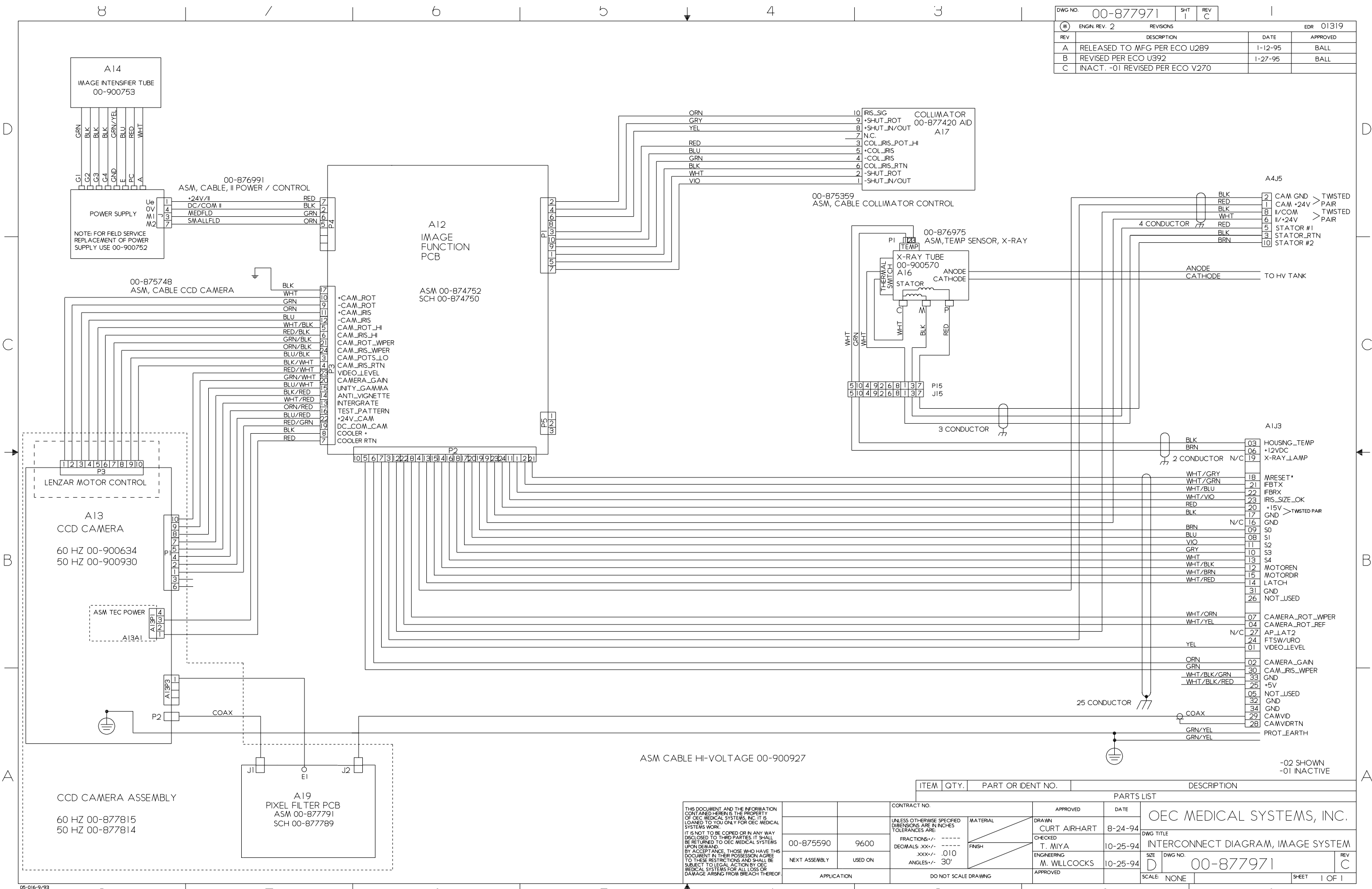


-03 SHOWN

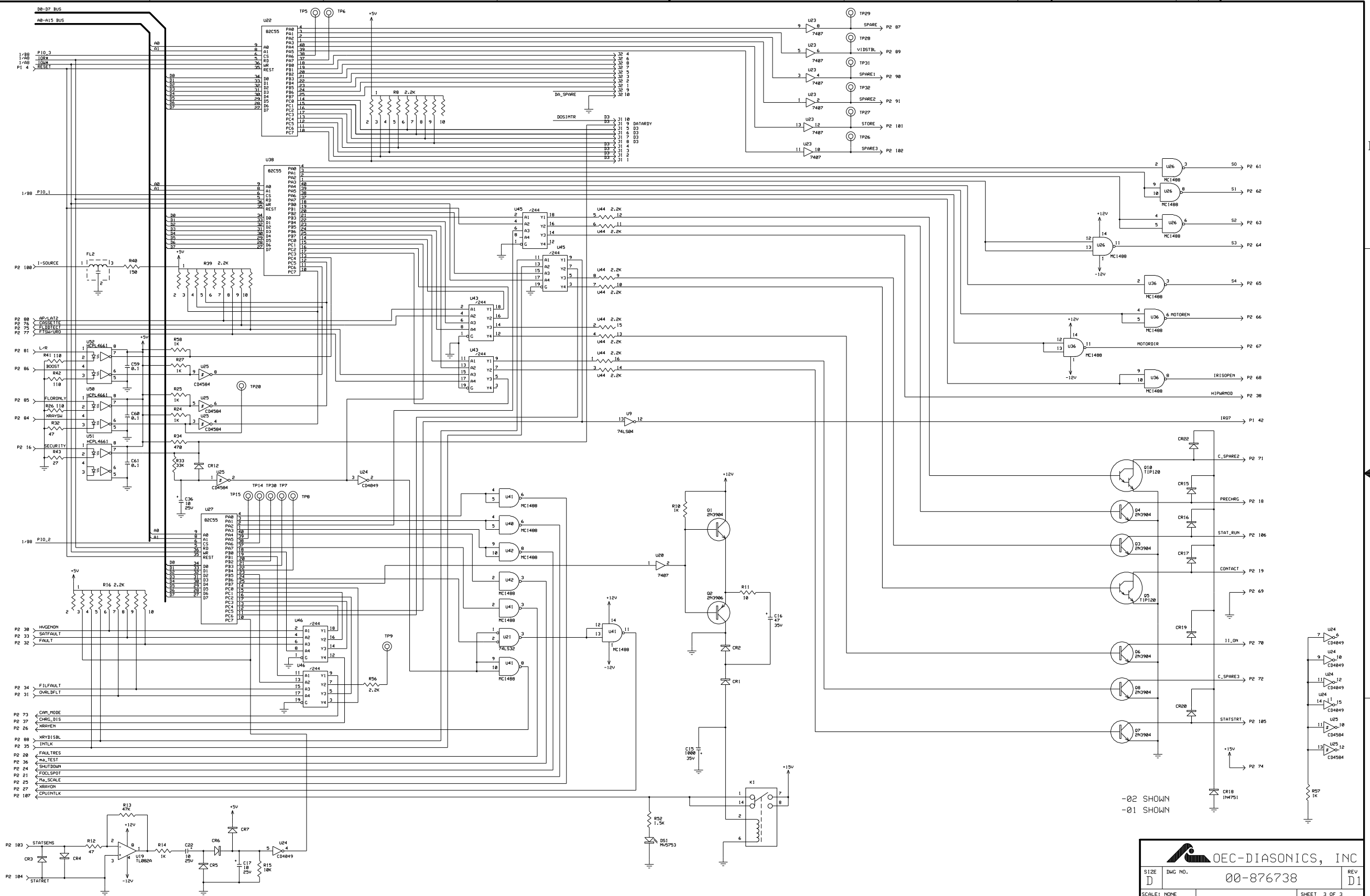
OEC MEDICAL SYSTEMS, INC.

SIZE	DWG NO.	REV
D	00-875410	G
SCALE:	NONE	SHEET 2

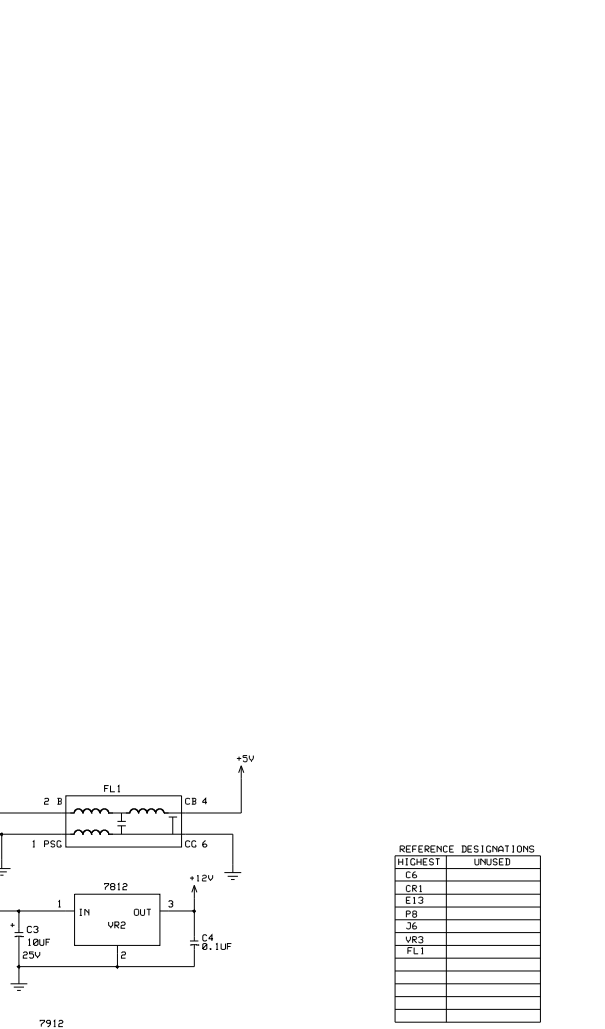
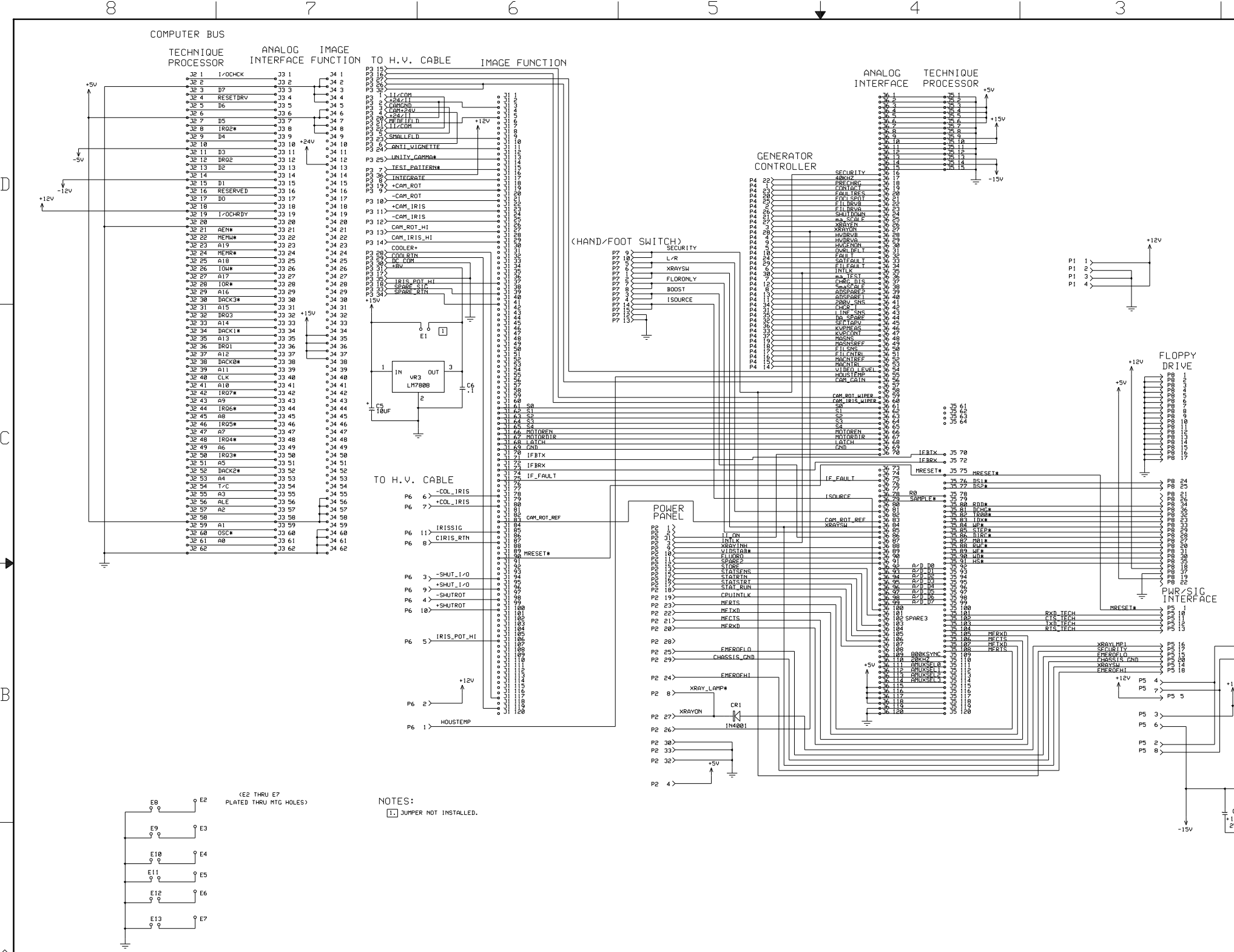
DWG NO.		00-877971		SHT	1	REV	C		
(W)	ENGIN. REV. 2		REVISIONS				EDR 01319		
REV	DESCRIPTION					DATE		APPROVED	
A	RELEASED TO MFG PER ECO U289					1-12-95		BALL	
B	REVISED PER ECO U392					1-27-95		BALL	
C	INACT. -01 REVISED PER ECO V270								



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				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS: +/- ----- DECIMALS: .XX +/- ----- ANGLES: +/- 30'		MATERIAL FINISH		DRAWN		8-24-94		DWG TITLE			
								CURT AIRHART		10-25-94		INTERCONNECT DIAGRAM, IMAGE SYSTEM			
								CHECKED				SIZE			
								T. MIYA				DWG NO.			
00-875590		9600				ENGINEERING		10-25-94		D		00-877971		REV	
NEXT ASSEMBLY		USED ON				M. WILLCOCKS				C					
APPLICATION				DO NOT SCALE DRAWING				APPROVED		SCALE: NONE		SHEET 1 OF 1			

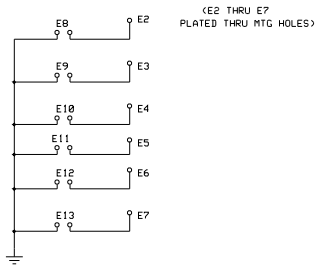


Dwg. No. 00-878396		SH 1	REV A1	1
(M) ENGRG REV 3		EDR 01340		
REV	DESCRIPTION	DATE	APPROVED	
A	RELEASED TO MANUFACTURING PER ECO V557	11-21-95	C. BALL	
A1	REVISED PER ECO V730			

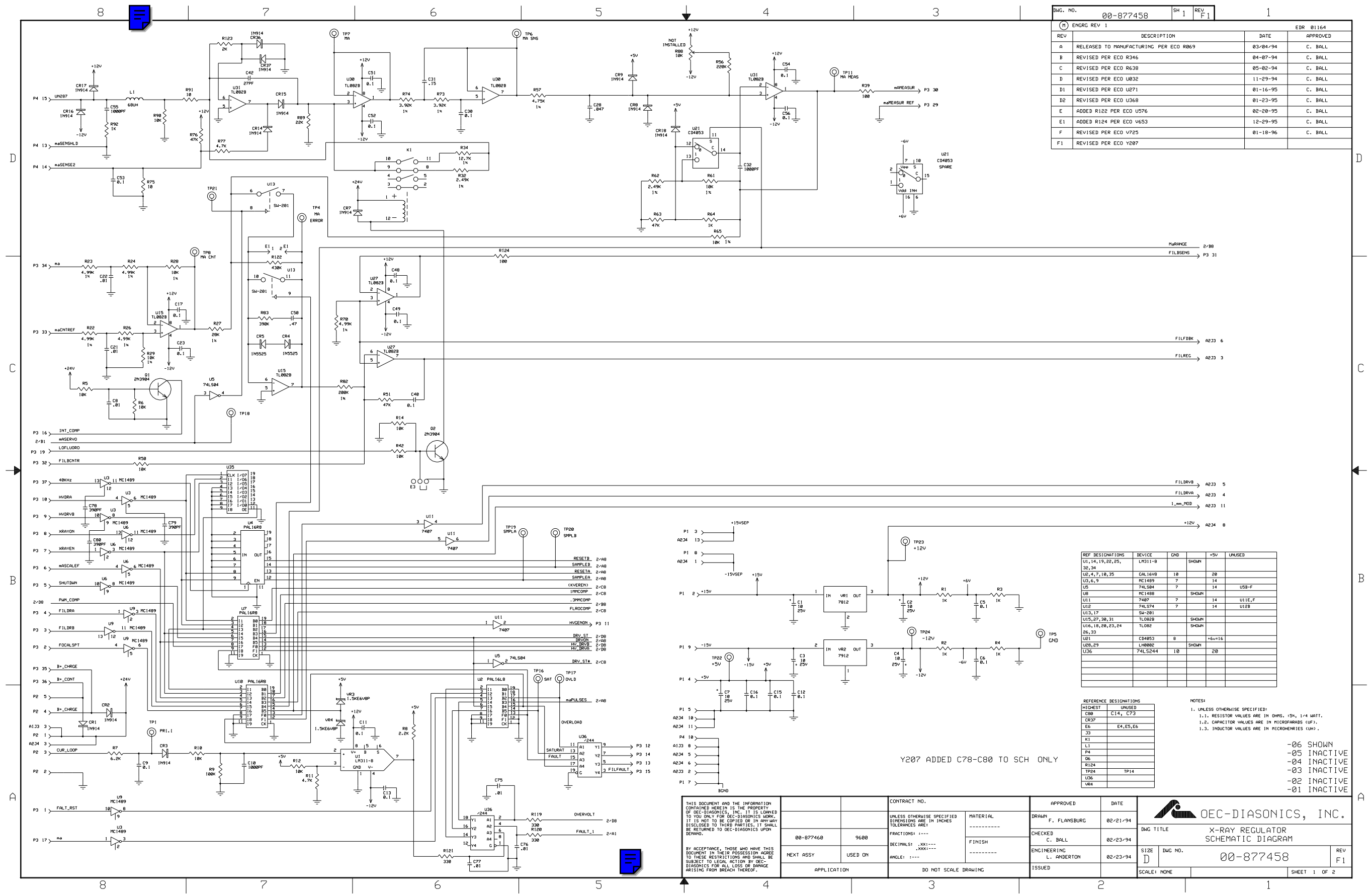


REFERENCE DESIGNATIONS	
HIGHEST	UNUSED
CR1	
E13	
P8	
J6	
VR3	
FL1	

NOTES:
1. JUMPER NOT INSTALLED.



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	00-875595	9600	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:	MATERIAL	DRAWN F. FLANSBURG	04-17-95	DWG TITLE		
	00-908970	9600	FRACTIONS: ---- DECIMALS: .XX:--- ANGLE: ----	FINISH	CHECKED B. WALKER	07-05-95	SCHEMATIC, PCB, MOTHERBOARD		
	NEXT ASSY	USED ON			ENGINEERING M. WAREY	07-06-95	SIZE	DWG NO.	
	APPLICATION		DO NOT SCALE DRAWING		ISSUED		D	00-878396	REV A1
							SCALE: NONE		SHEET 1 OF 1

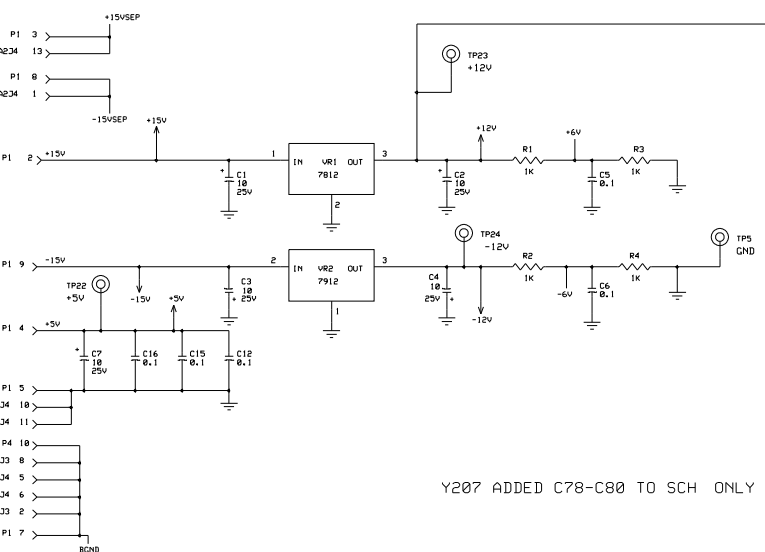


DWG. NO. 00-877458			
REV		DATE	APPROVED
A		03/04/94	C. BALL
B		04-07-94	C. BALL
C		05-02-94	C. BALL
D		11-29-94	C. BALL
D1		01-16-95	C. BALL
D2		01-23-95	C. BALL
E		02-20-95	C. BALL
E1		12-29-95	C. BALL
F		01-18-96	C. BALL
F1			

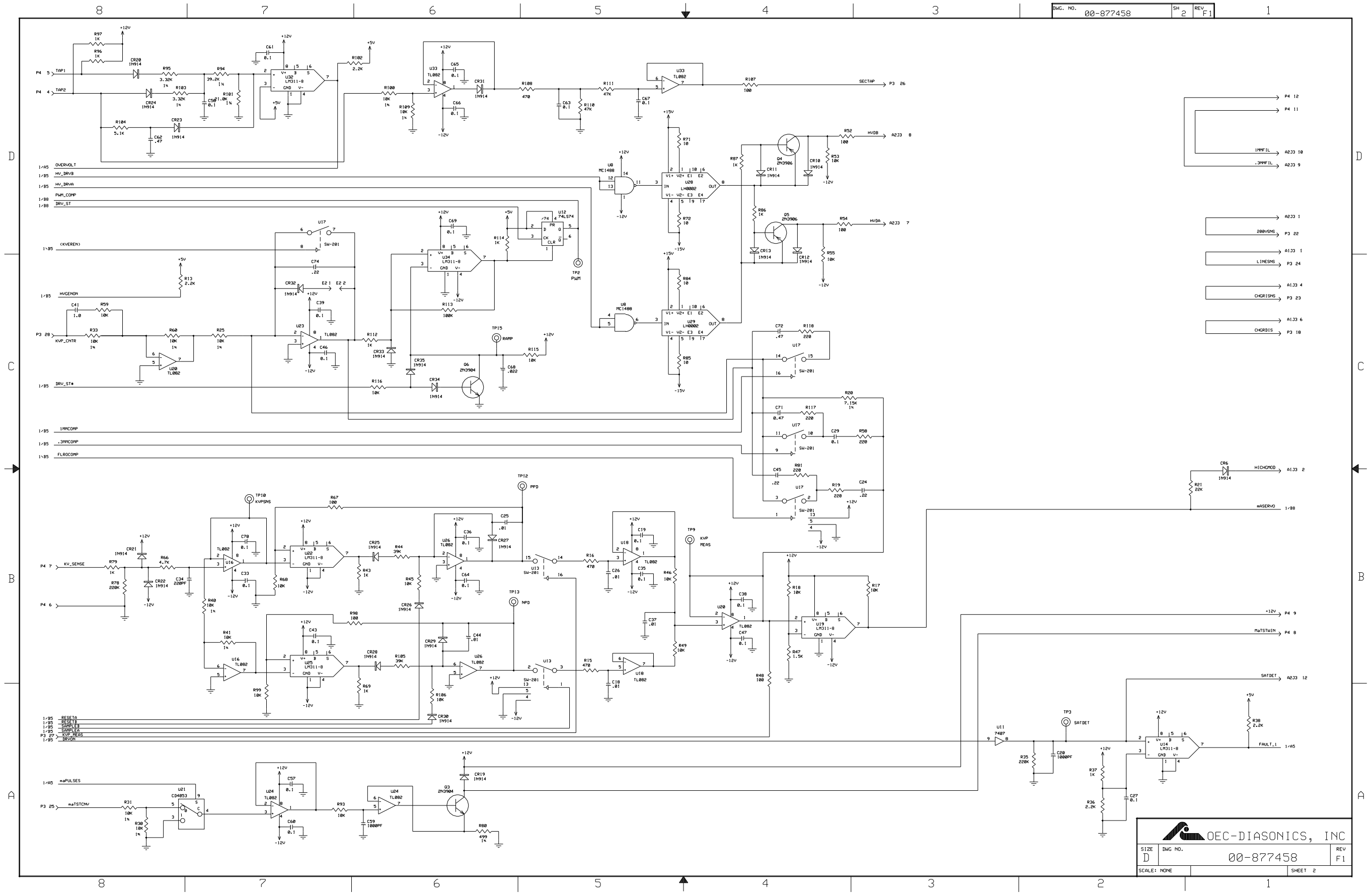
REF DESIGNATIONS	DEVICE	CND	+5V	UNUSED
U1,14,19,22,25,32,34	LM311-B		SHOWN	
U2,4,7,18,35	LM16VB	18	28	
U3,6,9	MC1489	7	14	U5B-F
U5	74LS84	7	14	
U8	MC1488		SHOWN	
U11	7487	7	14	U11E,F
U12	74LS74	7	14	U12B
U13,17	SN-201		SHOWN	
U15,27,38,31	TL082B		SHOWN	
U16,18,28,23,24,26,33	TL082		SHOWN	
U21	CD4053	8	+6V=16	
U28,29	LM8882		SHOWN	
U36	74LS244	18		

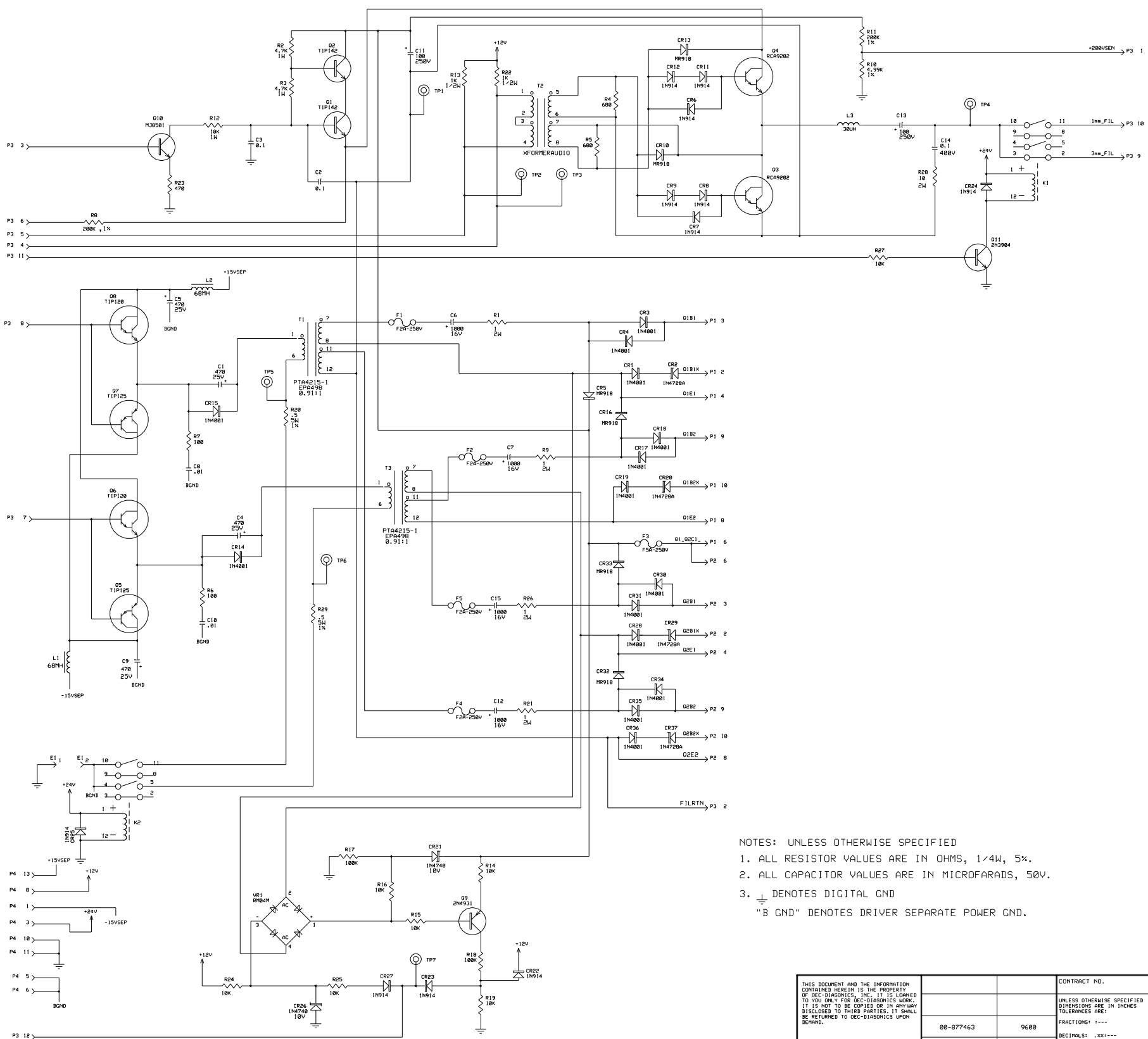
REFERENCE DESIGNATIONS		NOTES:
HIGHEST	UNUSED	1. UNLESS OTHERWISE SPECIFIED:
C80	C14, C73	1.1. RESISTOR VALUES ARE IN OHMS, 1%, 1/4 WATT.
CR37		1.2. CAPACITOR VALUES ARE IN MICROFARADS (UF).
E6	E4,E5,E6	1.3. INDUCTOR VALUES ARE IN MICROHENRIES (UH).
J3		
K1		
L1		
P4		
D6		
R24		
TP24	TP14	
U36		
VR4		

-06 SHOWN
-05 INACTIVE
-04 INACTIVE
-03 INACTIVE
-02 INACTIVE
-01 INACTIVE



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BY ACCEPTANCE, THOSE WHO HAVE THIS DOCUMENT IN THEIR POSSESSION AGREE TO THESE RESTRICTIONS AND SHALL BE SUBJECT TO LEGAL ACTION BY DEC-DIASONICS FOR ALL LOSS OR DAMAGE ARISING FROM BREACH THEREOF.		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:		F. FLANSBURG		02/21/94		C. BALL	
NEXT ASSY		USED ON		CHECKED		02/23/94		ENGINEERING	
APPLICATION		DO NOT SCALE DRAWING		ISSUED		02/23/94		L. ANDERTON	
FRACTIONS: ----		DECIMALS: .XX:----		MATERIAL		SIZE		DWG NO.	
ANGLE: ----				FINISH		D		00-877458	
						SCALE: NONE		REV	
								F1	
								SHEET 1 OF 2	





DWG. NO.	00-877461	SH	1	REV	A2	1
ENGRG REV 1						EDR
REV	DESCRIPTION				DATE	APPROVED
A	RELEASED TO MANUFACTURING PER ECO #856					
A1	REVISED PER ECO R336				04-06-94	C. BALL
A2	REVISED PER ECO V725					

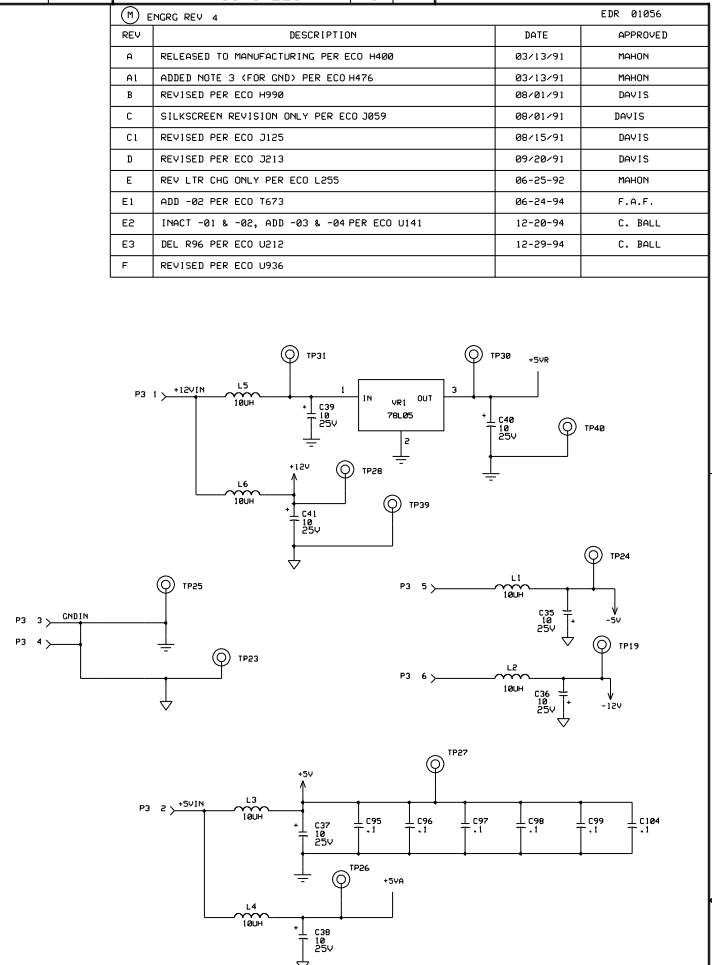
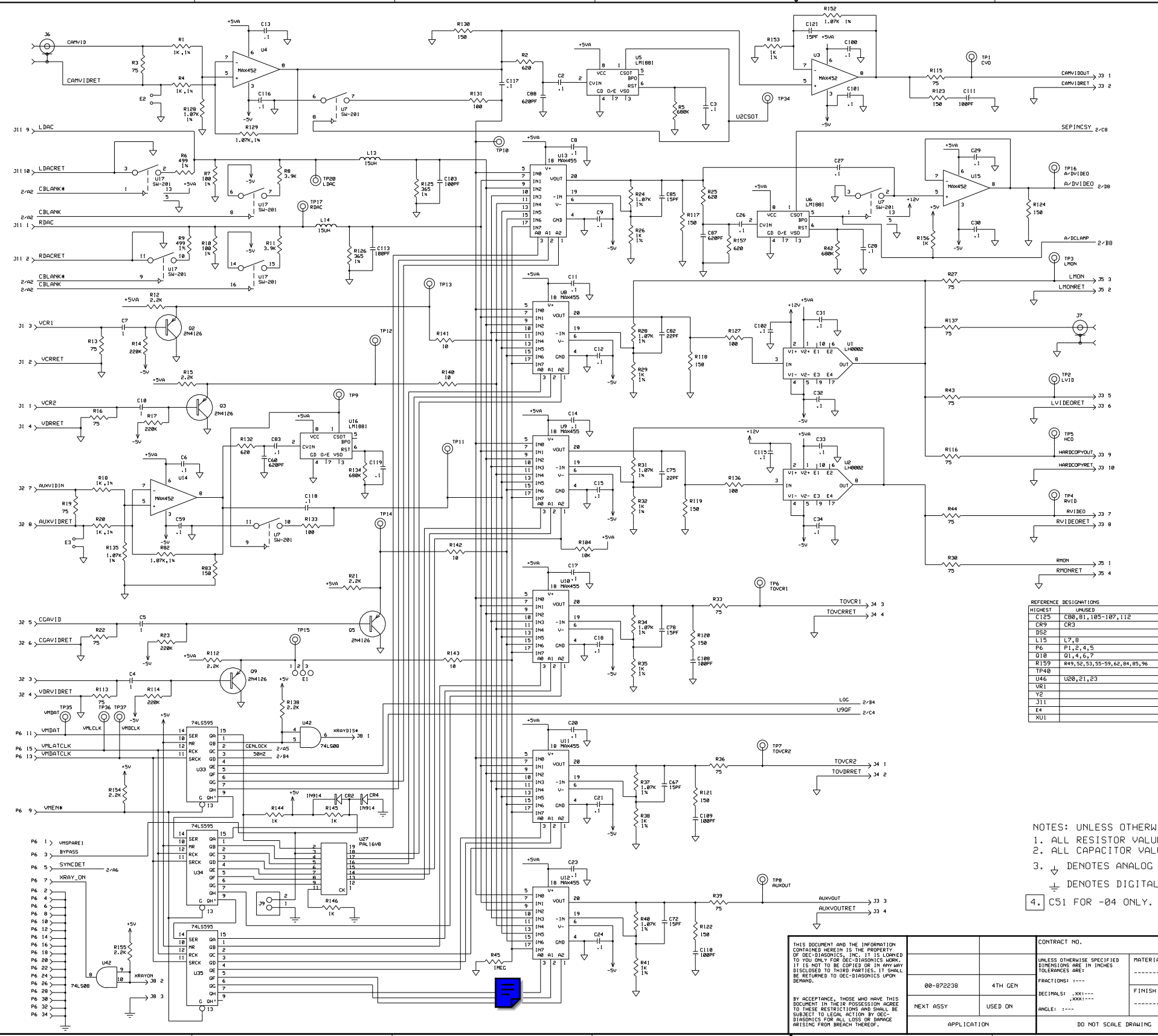
- NOTES: UNLESS OTHERWISE SPECIFIED
1. ALL RESISTOR VALUES ARE IN OHMS, 1/4W, 5%.
 2. ALL CAPACITOR VALUES ARE IN MICROFARADS, 50V.
 3. \perp DENOTES DIGITAL GND
"B GND" DENOTES DRIVER SEPARATE POWER GND.

REFERENCE DESIGNATIONS	
HIGHEST	UNUSED
C15	
CR37	
E1	
F5	
K2	
L3	
P4	
Q11	
R29	
T3	
VR1	
TP7	

-01 SHOWN

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		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:	MATERIAL	DRAWN			
BY ACCEPTANCE, THOSE WHO HAVE THIS DOCUMENT IN THEIR POSSESSION AGREE TO THESE RESTRICTIONS AND SHALL BE SUBJECT TO LEGAL ACTION BY OEC-DIASONICS FOR ALL LOSS OR DAMAGE ARISING FROM BREACH THEREOF.		FRACTIONS: ---	FINISH	CHECKED		DWG TITLE	GENERATOR DRIVER PCB SCHEMATIC DIAGRAM
		DECIMALS: .XX1---		ENGINEERING		SIZE	DWG NO.
		ANGLE: ---		L. ANDERTON			00-877461
				ISSUED		REV	A2
APPLICATION		DO NOT SCALE DRAWING		SCALE: NONE		SHEET 1 OF 1	

DWG. NO.	00-872237	SH	1	REV	F	1
ENCGR REV	4					EDR 01056
REV	DESCRIPTION				DATE	APPROVED
A	RELEASED TO MANUFACTURING PER ECO H480				03/13/91	MAHON
A1	ADDED NOTE 3 (FOR GND) PER ECO H476				03/13/91	MAHON
B	REVISED PER ECO H990				08/01/91	DAVIS
C	SILKSCREEN REVISION ONLY PER ECO J059				08/01/91	DAVIS
C1	REVISED PER ECO J125				08/15/91	DAVIS
D	REVISED PER ECO J213				09/28/91	DAVIS
E	REV LTR CHG ONLY PER ECO L255				06-25-92	MAHON
E1	ADD -02 PER ECO T673				06-24-94	F.A.F.
E2	INACT -01 & -02, ADD -03 & -04 PER ECO U141				12-28-94	C. BALL
E3	DEL R96 PER ECO U212				12-29-94	C. BALL
F	REVISED PER ECO U936					



REFERENCE	DESIGNATIONS
HIGHEST	UNUSED
C125	C88, 81, 105-107, 112
CR9	
DS2	
L15	L7, 8
P6	P1, 2, 4, 5
Q10	Q1, 4, 6, 7
R159	R49, 56, 53, 55-59, 62, 84, 85, 96
TP48	
U46	U20, 21, 23
VR1	
Y2	
J11	
E4	
XU1	

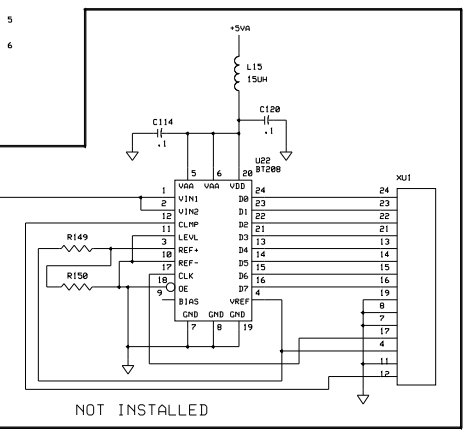
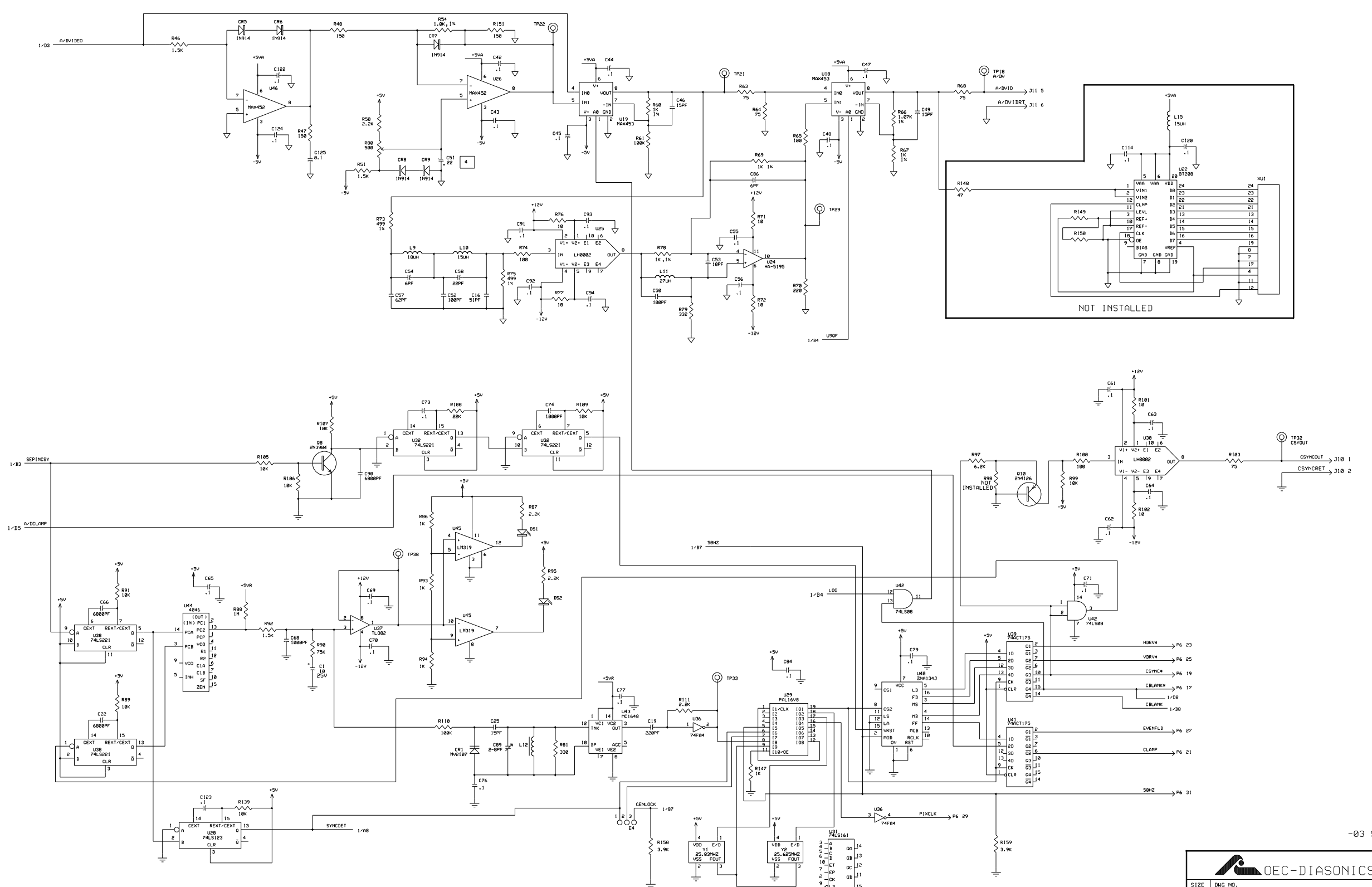
REF DESIGNATIONS	DEVICE	GND	+5V	UNUSED
U17	SN-201	5	-5V=4	
U5, 6, 16	LM1801	---	SHOWN	---
U8-13	MAX455	---	SHOWN	---
U33-35	74LS595	8	---	16
U3, 4, 14, 15, 26, 46	MAX452	---	SHOWN	---
U28	74LS123	8	---	16
U7	SN-201	5	-5V=4	
U18, 19	MAX453	---	SHOWN	---
U1, 2, 25, 30	LH0002	---	SHOWN	---
U24	HA-5195	---	SHOWN	---
U45	LM319	---	SHOWN	---
U40	2N6134J	---	SHOWN	---
U44	CD4046	8	---	16
U37	TLO82	---	SHOWN	---
U42	74LS08	---	SHOWN	---
U32, 38	74LS221	8	---	16
U43	ML1648	---	SHOWN	---
U36	74F04	7	---	14
U31	74LS161	8	---	16
U39, 41	74ACT175	8	---	16
U29	PAL16V8	10	---	20
U27	PAL16V8	10	---	20
U22	BT208	SHOWN	---	SHOWN

- NOTES: UNLESS OTHERWISE SPECIFIED
1. ALL RESISTOR VALUES ARE IN OHM, 1/4W, 5%.
 2. ALL CAPACITOR VALUES ARE IN MICROFARADS, 50V.
 3. ⚡ DENOTES ANALOG GROUND
⏏ DENOTES DIGITAL GROUND
 4. C51 FOR -04 ONLY.

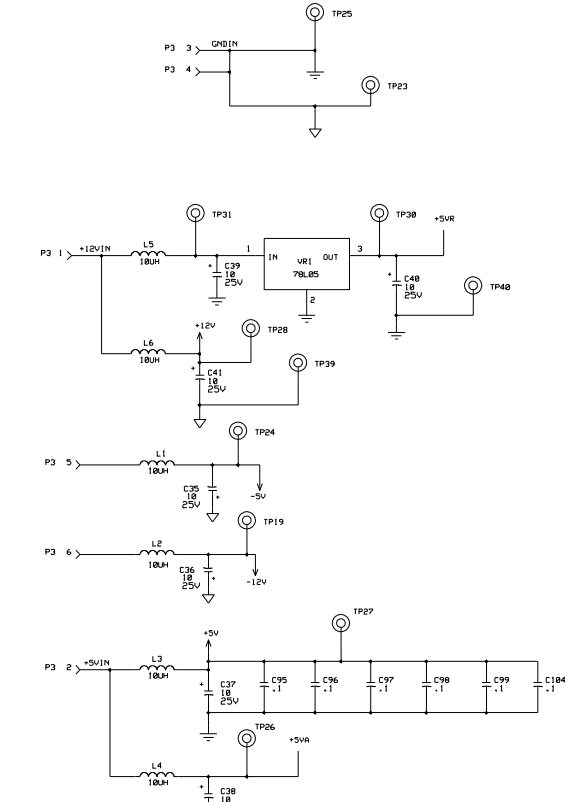
- 04 SHOWN (SEE SHEET 3 & 4)
-03 SHOWN (SEE SHEET 1 & 2)
-02 INACTIVE
-01 INACTIVE

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BY ACCEPTANCE, THOSE WHO HAVE THIS DOCUMENT IN THEIR POSSESSION AGREE TO THESE RESTRICTIONS AND SHALL BE SUBJECT TO LEGAL ACTION BY DEC-DIASONICS FOR ALL LOSS OF DAMAGE ARISING FROM BREACH THEREOF.		00-872238		F. FLANSBURG		11/15/89	
NEXT ASSY		USED ON		CHECKED		DWG TITLE	
				T. MIYA		VIDEO SWITCHING PCB SCHEMATIC DIAGRAM	
APPLICATION		DO NOT SCALE DRAWING		ENGINEERING		SIZE	
				L. AMERTON		D	
				ISSUED		DWG NO.	
						00-872237	
						REV	
						F	
				SCALE: NONE		SHEET 1 OF 4	

SEE 223704-F FOR -04

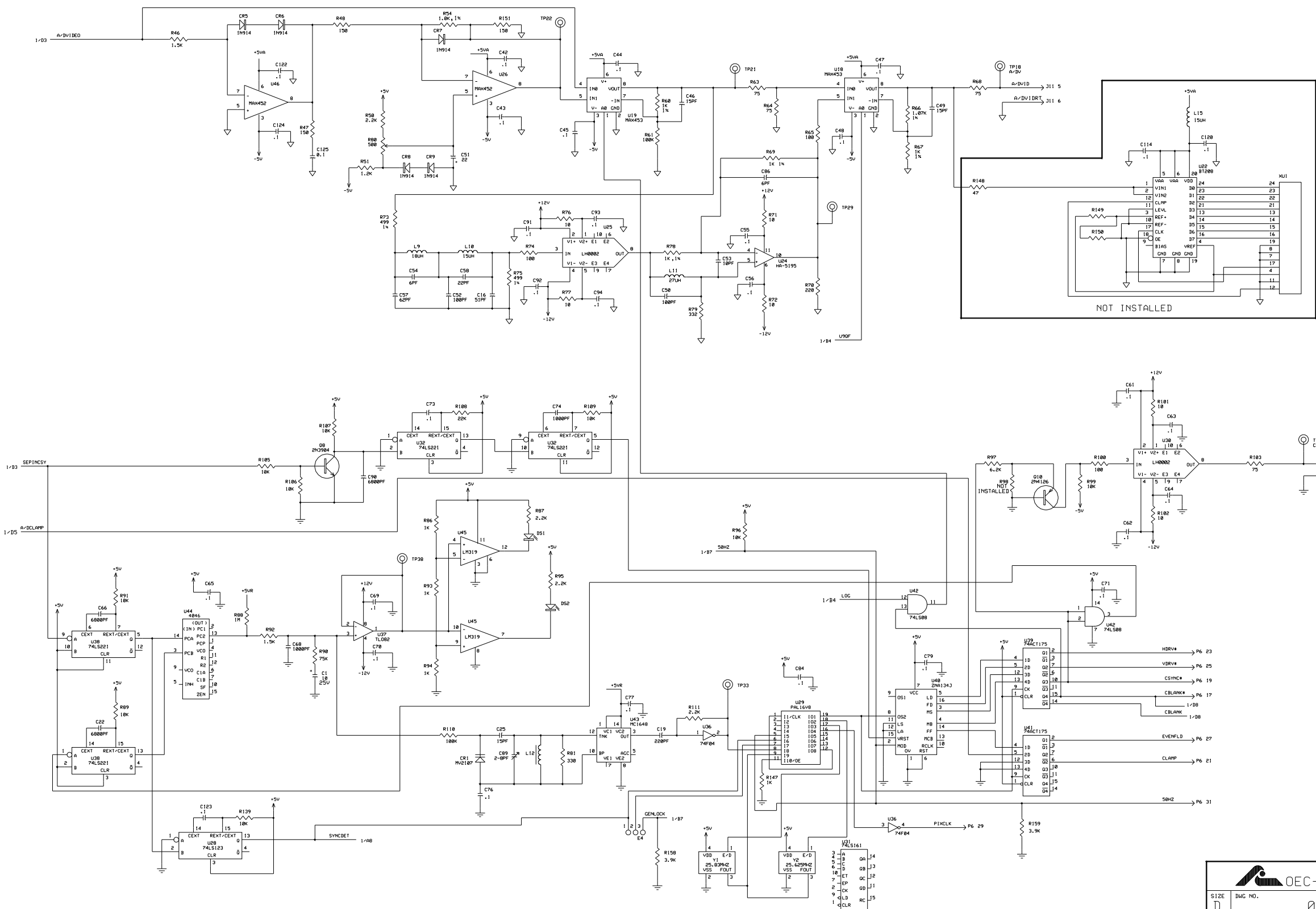


-03 SHOWN



REF	DESIGNATIONS	DEVICE	GND	+5V	UNUSED
U17		SU-281	5	-5V+4	
U5, 6, 16		LM1881	---	SHOWN	---
U8-13		7664A55	---	SHOWN	---
U33-35		74LS595	8	---	16
U3, 4, 14, 15, 26, 46		MAX452	---	SHOWN	---
U7		74LS123	8	---	16
U28		SU-281	5	---	---
U18, 19		MAX453	---	SHOWN	---
U1, 2, 25, 30		LM80002	---	SHOWN	---
U24		HA-5195	---	SHOWN	---
U45		LR315	---	SHOWN	---
U48		Z801343	---	SHOWN	---
U44		CB4046	8	---	16
U37		TLO82	---	SHOWN	---
U42		74LS88	---	SHOWN	---
U32, 38		74LS221	8	---	16
U43		MC1648	---	SHOWN	---
U36		7404A	?	---	14
U31		74LS161	8	---	16
U39, 41		74C0175	8	---	16
U29		PAL16V8	18	---	20
U27		PAL16V8	18	---	20
U22		BT208	SHOWN	---	SHOWN

-04 SHOWN SEE SHEETS 3 AND 4



-04 SHOWN

DOC. NO.	00-872125	SH	1	REV	E		1
(M) ENGR REV 6.1						EDR	01021
REV	DESCRIPTION		DATE		APPROVED		
A	RELEASED TO MANUFACTURING PER ECO H496		03/25/91		DAVIS		
B	REVISED PER ECO H792		06/11/91		DAVIS		
C	ADDED CKT "VCREN*" PER ECO J056		08/05/91		DAVIS		
C1	CHG JUMPER CHART PER ECO J019		09/20/91		DAVIS		
C2	CHG JUMPER CHART PER ECO L259		06/25/92		MAHON		
D3	INACT. -01, CREATE -02 PER ECO N046		08/05/93		C. BALL		
D	REVISED PER ECO H759		11/12/93		C. BALL		
D1	REVISED PER ECO R343A		04/07/94		C. BALL		
E	REVISED PER ECO V267						

JUMPER TABLE
(INSTALL ITEM 37 AS SHOWN)

E4	***	ENABLE OPTION PROM
E5	G ***	PRINTER
E6	+ *** G	256K PROM SELECT (-02)
E6	+ *** G	512K PROM SELECT (-03)
E7	***	UART A/B
E8	***	TIMER
E9	***	COM 2
E10	***	COM 1

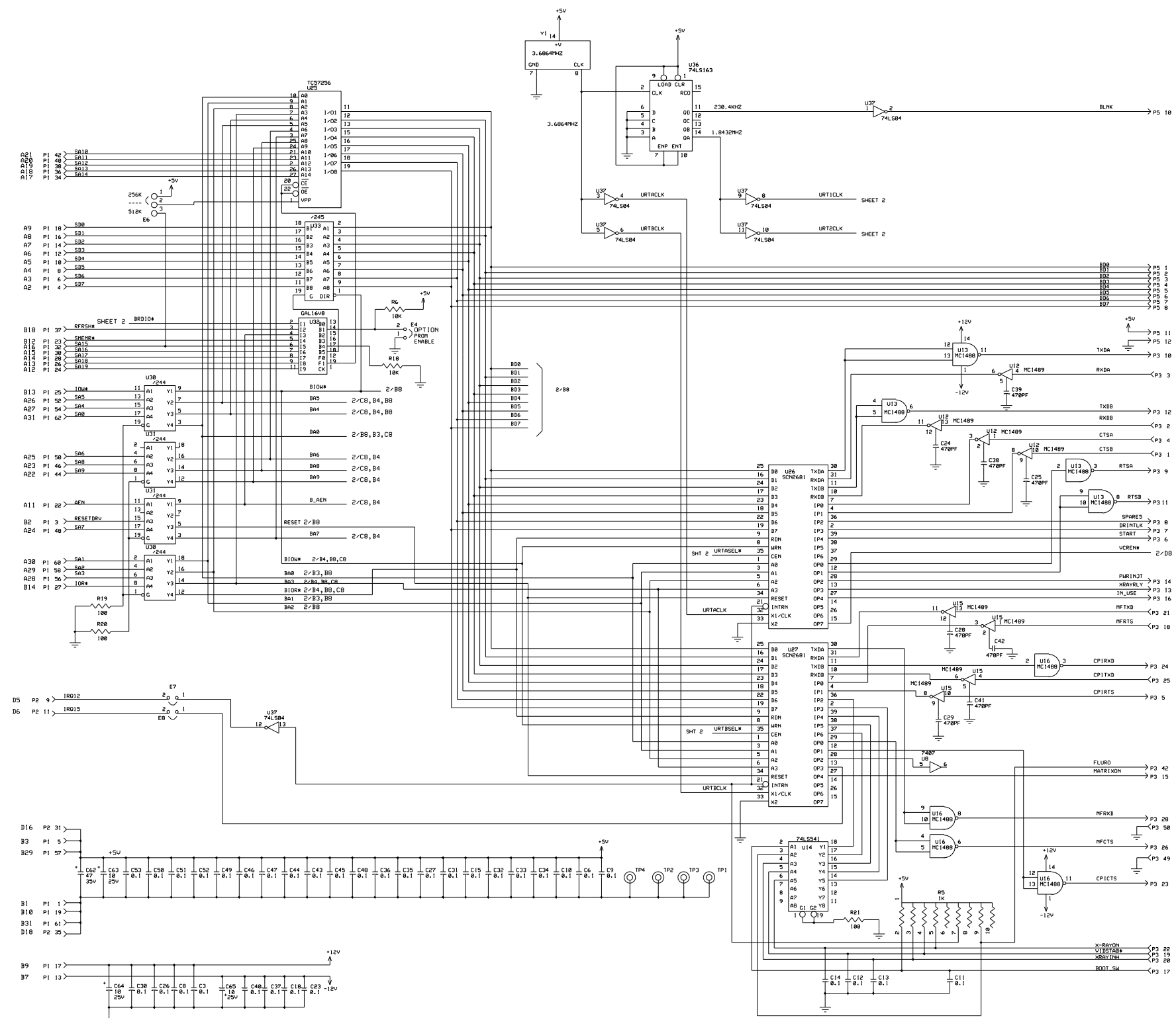
PIN 1
NOTE: E5 IS CONNECTED TO ONE PIN ONLY

SYSTEM TYPE	E1	E2	E3
MOTHERBOARD & DISK			
286(Award BIOS) WITH IDE DISK	G	G	G
286(Award BIOS) WITH ESDI 4FPS DISK	+	G	G
286(Award BIOS) WITH SCSI DISK	G	+	+
386(AMI BIOS) WITH IDE DISK	+	+	G
386(AMI BIOS) WITH SCSI DISK	G	+	G

SELECT THE APPROPRIATE JUMPER BLOCK SETTING AT ELECTRONIC CABINET ASSEMBLY TEST. FOR E1, E2, E3, CONNECT THE CENTER POST TO THE TERMINAL INDICATED IN THE ABOVE CHART.

REFERENCE DESIGNATIONS	HIGHEST	UNUSED
C65		
E10		
P5		
R24		
TP4		
U38		
Y1		

REF DESIGNATIONS	DEVICE	CHG	+5V	UNUSED
U10,37	74LS04	7	14	U10-E,F
U7,8,17	7407	7	14	U8-B,D
U36	74LS163	8	16	
U11	74LS05	7	14	U11-E,F
U6,30,31	74LS244	10	20	
U33	74LS245	10	20	
U14,23,28,35	74LS541	10	20	
U2,5,13,16	MC1489	7	14	U3-A,B
U32	MC1488	--	SHOWN	U5-C,D
U9,18,19,34	74015574	10	20	
U26,27	SCN2681	20	40	
U25	TC57256	14	28	
U20,22	NS16450	20	40	
U24,29	22V10	12	24	
U21	74LS125	8	16	U21-B,C
U38	7400	7	14	U38-C,D



- NOTES: UNLESS OTHERWISE SPECIFIED
- ALL RESISTOR VALUES ARE IN OHMS, 1/4W, 5%.
 - ALL CAPACITOR VALUES ARE IN MICROFARADS, 50V.
 - ON -02 U11 IS 74LS05, R1 IS 27
ON -03 U11 IS 7406, R1 IS 10

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00-873920	9400	CONTRACT NO.	APPROVED	DATE
00-875531	UR02500	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:	D. B. GRAVES	11/11/88
00-872127	9400	FRACTIONS: ---	CHECKED	05/30/89
NEXT ASSY	USED ON	DECIMALS: .xxx---	T. MIYA	
		ANGLE: ---	ENGINEERING	05/30/89
			K. JOHNSON	
APPLICATION	DO NOT SCALE DRAWING	ISSUED		

OECDIASONICS, INC.

DWG TITLE COMMUNICATIONS PCB SCHEMATIC DIAGRAM

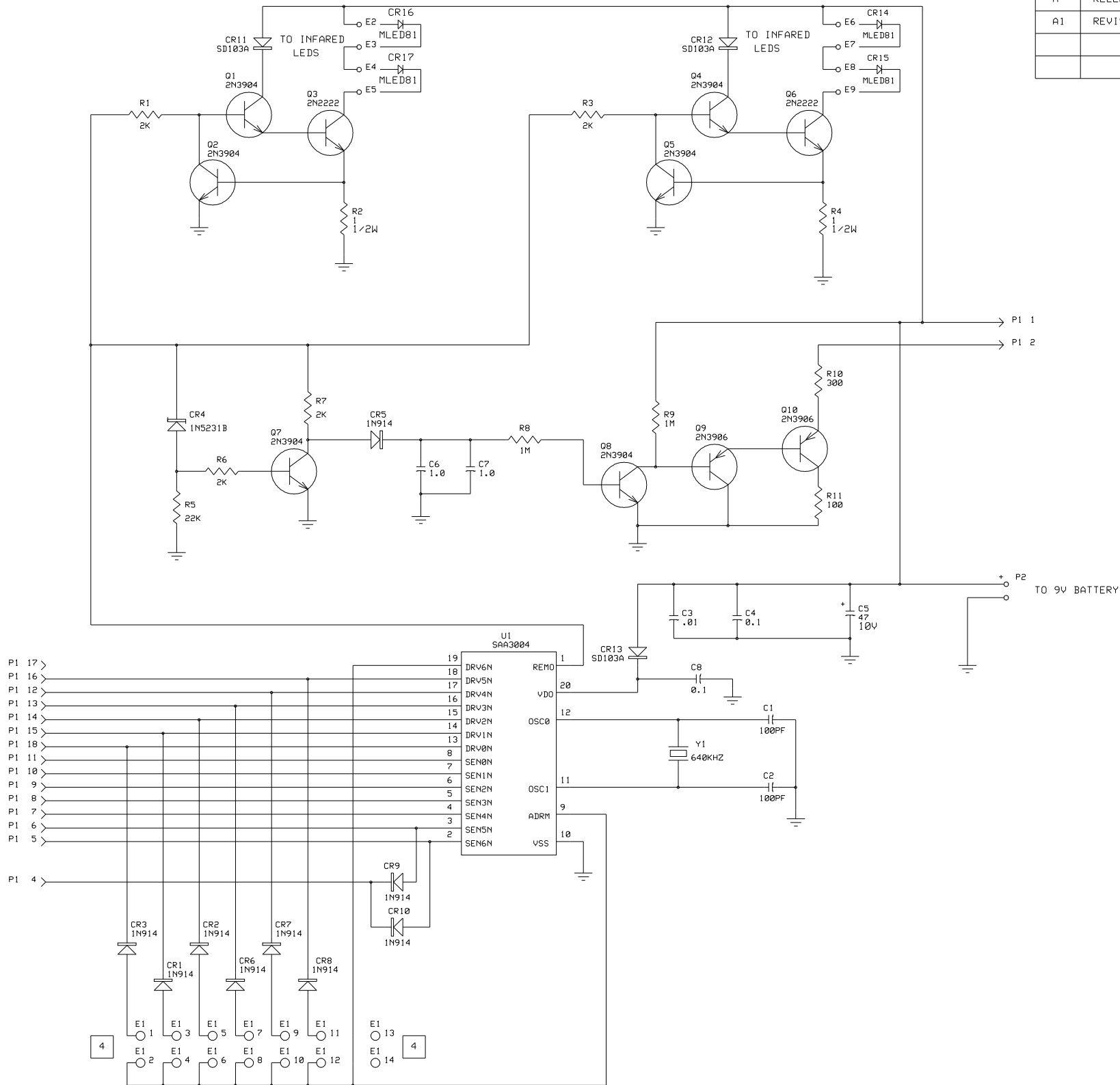
SIZE D DWG NO. 00-872125

SCALE: NONE

SHEET 1 OF 2

-03 SHOWN
-02 SHOWN
-01 INACTIVE

(M) ENGRG REV 4		REVISIONS		EDR 01131	
REV	DESCRIPTION			DATE	APPROVED
A	RELEASED TO MANUFACTURING PERECO H482			03/26/91	MAHON
A1	REVISED PER ECO U060A				



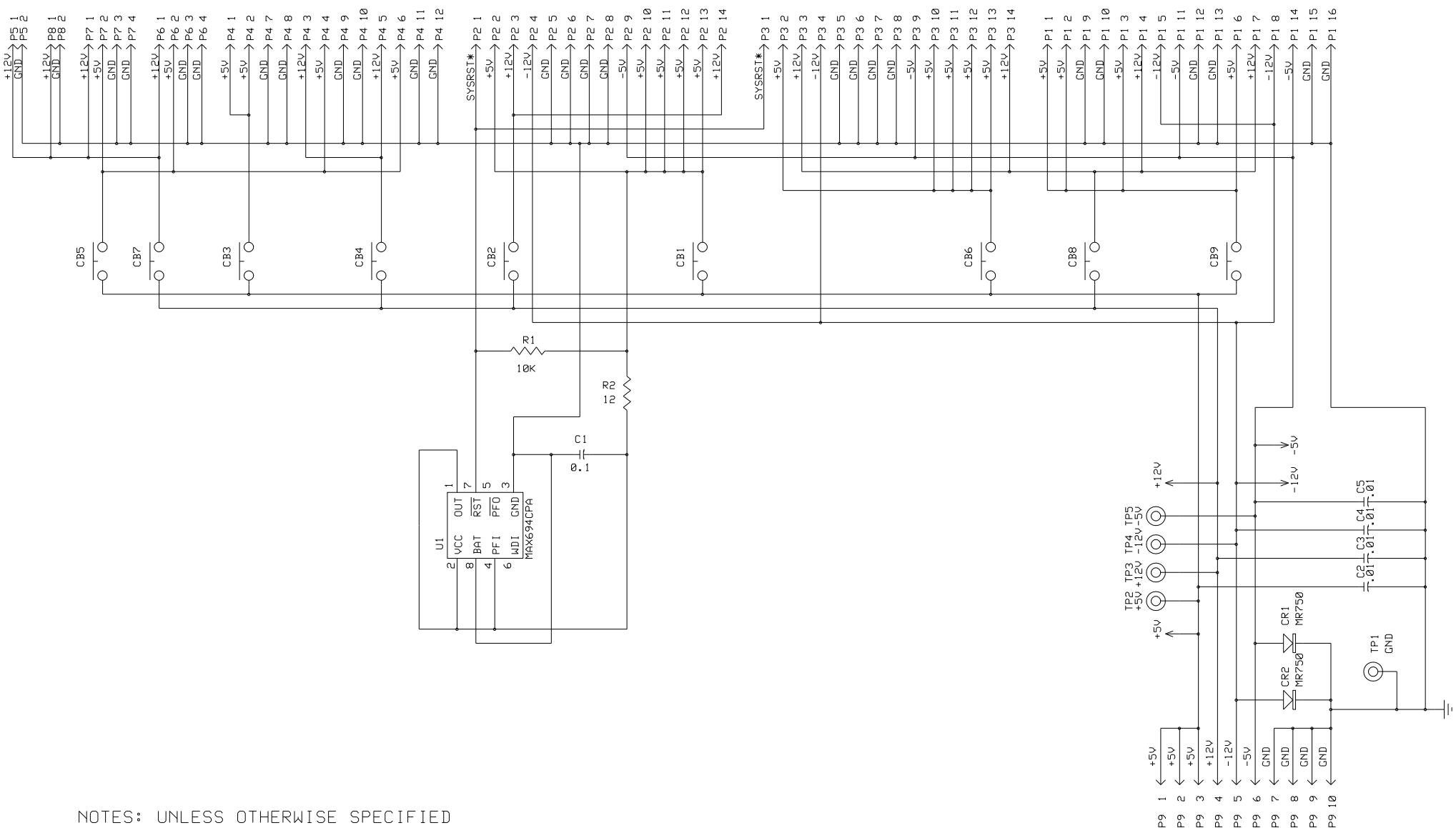
REFERENCE DESIGNATIONS	
HIGHEST	UNUSED
C8	
CR17	
E9	
P2	
Q10	
R11	
U1	
Y1	

- NOTES:
- ALL RESISTOR VALUES ARE IN OHMS, 1/4W, 5%.
 - ALL CAPACITOR VALUES ARE IN MICROFARADS, 50V.

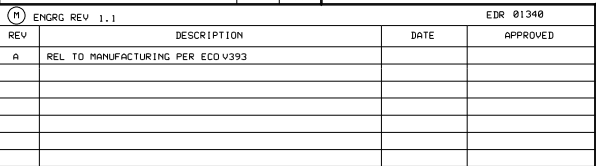
- 3.
4. JUMPER PINS 11-12 OF E1 (-03)

-03 SHOWN
-02 INACTIVE
-01 INACTIVE

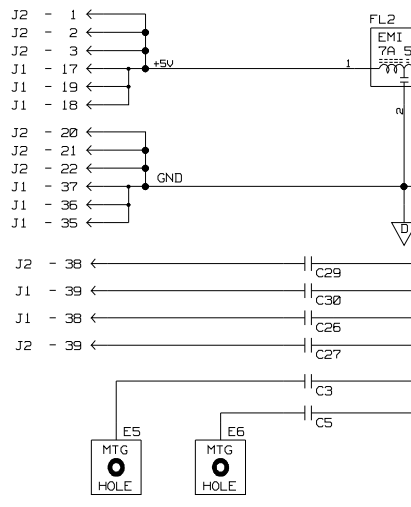
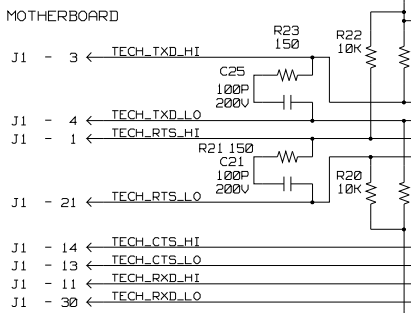
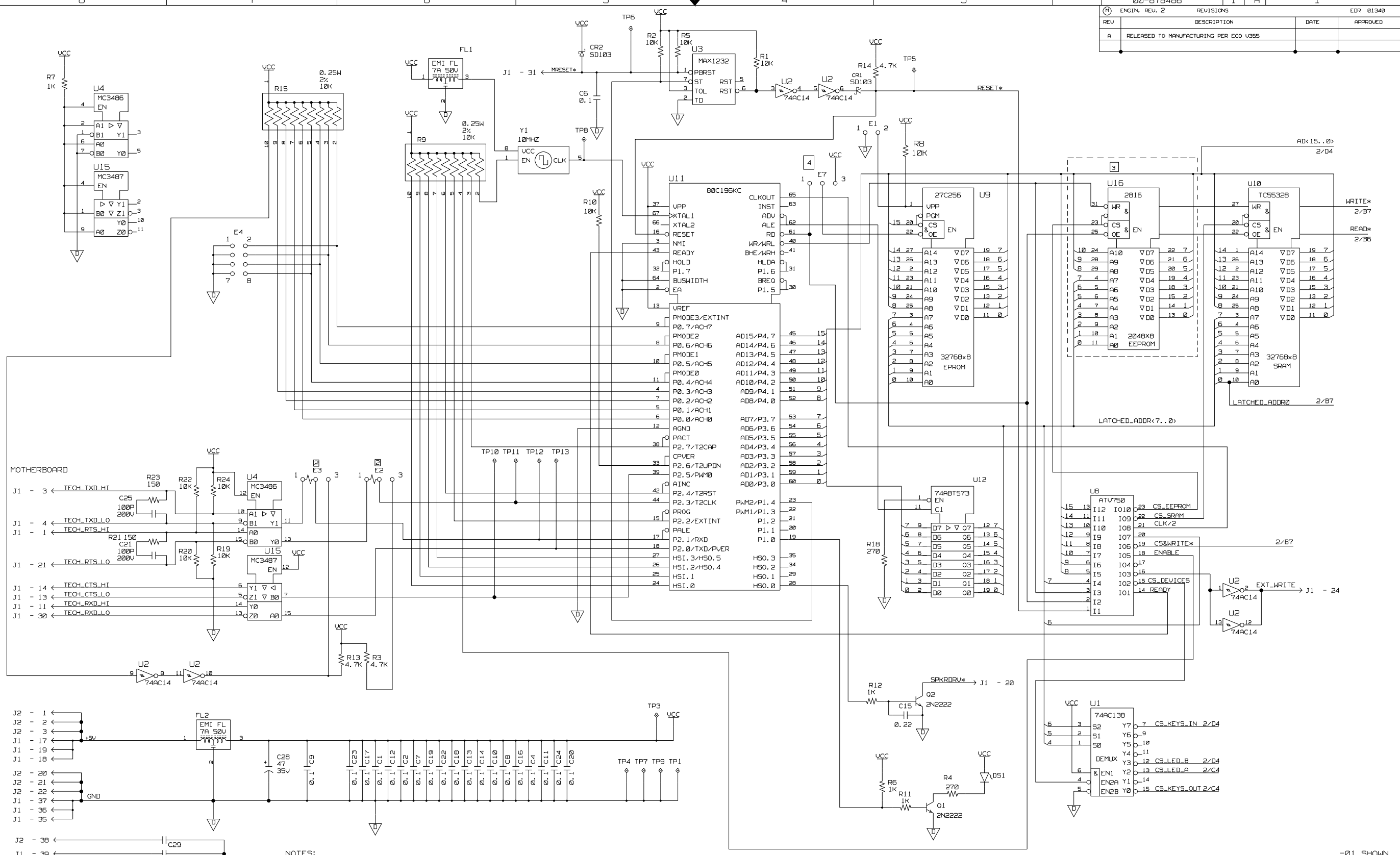
<div><div></div><div>ENGRG REV 4</div></div>		REVISIONS		EDR 01164	
REV	DESCRIPTION			DATE	APPROVED
A	RELEASED TO MFG PER ECO P581				



REFERENCE DESIGNATIONS	
HIGHEST	UNUSED
CB9	
P9	
R2	
TP5	
U1	
CR2	
C5	

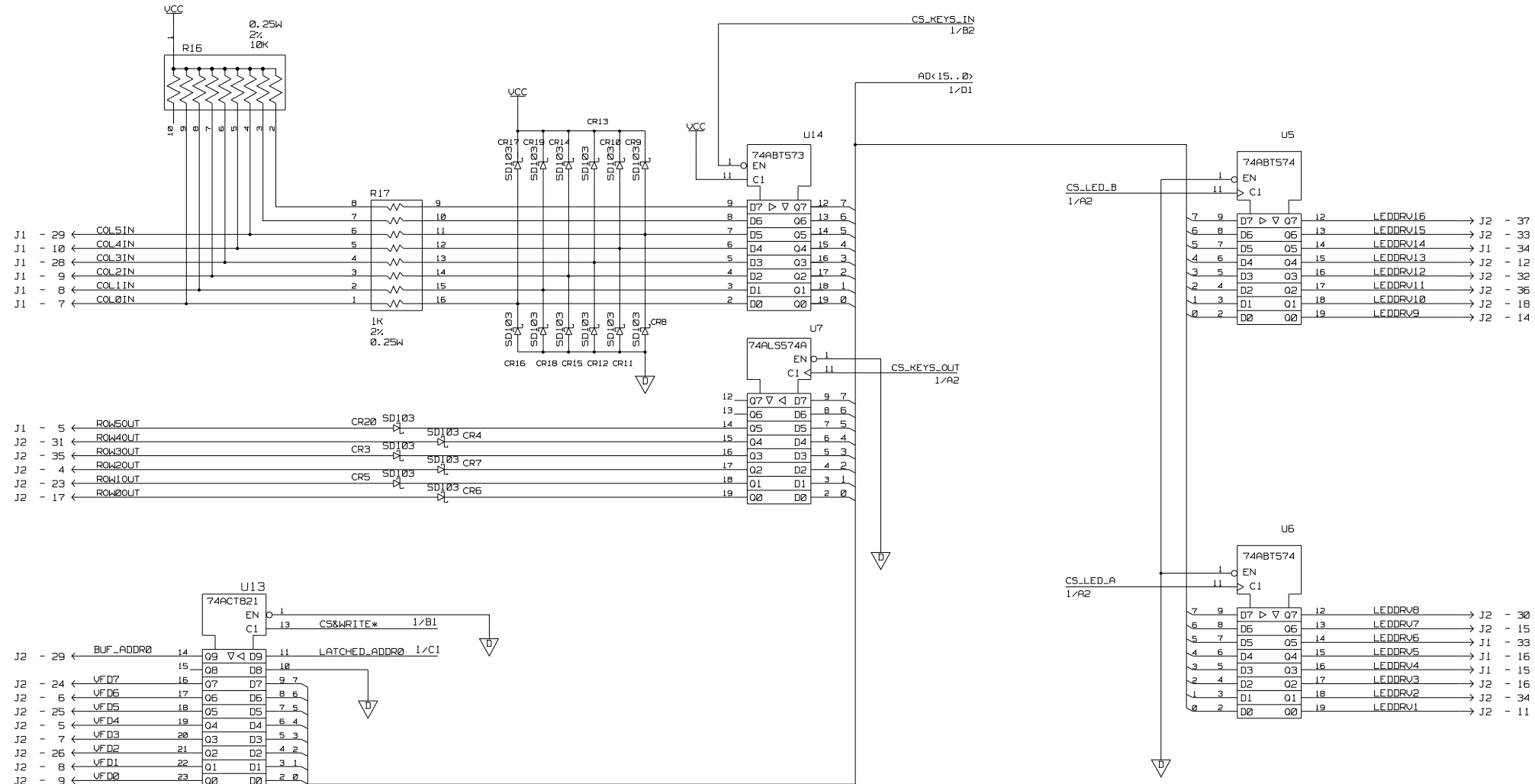


DWG NO.	00-878486	SHT	1	REV	A	1
ENGIN.	REV. 2	REVISIONS				EDR 81340
REV		DESCRIPTION		DATE		APPROVED
A		RELEASED TO MANUFACTURING PER ECO U355				



- NOTES:
- UNLESS OTHERWISE SPECIFIED
-ALL RESISTORS ARE IN OHMS, 1/4W, 5%
-ALL CAPACITOR VALUES ARE IN MICROFARADS, 50V.
 - JUMPER PINS 1-2 OF E2 & E3 FOR RS422 SERIAL COMMUNICATIONS
JUMPER PINS 2-3 OF E2 & E3 ARE HARDWIRED TOGETHER FROM THE FACTORY
 - U16 IS NOT INSTALLED.
 - JUMPER PINS 1-2 OF E7 FOR NORMAL OPERATION.

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UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		MATERIAL	FINISH	APPROVED	DATE	DWG TITLE		CONTROL PANEL PROCESSOR SCHEMATIC DIAGRAM	
FRACTIONS: -/-		DECIMALS: .xxx/-		ENGINEERING		SIZE		DWG NO.	
ANGLES: -/-		APPROVED		SCALE: NONE		SHEET		1 2	
NEXT ASSEMBLY		USED ON		DO NOT SCALE DRAWING		REV		A	



REFERENCE DESIGNATIONS

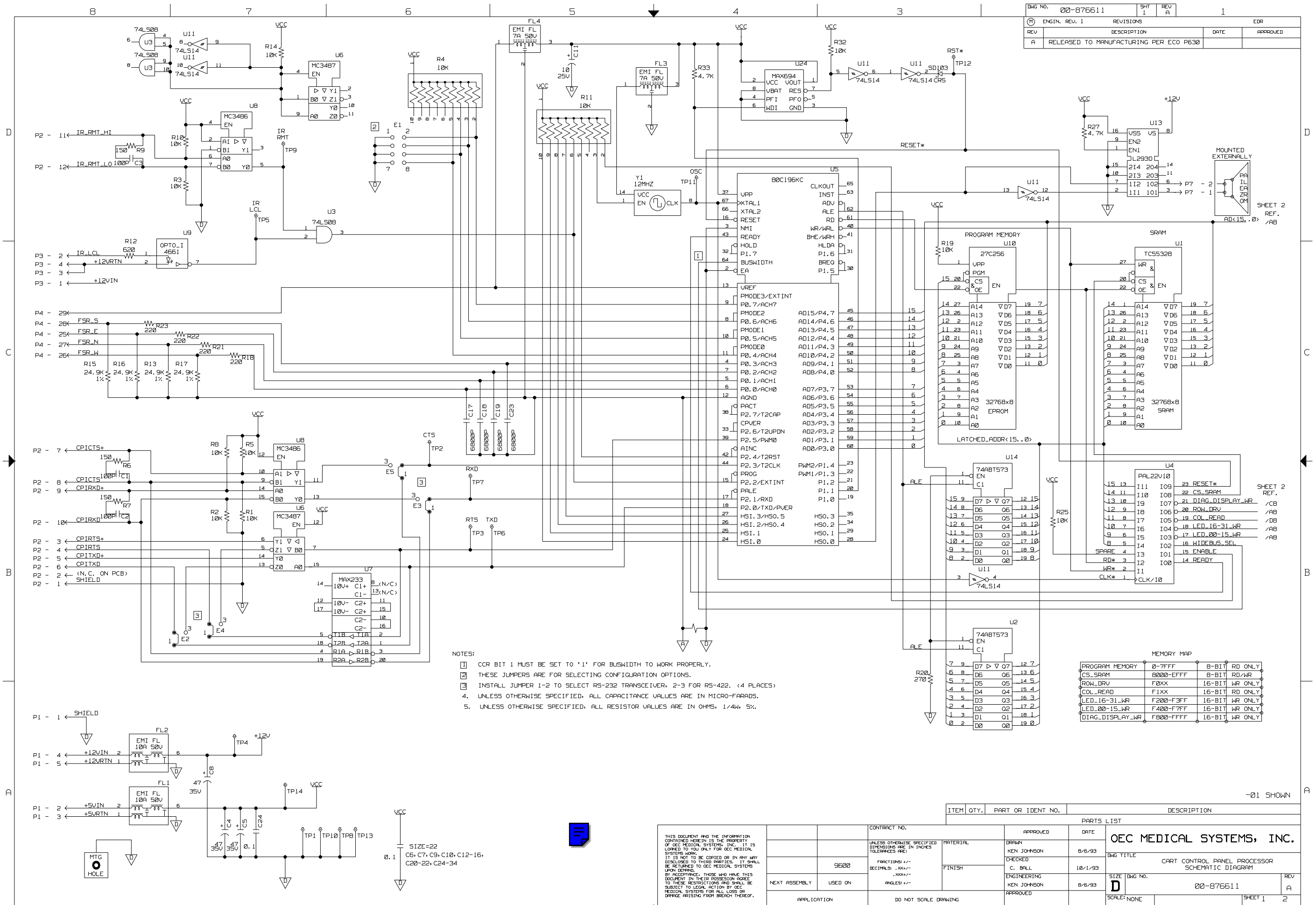
HIGHEST	UNUSED
C30	
CR20	
E7	
J2	
O2	
R24	
TP13	
U16	
Y1	
FL2	
LS1	
DS1	

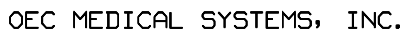
REF DESIGNATIONS	DEVICE	GND	+5V	UNUSED
U11	80C196	NOTE 1	1	
U9	27C256	14	28	
U16	2816	16	32	
U10	TC59320	14	28	
U12, 14	ABT573	10	20	
U5, 6	ABT574	10	20	
U8	PAL22V10	12	24	
U4	MC3486	8	16	
U15	MC3487	8	16	
U2	74AC14	7	14	
U13	ACT821	12	24	
U3	MAX1232	4	8	
U1	74138	10	20	
U7	74ALS574	10	20	

NOTE 1: PINS 14, 36 & 68

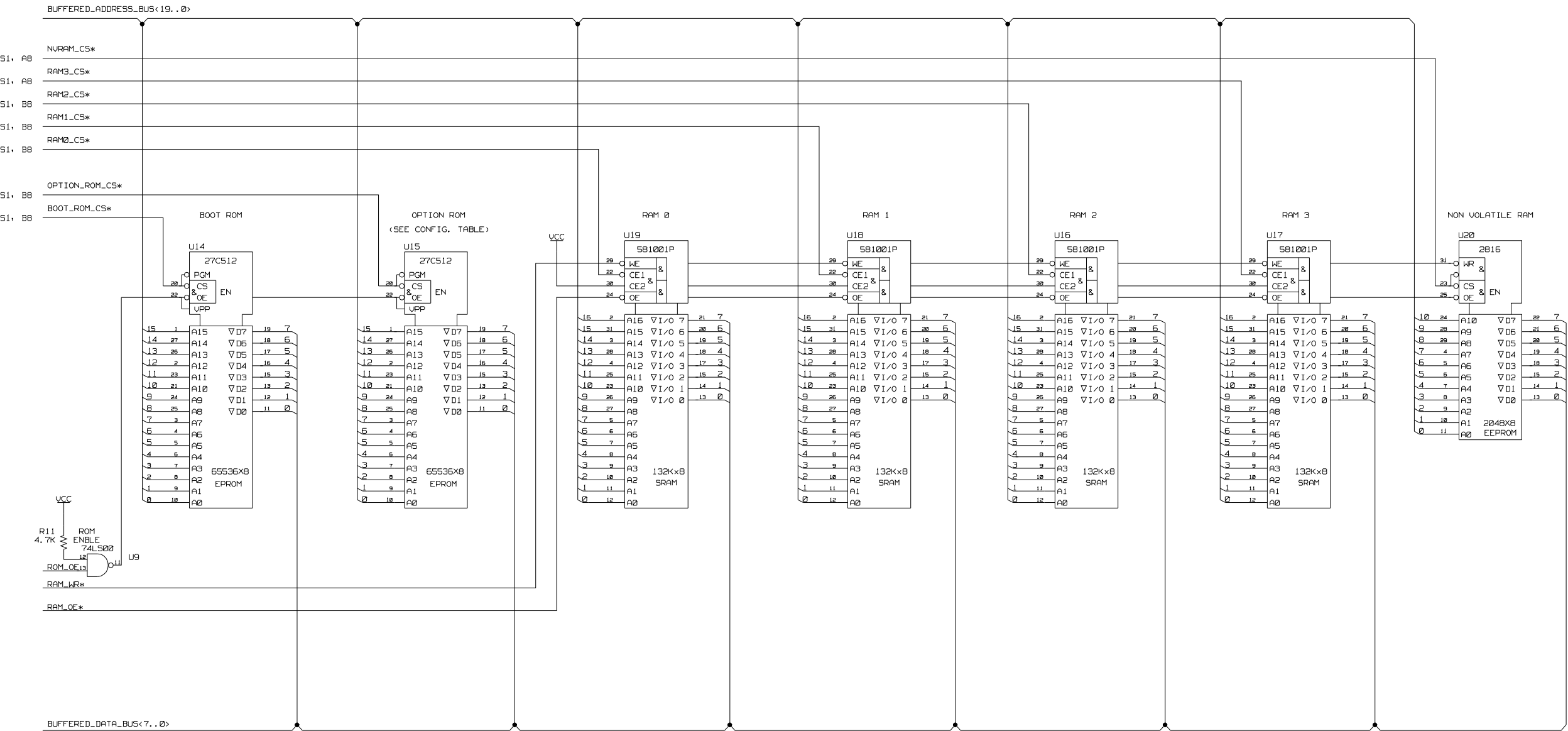
OEC MEDICAL SYSTEMS, INC.

SIZE	DWG NO.	CONTROL PANEL PROCESSOR	REV
D	00-878486	SCHEMATIC DIAGRAM	A
SCALE:	NONE	00-878486	SHEET 2



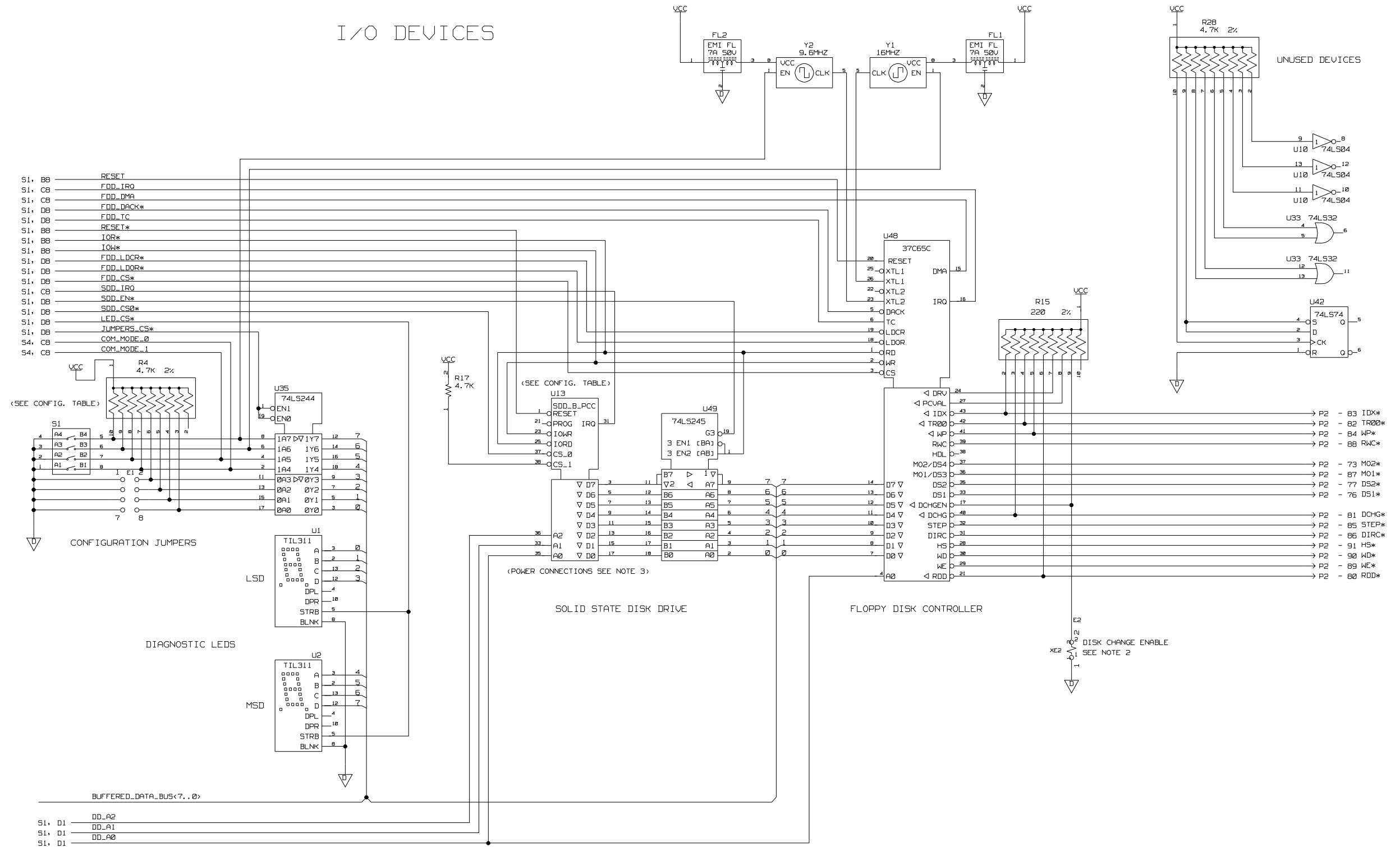


MEMORY



OEC MEDICAL SYSTEMS, INC.

I/O DEVICES

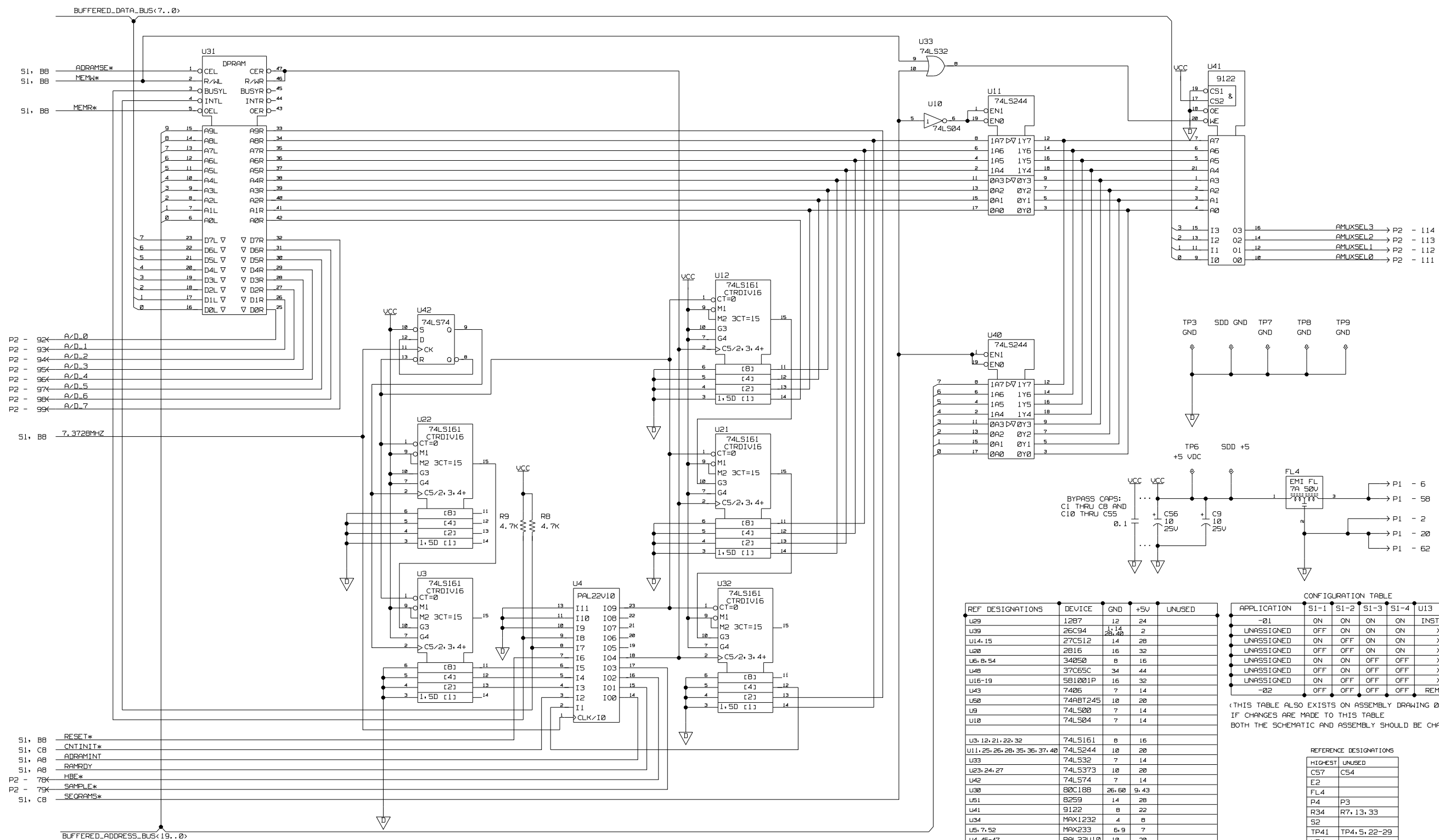


D

C

B

A



DUAL PORT RAM A/D INTERFACE

- NOTE:
- UNLESS OTHERWISE SPECIFIED
RESISTOR VALUES ARE IN OHMS, 5%, 1/4 WATT
CAPICATOR VALUES ARE IN MICROFARADS (UF), 50V
 - JUMPER E2 CAN BE CUT TO DISABLE
AUTOMATIC DISK CHANGE DETECTION
 - SDD POWER IS SUPPLIED FROM TP4.(GND) & TP5(+5VDC)

REF DESIGNATIONS	DEVICE	GND	+5V	UNUSED
U29	1287	12	24	
U39	26C94	1, 14	2	
U14, 15	27C512	14	28	
U20	2816	16	32	
U6, 8, 54	34050	8	16	
U40	37C65C	34	44	
U16-19	581001P	16	32	
U43	7406	7	14	
U50	74ABT245	10	20	
U9	74LS00	7	14	
U10	74LS04	7	14	
U3, 12, 21, 22, 32	74LS161	8	16	
U11, 25, 26, 28, 35, 36, 37, 40	74LS244	10	20	
U33	74LS32	7	14	
U23, 24, 27	74LS373	10	20	
U42	74LS74	7	14	
U30	80C188	26, 50	9, 43	
U51	8259	14	28	
U41	9122	8	22	
U34	MAX1232	4	8	
U5, 7, 52	MAX233	6, 9	7	
U4, 45-47	PAL22V10	10	20	
U13	SDD	NOTE		
U1, 2	TIL311	7	14	
U49	74LS245	10	20	
U31	DPRAM	24	48	
U38, 44-46, 53	ATV750	10	20	
U43	7406	7	14	

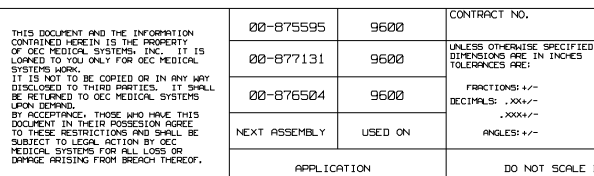
NOTE: SDD GND PINS AS FOLLOWS: 2, 19, 22, 24, 26, 30, 40

CONFIGURATION TABLE						
APPLICATION	S1-1	S1-2	S1-3	S1-4	U13	U15
-01	ON	ON	ON	ON	ON	INSTALLED
UNASSIGNED	OFF	ON	ON	ON	ON	X
UNASSIGNED	ON	OFF	ON	ON	ON	X
UNASSIGNED	OFF	OFF	ON	ON	ON	X
UNASSIGNED	ON	ON	OFF	OFF	OFF	X
UNASSIGNED	OFF	ON	OFF	OFF	OFF	X
UNASSIGNED	ON	OFF	OFF	OFF	OFF	X
-02	ON	OFF	OFF	OFF	OFF	REMOVED

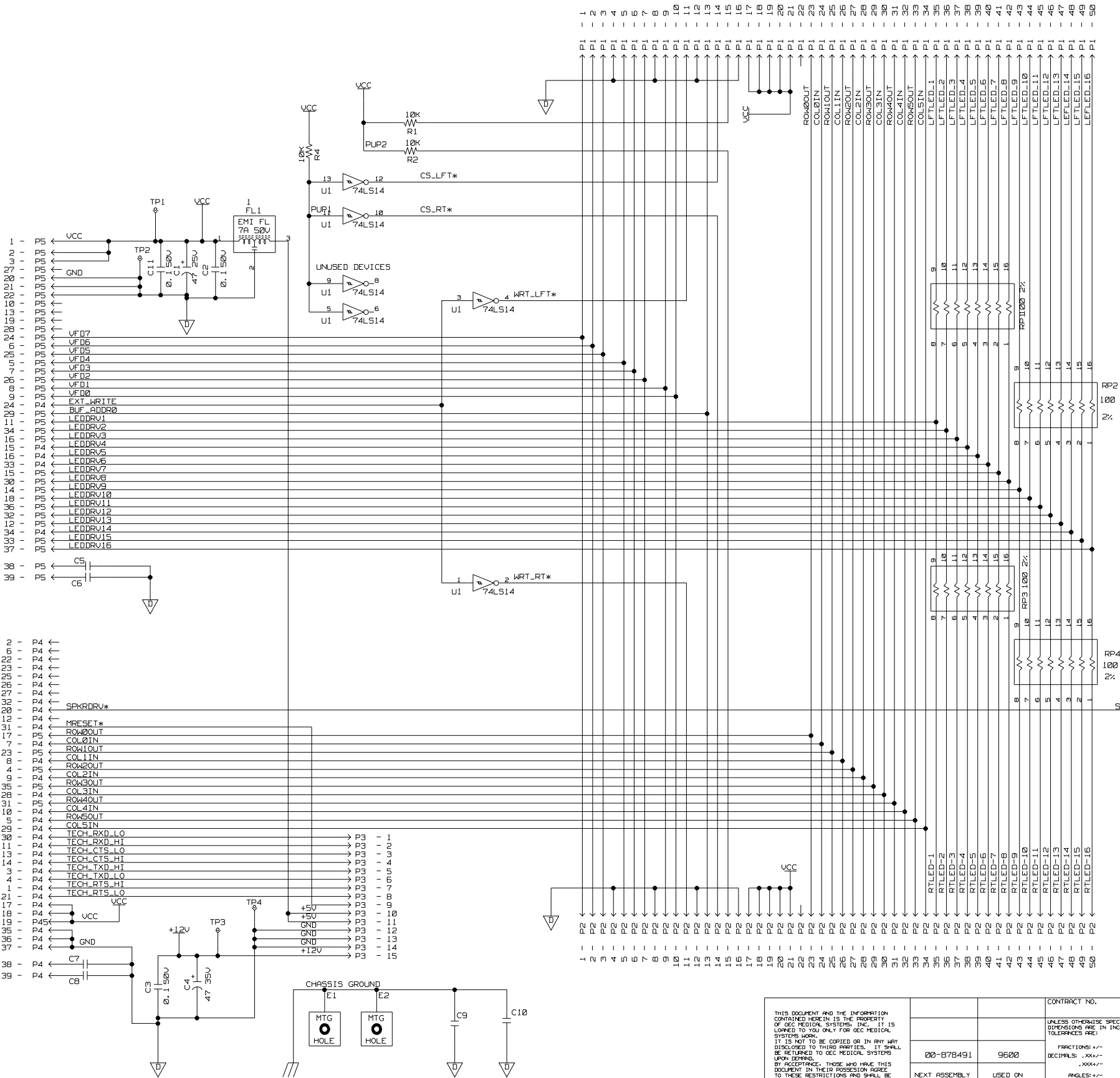
(THIS TABLE ALSO EXISTS ON ASSEMBLY DRAWING 00-877744
IF CHANGES ARE MADE TO THIS TABLE
BOTH THE SCHEMATIC AND ASSEMBLY SHOULD BE CHANGED)

REFERENCE DESIGNATIONS	
HIGHEST	UNUSED
C57	C54
E2	
FL4	
P4	P3
R34	R7, 13, 33
S2	
TP41	TP4, 5, 22-29
U54	
Y3	
SDD GND	
SDD +5	

OEC MEDICAL SYSTEMS, INC.



DWG NO.	00-878489	SHT	1	REV	A1	1
ENGIN.	REV.	1	REVISIONS	EDR	01340	
REV	A	RELEASED TO MANUFACTURING PER ECO V361	DATE	10-3-95	APPROVED	C. BALL
A1	REVISED PER ECO V617					



- NOTES:
- UNLESS OTHERWISE SPECIFIED
-ALL RESISTORS ARE IN OHMS, 1/4W, 5%
-ALL CAPACITORS ARE IN MICROFARADS, 50V
 - C5-C10 ARE FOR EMI PURPOSES AND ARE NOT NORMALLY STUFFED WITH CAPACITORS.

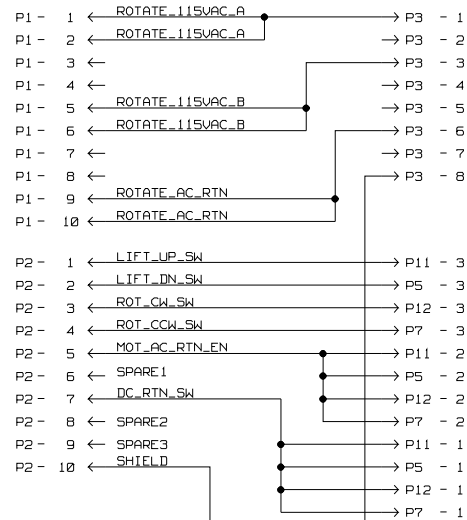
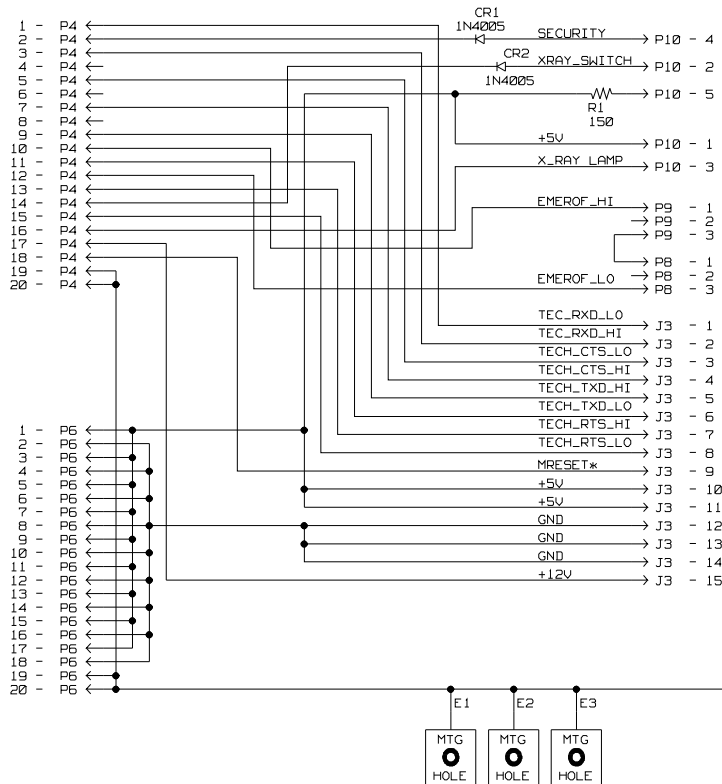
REF DESIGNATIONS	DEVICE	GND	+5V	UNUSED
U1	74LS14	7	14	U1-B, D

HIGHEST	UNUSED
C11	
E2	
FL1	
LS1	
R4	
P5	
TP4	
RP4	
U1	U1-B, D

ITEM	QTY.	PART OR IDENT NO.	DESCRIPTION
PARTS LIST			
OEC MEDICAL SYSTEMS, INC.			
DRAWN		DATE	DWG TITLE
M. UHREY		5/26/95	CONTROL PANEL PROCESSOR I/O
CHECKED		DATE	SCHEMATIC DIAGRAM
B. WALKER		6/08/95	
ENGINEERING		DATE	SIZE
M. UHREY		6/08/95	DWG NO.
APPROVED			00-878489
SCALE:		NONE	REV A1
APPLICATION		DO NOT SCALE DRAWING	SHEET 1 OF 1

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ENGINE, REV 4		REVISIONS		EDR 01340	
REV	DESCRIPTION	DATE	APPROVED		
A	RELEASED TO MANUFACTURING PER ECO V316				



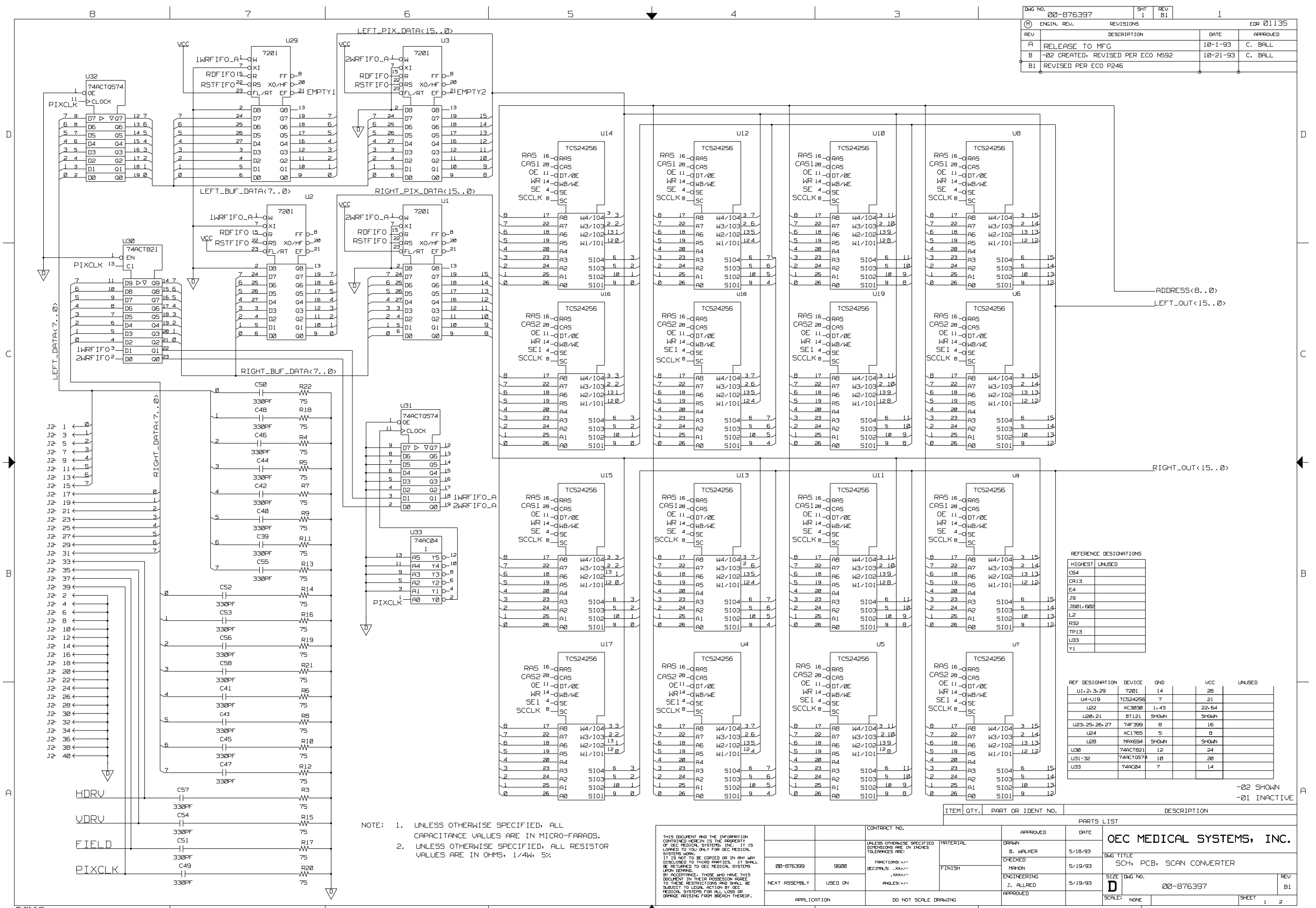
-01 SHOWN

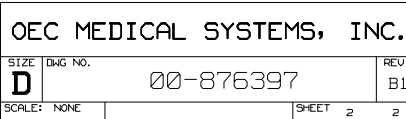
ITEM	QTY.	PART OR IDENT NO.	DESCRIPTION			
PART LIST						
SERIAL		APPROVALS	DATE	OEC MEDICAL SYSTEMS, INC.		
		DRAWN B. WALKER	4-27-95			
TEST		CHECKED M. UHREY	6-12-95	DWG TITLE COLUMN I/O PCB SCHEMATIC		
		ENGINEERING B. WALKER	6-12-95	SIZE C	DWG NO. 00-878492	REV A
DRAWING		APPROVED	SCALE	N/A	SHEET 1 OF 1	

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CONTRACT NO.		MATERIAL	
00-878494		FINISH	
NEXT ASSY		USED ON	
APPLICATION		DO NOT SCALE DRAWING	

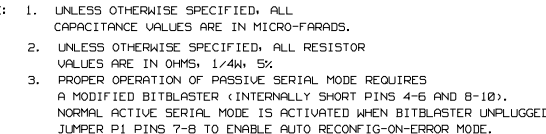
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:
FRACTIONS: +/-
DECIMALS: .XX +/-
ANGLES: +/-



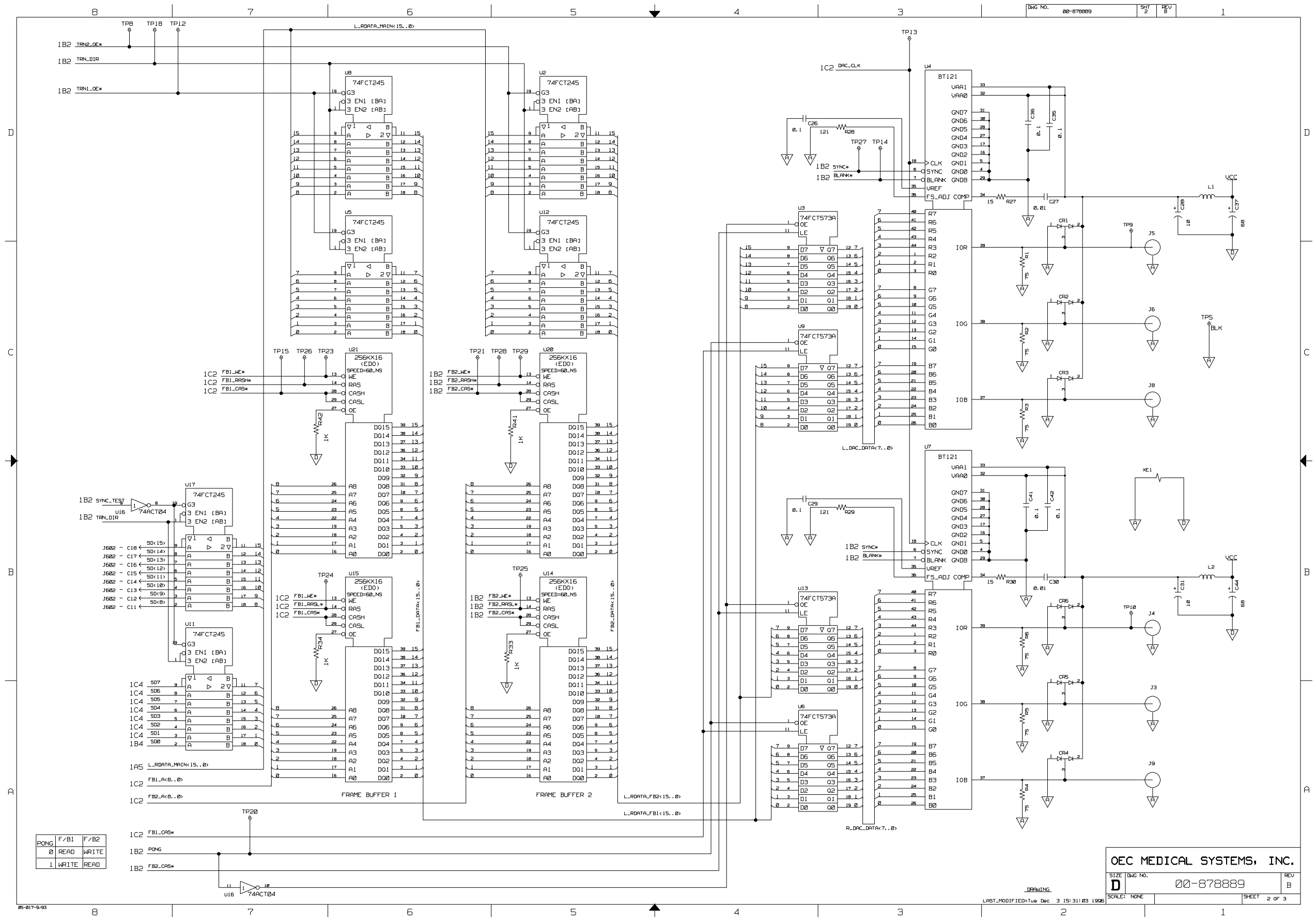


[illegible]

	I
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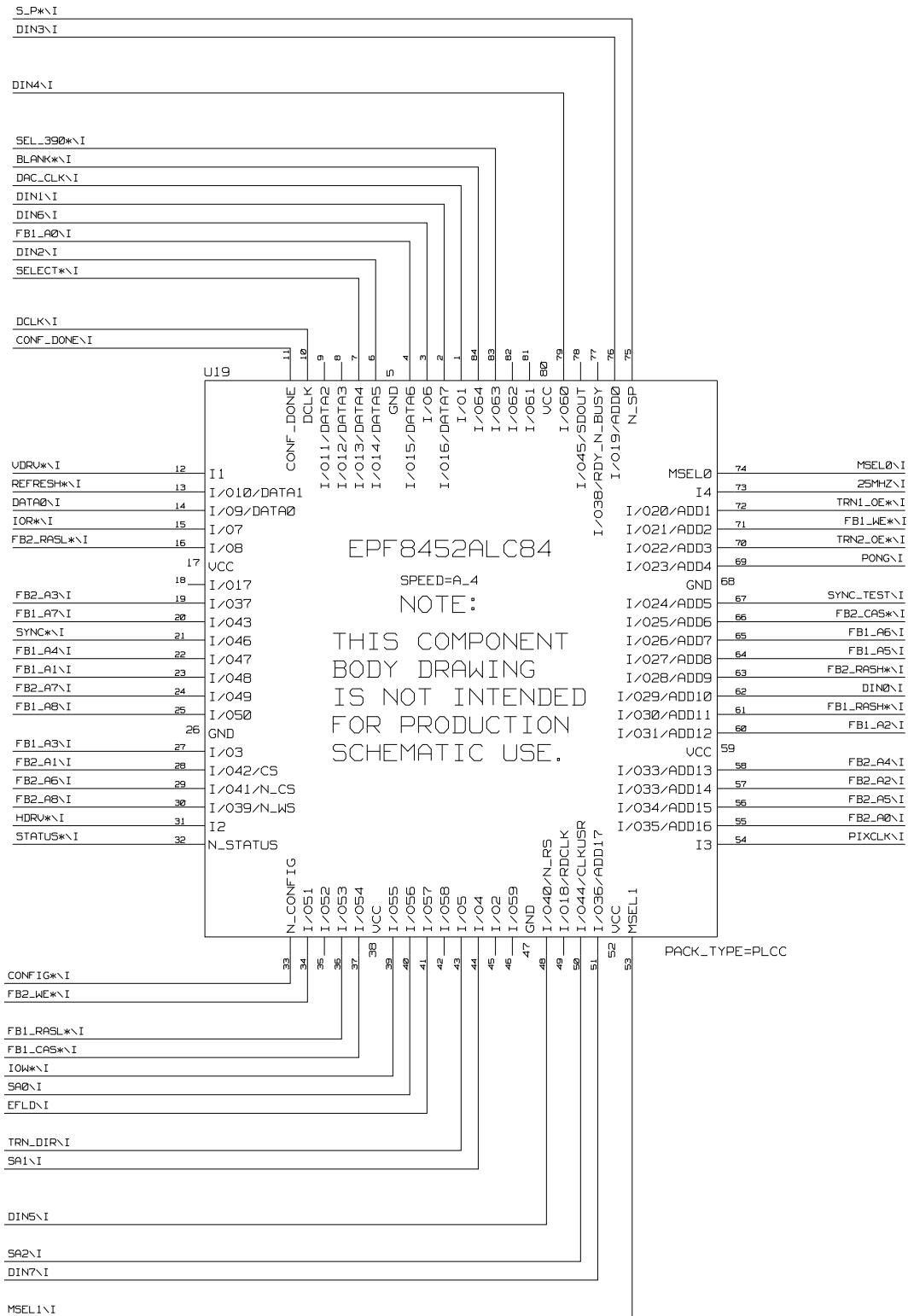


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00-878891		9500		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:		DRAWN K. JOHNSON 1/9/95		BKG INFO SCH: PCB, F/F SCAN NUMBER: 95P3	
NEXT ASSEMBLY		USED ON		FRACTIONS: $\frac{1}{16}$ DECIMALS: .XXX		CHECKED D. DARLEY 2/13/95		SIZE D	
APPLICATION		DO NOT SCALE DRAWING		FINISH XXXXX		ENGINEERING KEN JOHNSON 2/13/95		BKG INFO 00-878889	
				ANGLES: $\pm 1^\circ$		APPROVED		REV B	
						SCALE: NONE		SHEET 1 OF 3	



PONG	F/B1	F/B2
0	READ	WRITE
1	WRITE	READ

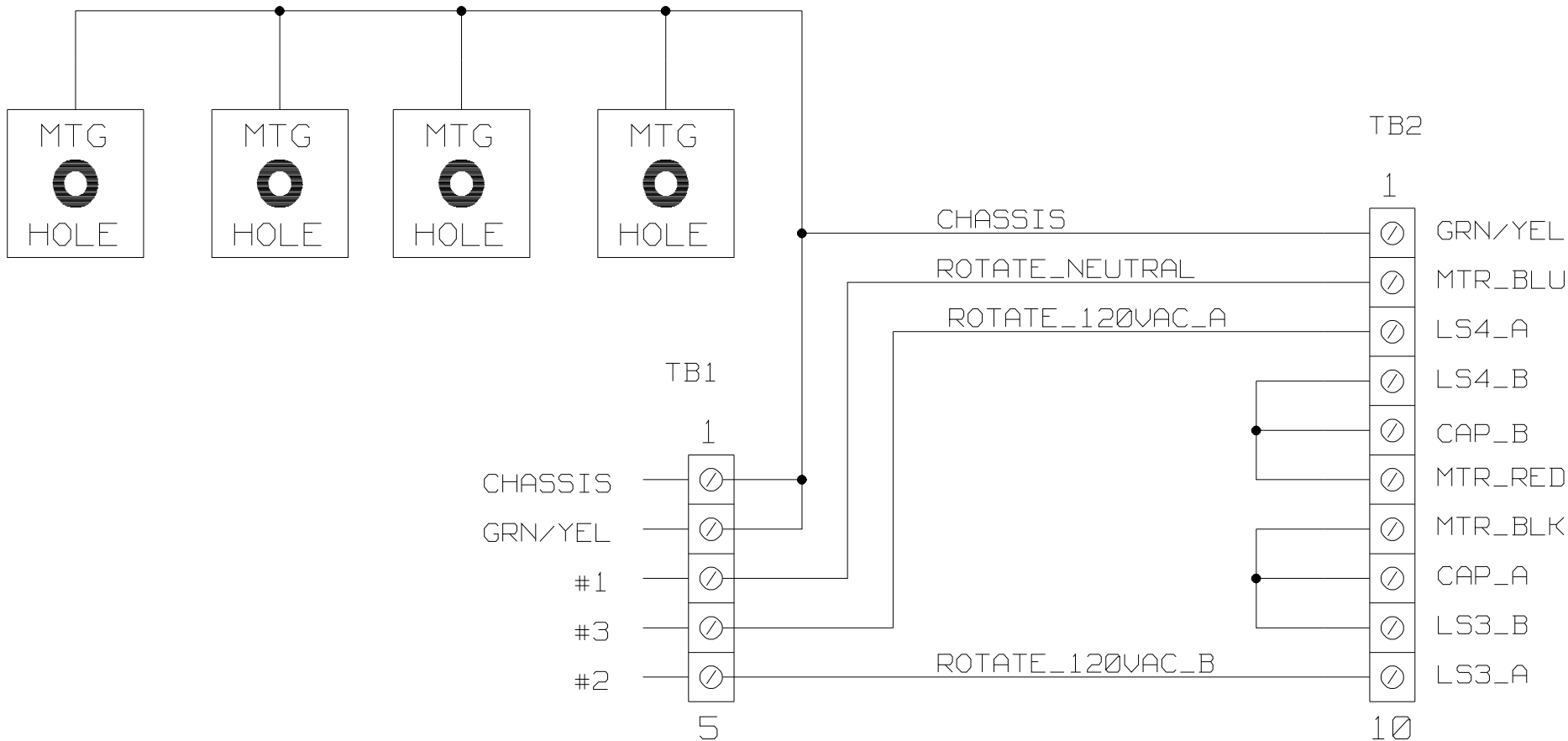
OEC MEDICAL SYSTEMS, INC.		
SIZE	DWG NO.	REV
D	00-878889	B



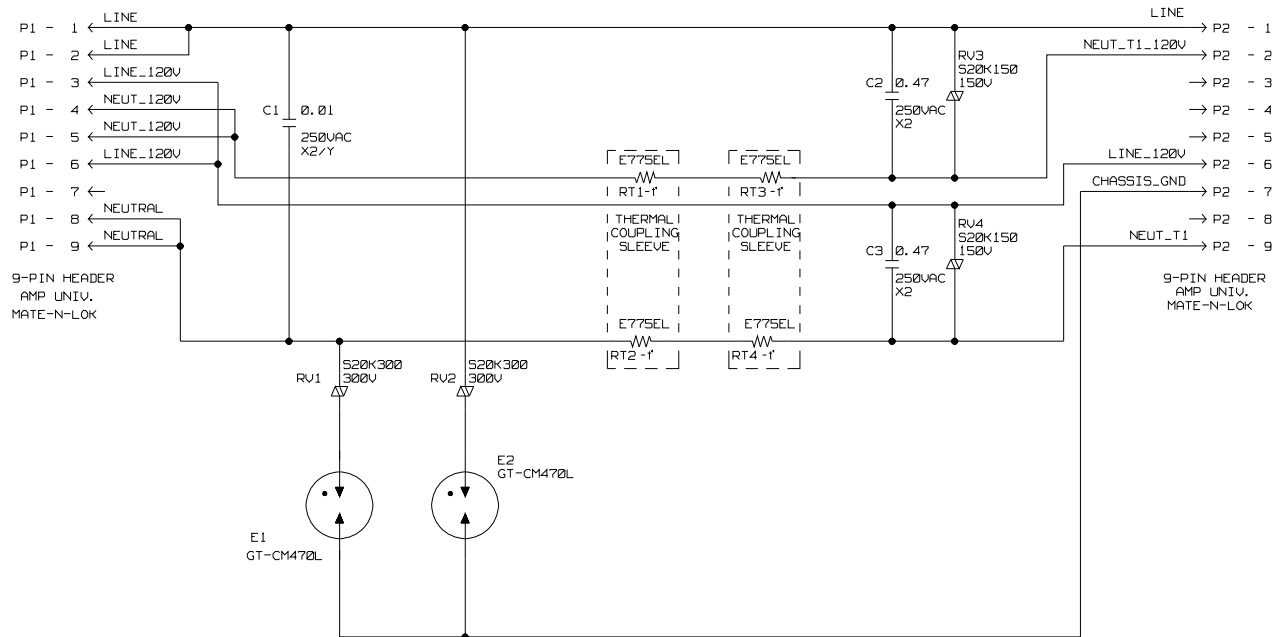
OEC MEDICAL SYSTEMS, INC.

SIZE	DWG NO.	REV
C	00-878889 (SCAN_CTRL)	B
SCALE	SHEET 3 OF 3	

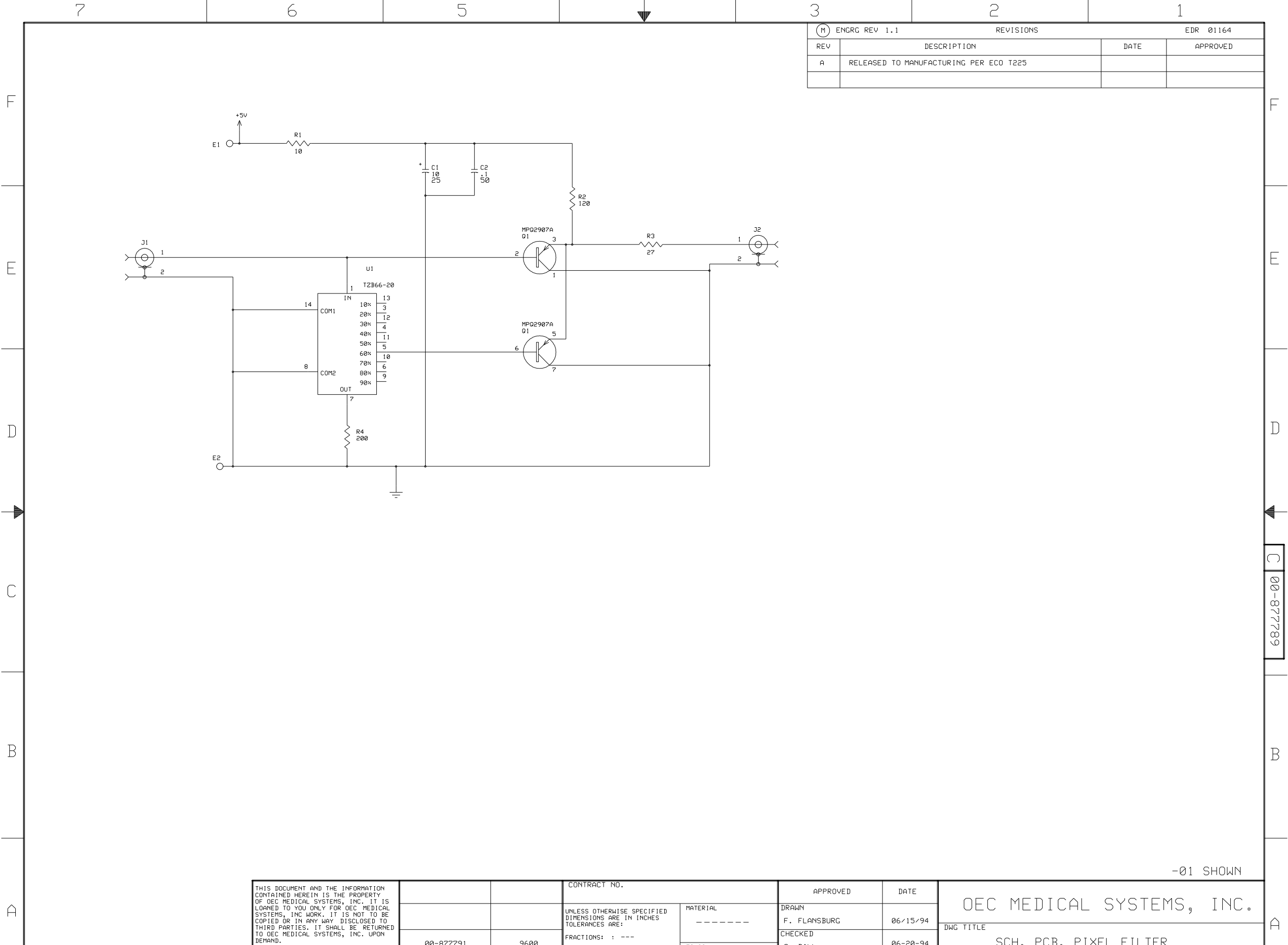
DRAWING
LAST_MODIFIED=Tue Dec 3 15:14:12 1996

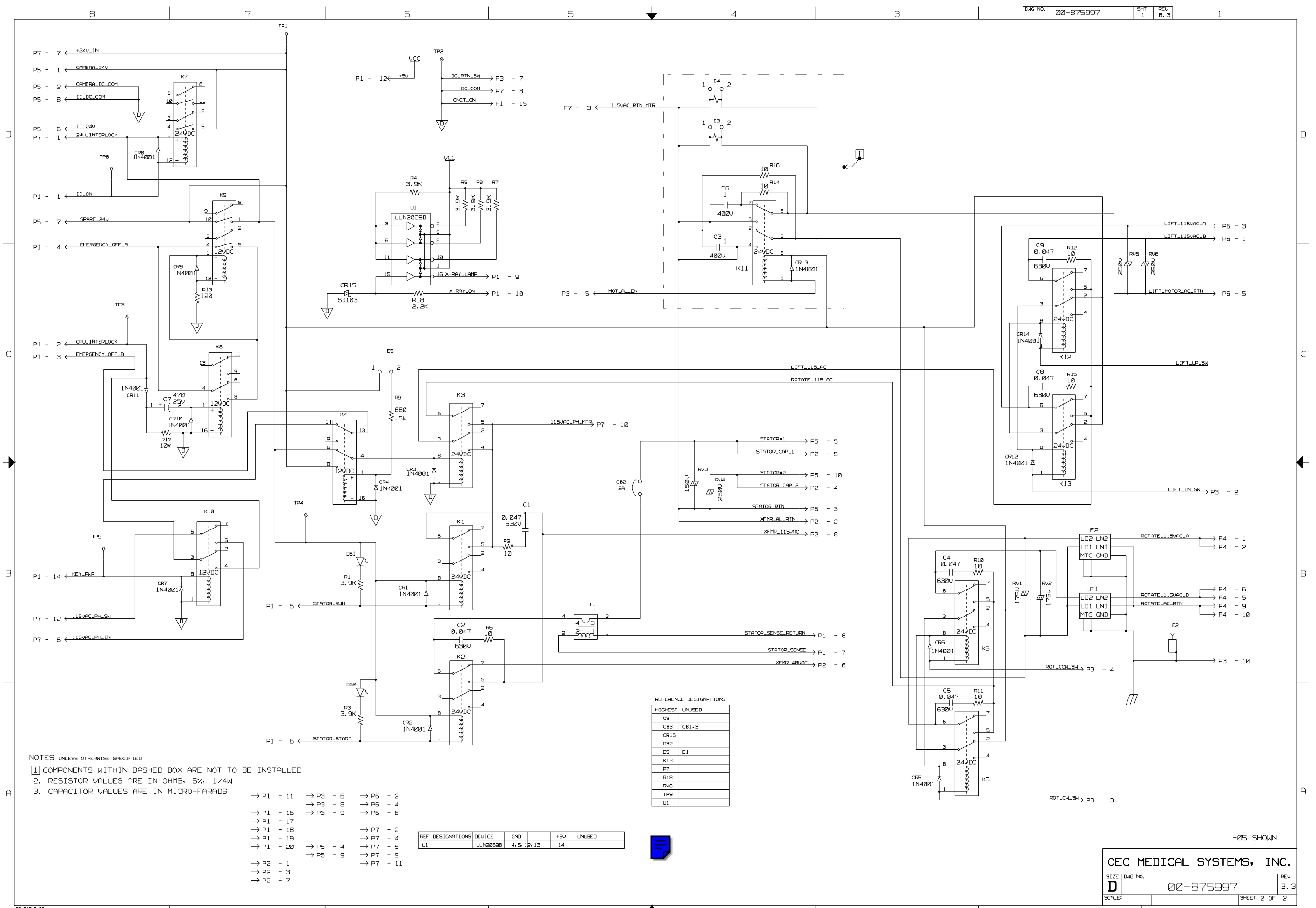


ENGIN. REV 3		REVISIONS		EDR 01246
REV	DESCRIPTION	DATE	APPROVED	
A	RELEASED TO MFG PER ECO P690	2-11-94	C. BALL	
A1	REVISED PER ECO T804			



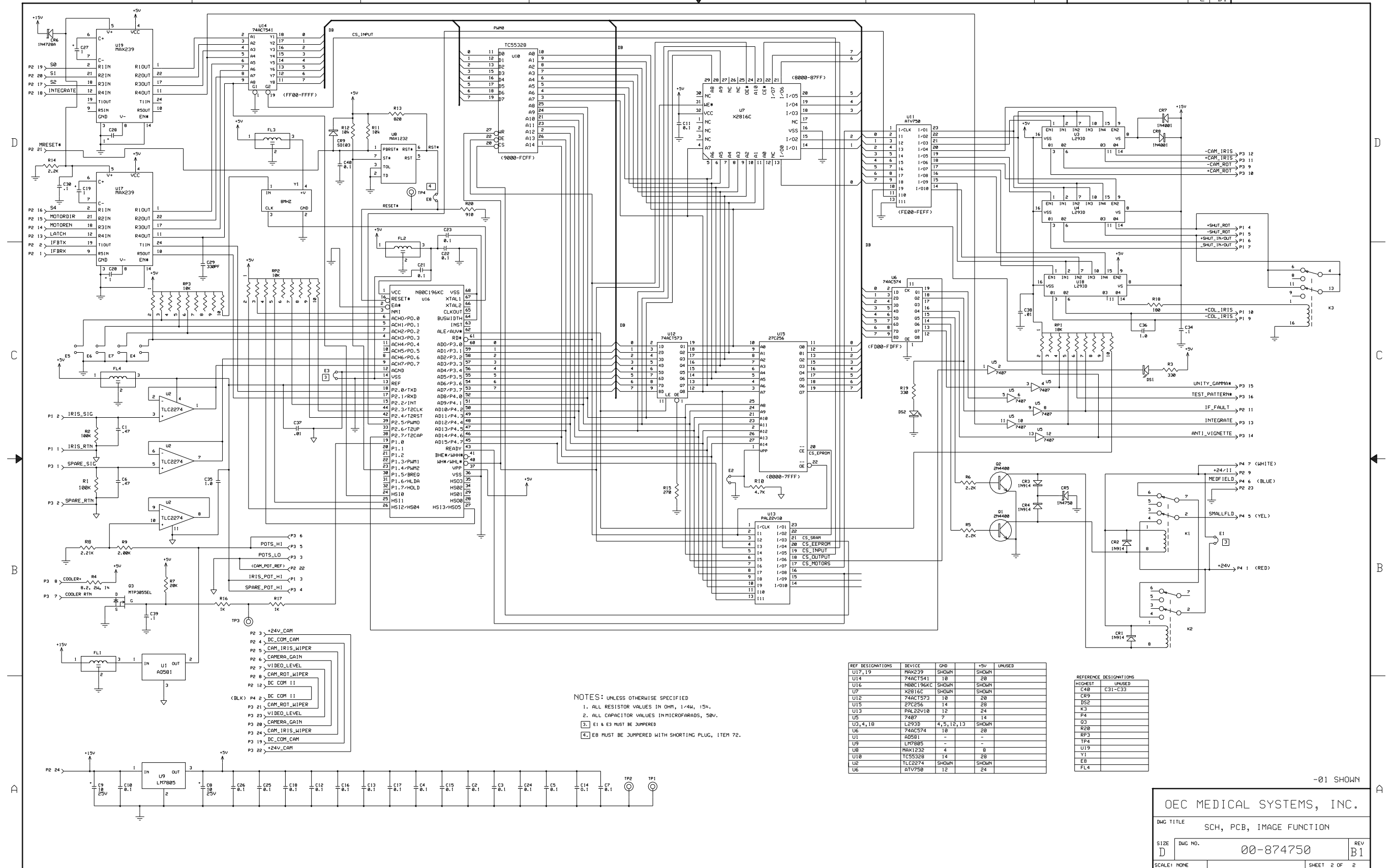
		00-875595		9600				ITEM QTY.		PART OR IDENT. NO.		DESCRIPTION							
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		00-877066		9600		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:		MATERIAL		DRAWN MARTIN WILLCOCKS		8/23 1993		OEC MEDICAL SYSTEMS, INC.					
		00-877131		9600		FRACTIONS: +/- DECIMALS: .XXX +/- ANGLES: +/-		FINISH		CHECKED K. MAHON		9/14 1993		DWG TITLE SCH, PCB, SURGE SUPPRESSOR					
		NEXT ASSY		USED ON						ENGINEERING M. WILLCOCKS		9/14 1993		SIZE C		DWG NO. 00-876784		REV A1	
		APPLICATION				DO NOT SCALE DRAWING				APPROVED				SCALE NONE				SHEET 1 OF 1	



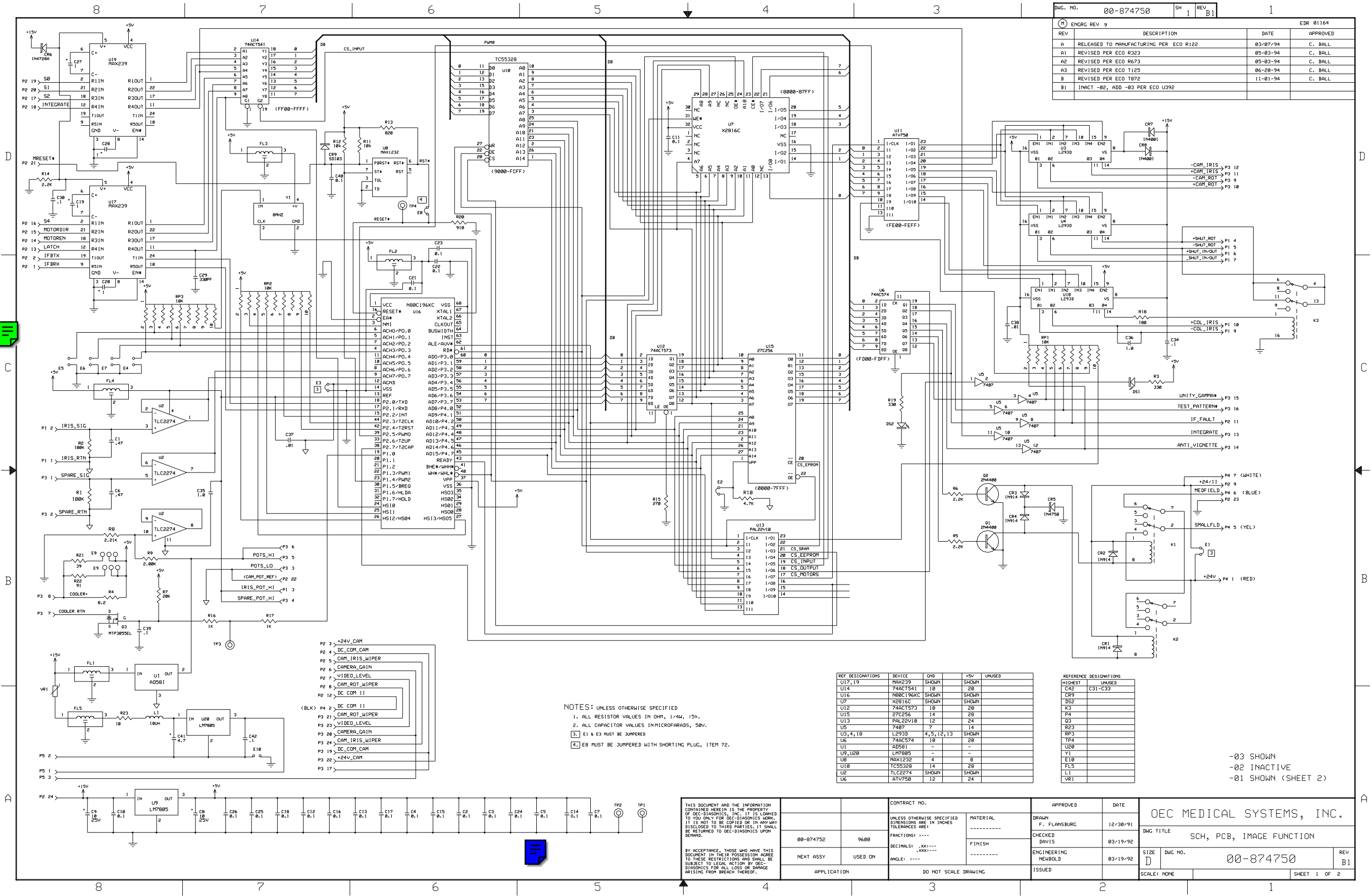


Electrical Schematic Diagram
00-875972, Image Processor,
is not
included in this package.

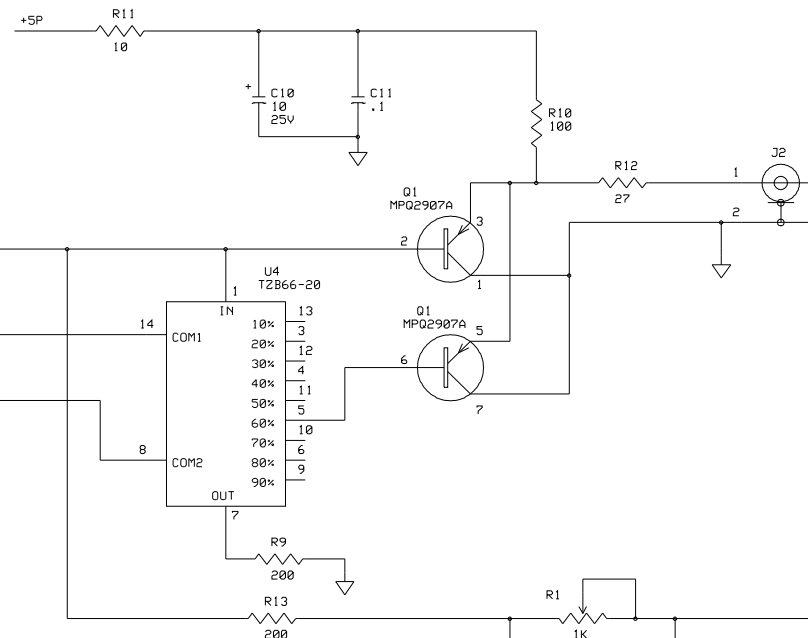
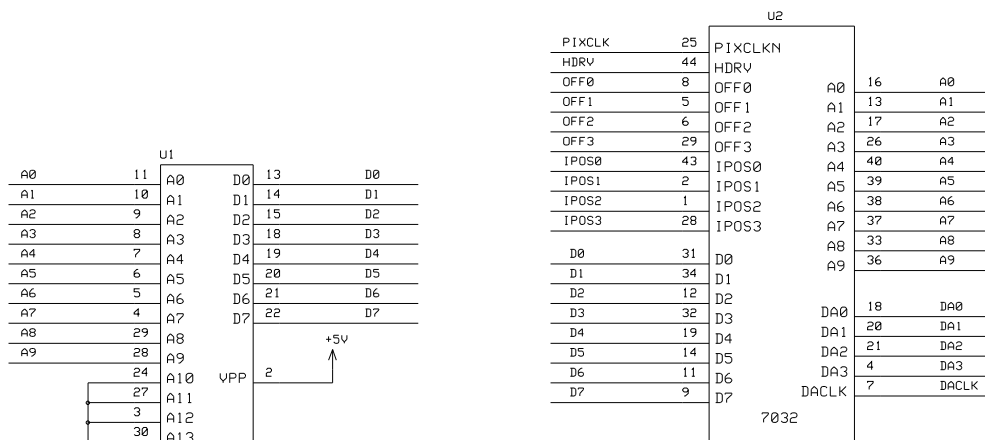
The diagram is not currently available
in electronic form.



DWG. NO.	REV	DESCRIPTION	DATE	APPROVED
00-874750	B1			
ENCGRG REV 9				EDR 01164
REV		DESCRIPTION	DATE	APPROVED
A		RELEASED TO MANUFACTURING PER ECO R122	03-07-94	C. BALL
A1		REVISED PER ECO R223	05-03-94	C. BALL
A2		REVISED PER ECO R673	05-03-94	C. BALL
A3		REVISED PER ECO T125	06-20-94	C. BALL
B		REVISED PER ECO T872	11-01-94	C. BALL
B1		INACT -02, ADD -03 PER ECO U392		

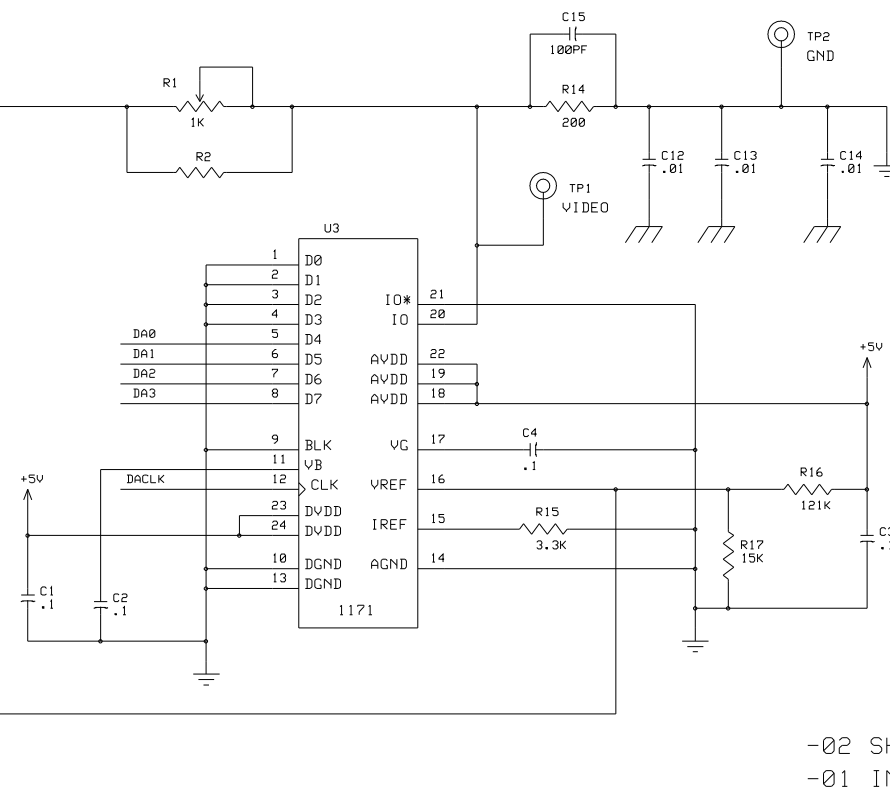
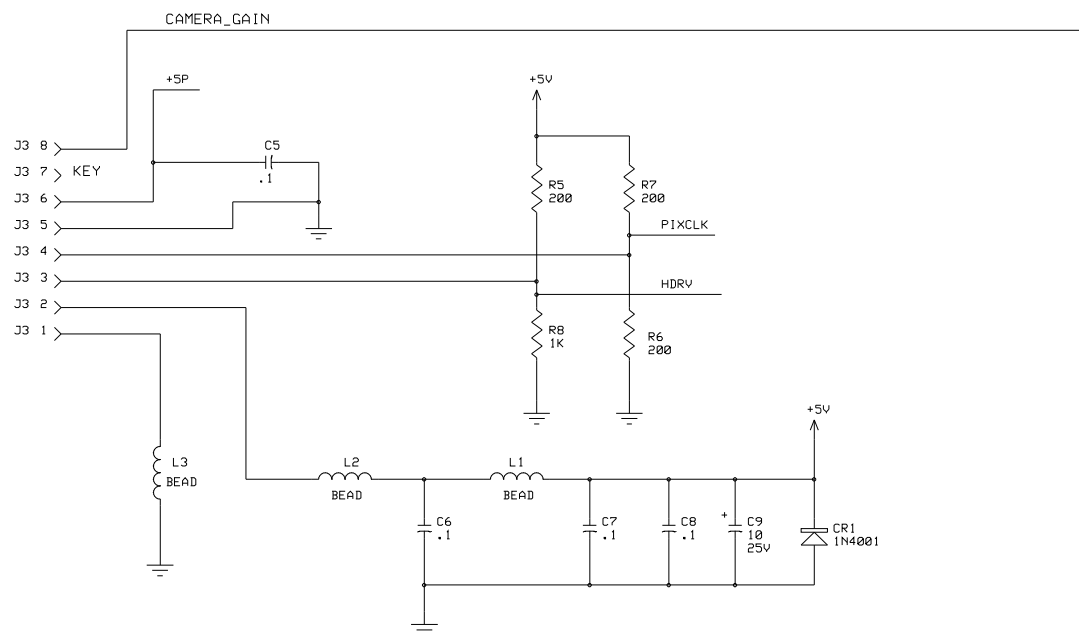


(M) ENGRG REV 2.1		REVISIONS		EDR 01164	
REV	DESCRIPTION		DATE	APPROVED	
A	RELEASED TO MANUFACTURING PER ECO T872		11/04/94	C. BALL	
A1	REVISED PER ECO T939				



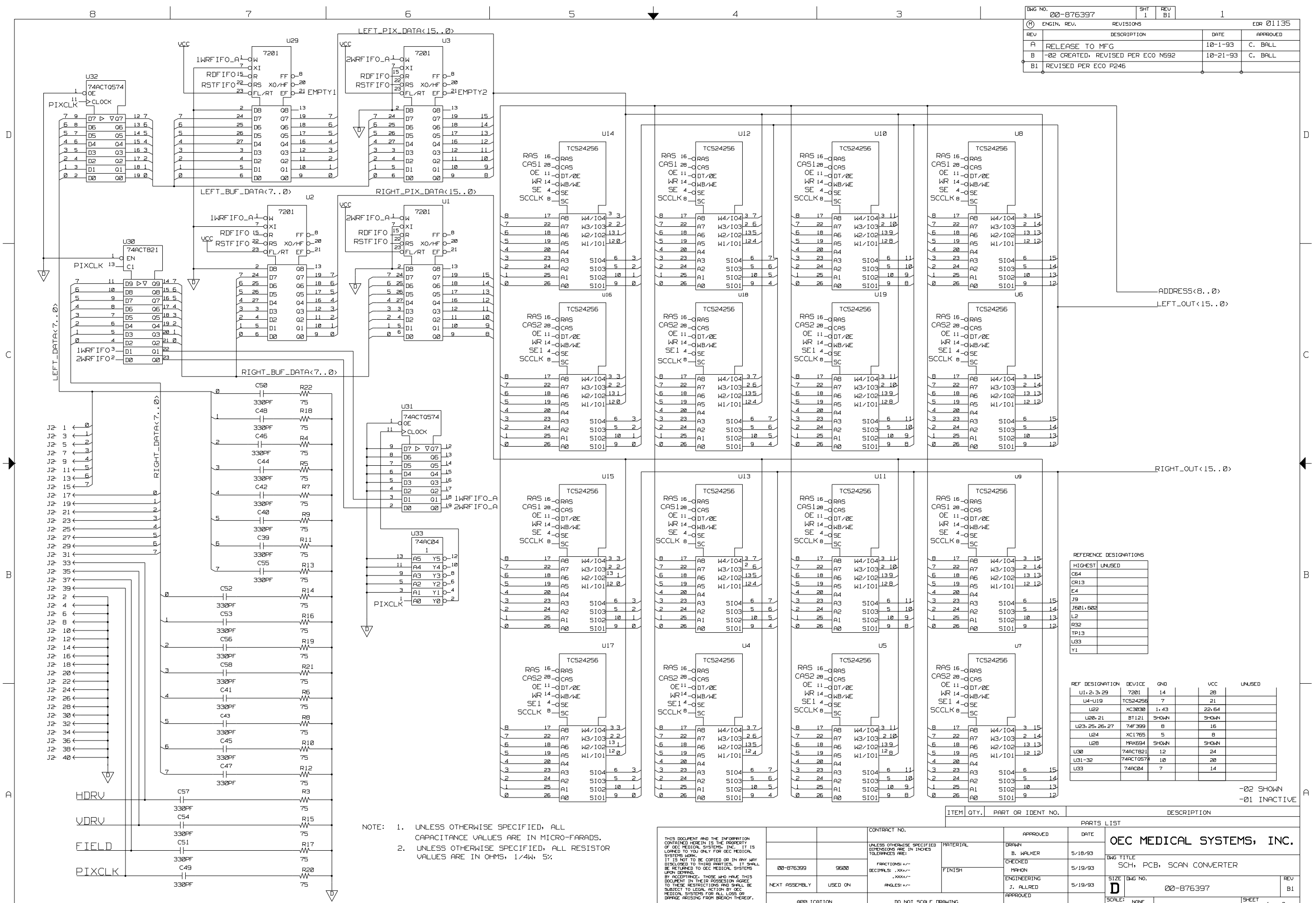
HIGHEST	UNUSED
C16	
CR1	
J3	
L3	
Q1	
R18	
RP1	
SW2	
TP2	
U4	

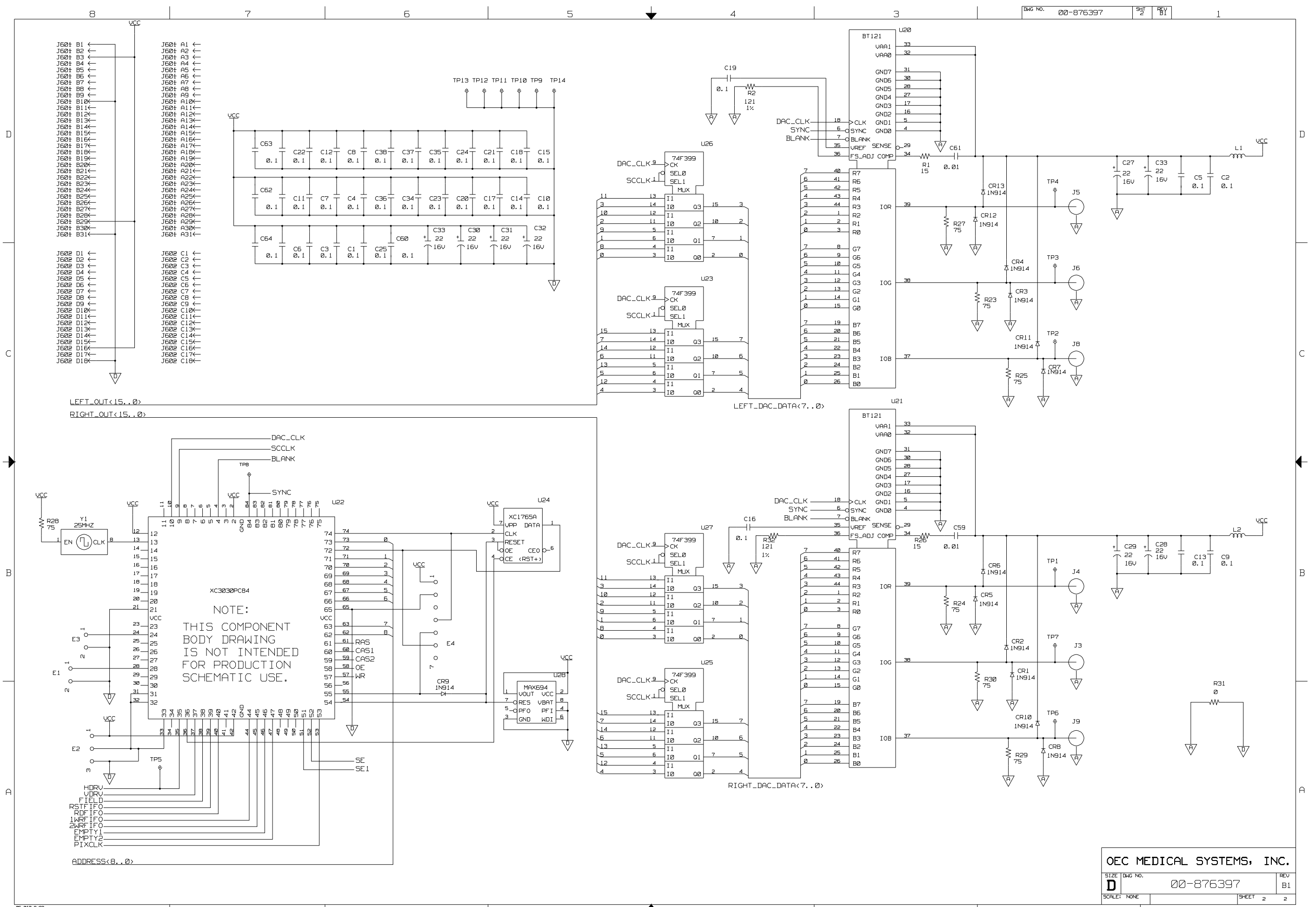
R2 & R18 NOT INSTALLED



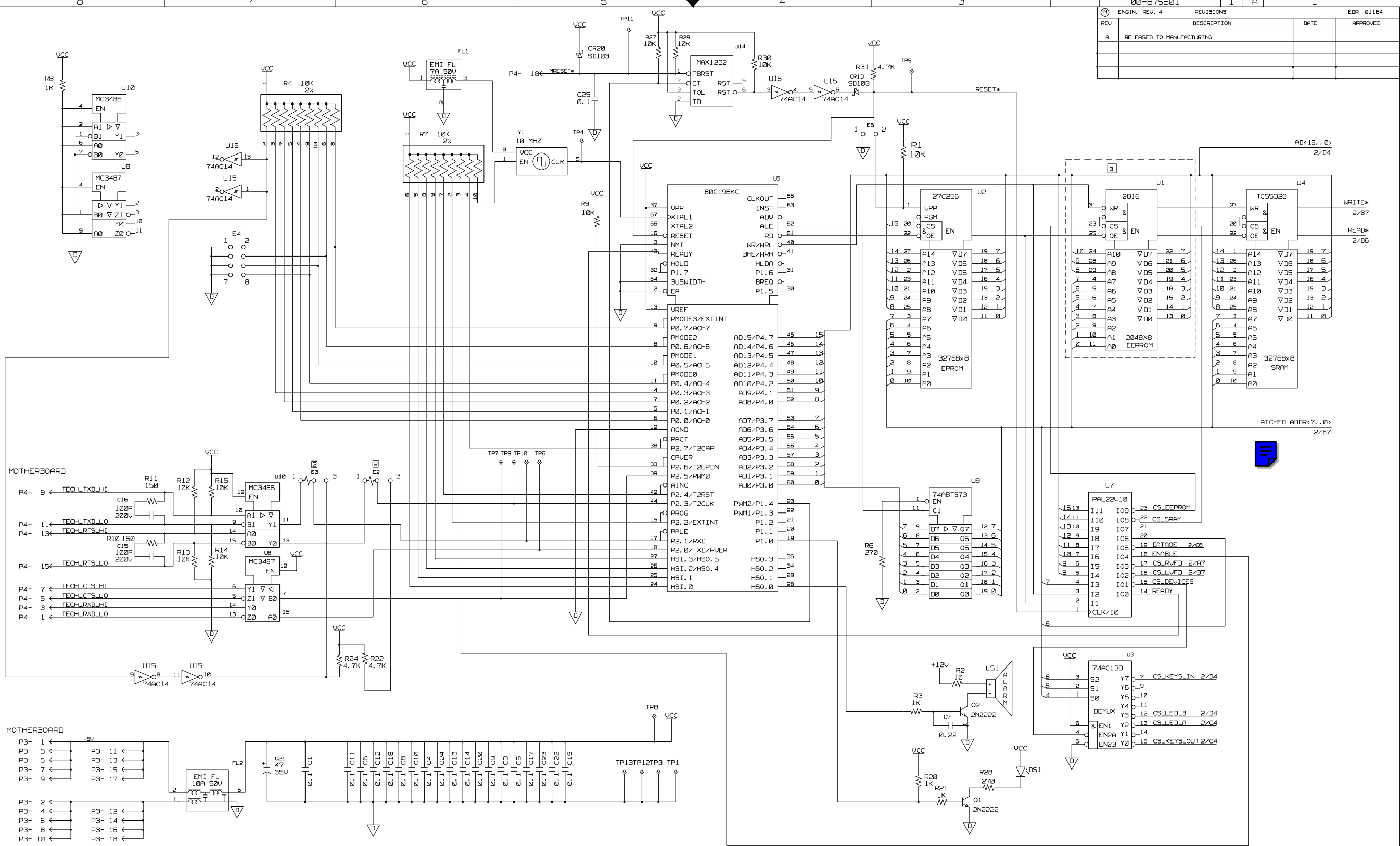
-02 SHOWN
-01 INACTIVE

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BY ACCEPTANCE, THOSE WHO HAVE THIS		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:		DRAWN		09/28/94		DWG TITLE	
00-878047		9600		F. FLANSBURG		10/05/94		SCH,PCB, PIXEL/COLUMN FILTER	
		FRACTIONS: : ---		CHECKED					
		DECIMALS: .XX: ---		C. BALL					





DWG NO.	00-875601	SHT	1	REV	A	1
ENGIN.	REV. 4	REVISIONS				EDR 01164
REV		DESCRIPTION		DATE		APPROVED
A		RELEASED TO MANUFACTURING				

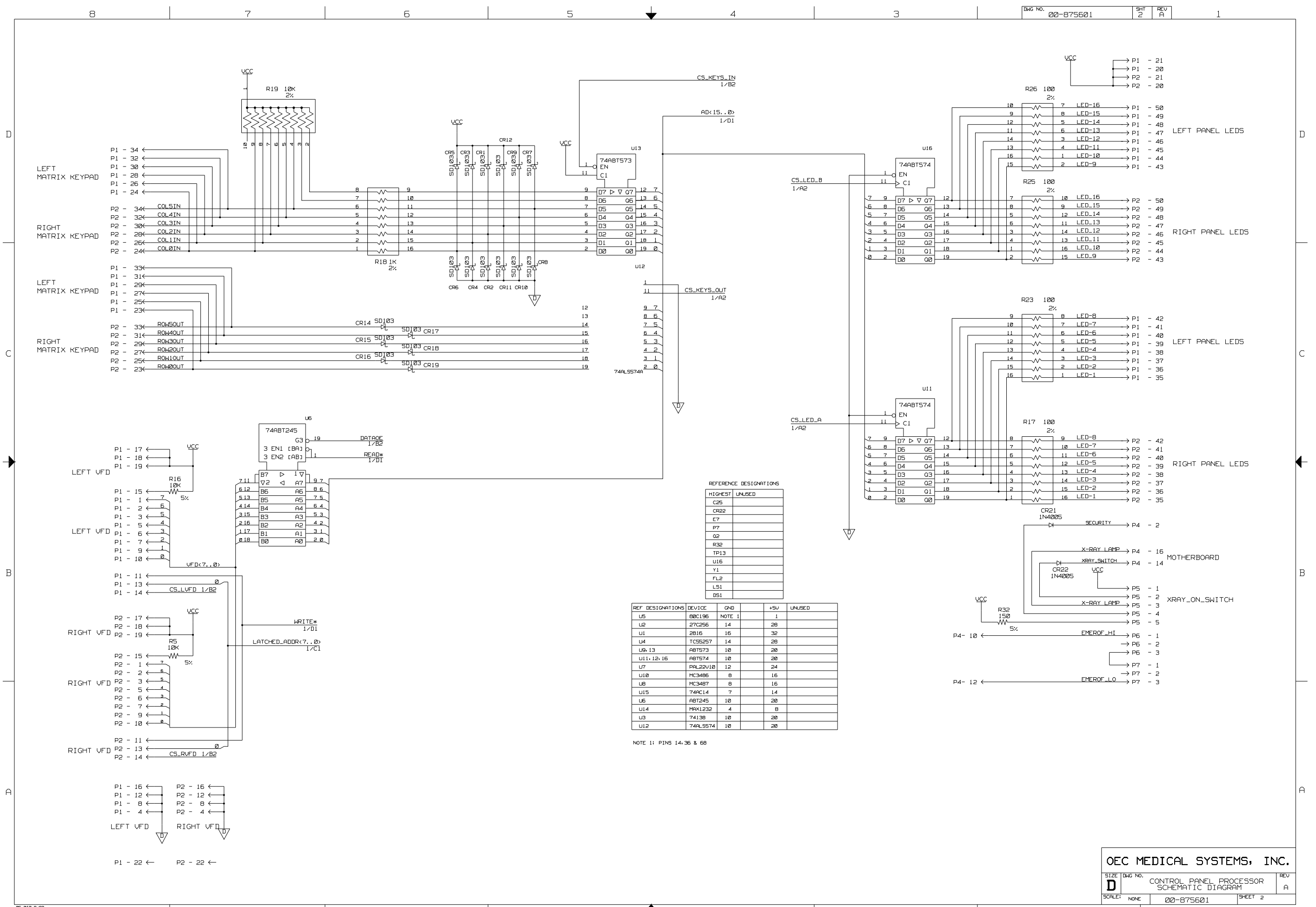


- NOTES:
1. UNLESS OTHERWISE SPECIFIED
-ALL RESISTORS ARE IN OHMS, 1/4W, 5%
-ALL CAPACITOR VALUES ARE IN MICROFARADS, 50V
JUMPER PINS 1-2 OF E2 & E3 FOR RS422 SERIAL COMMUNICATIONS
JUMPER PINS 2-3 OF E2 & E3 ARE HARDWIRED TOGETHER FROM THE FACTORY
 - 2.
 3. U1 IS NOT INSTALLED.

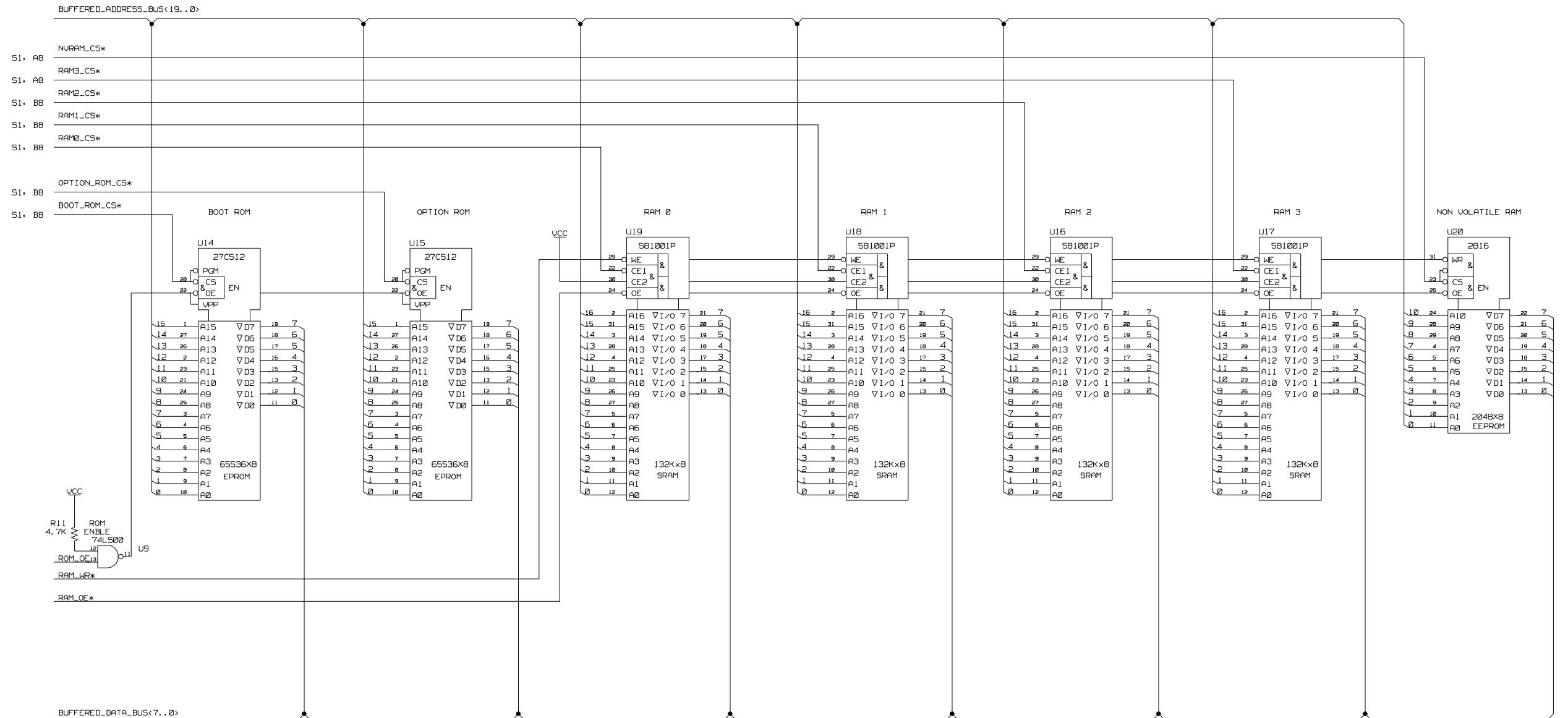
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CONTRACT NO.	00-875603	9600	APPROVED	DATE	02/08/93
MATERIAL	FINISH		DRAWN	N. NEWBOLD	CHECKED
			K. MAHON		ENGINEERING
			N. NEWBOLD		APPROVED
APPLICATION	DO NOT SCALE DRAWING		SCALE: NONE		SHEET 1 2

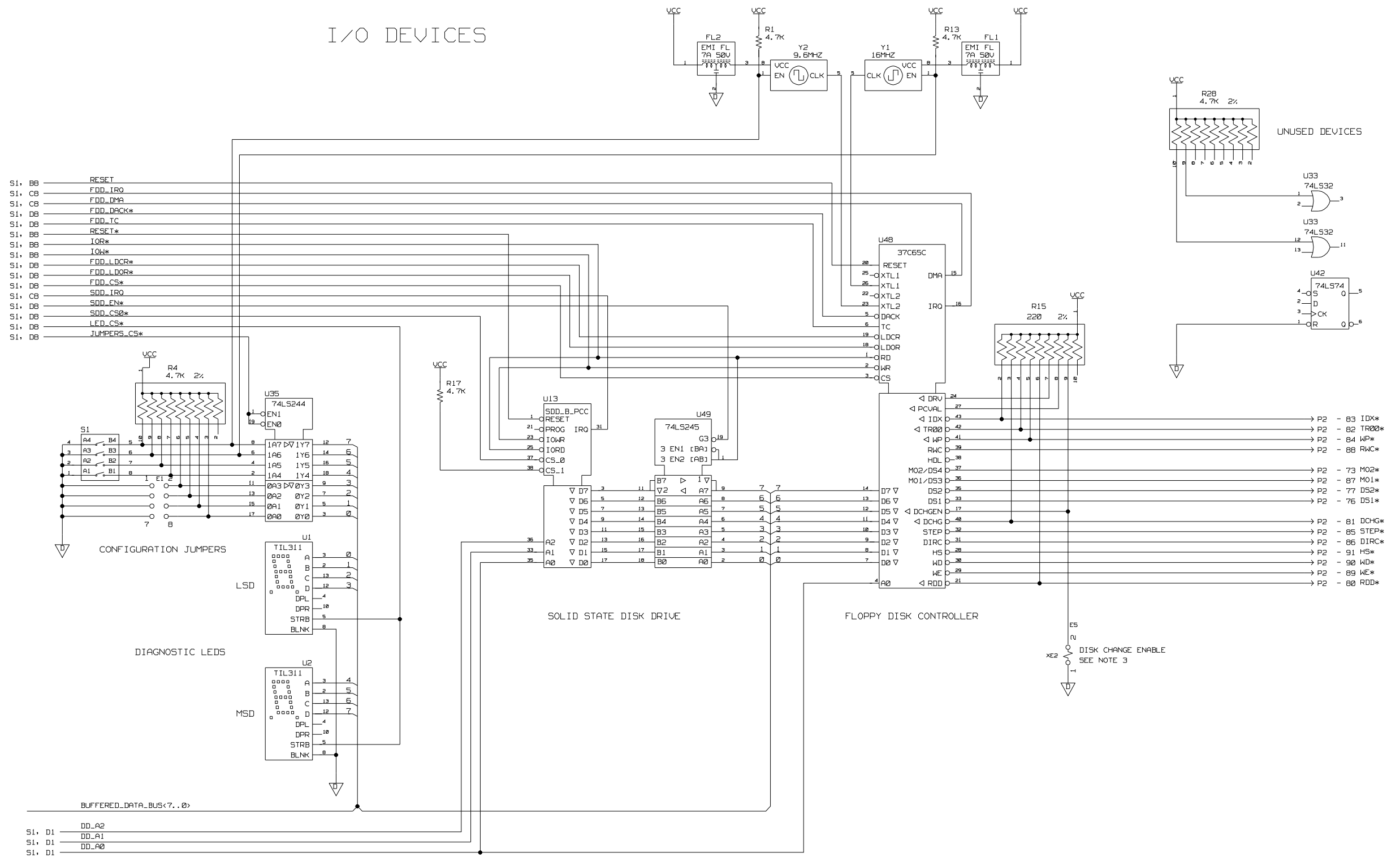
OEC MEDICAL SYSTEMS, INC.
DWG TITLE CONTROL PANEL PROCESSOR SCHEMATIC DIAGRAM
SIZE DWG NO. 00-875601
REV A



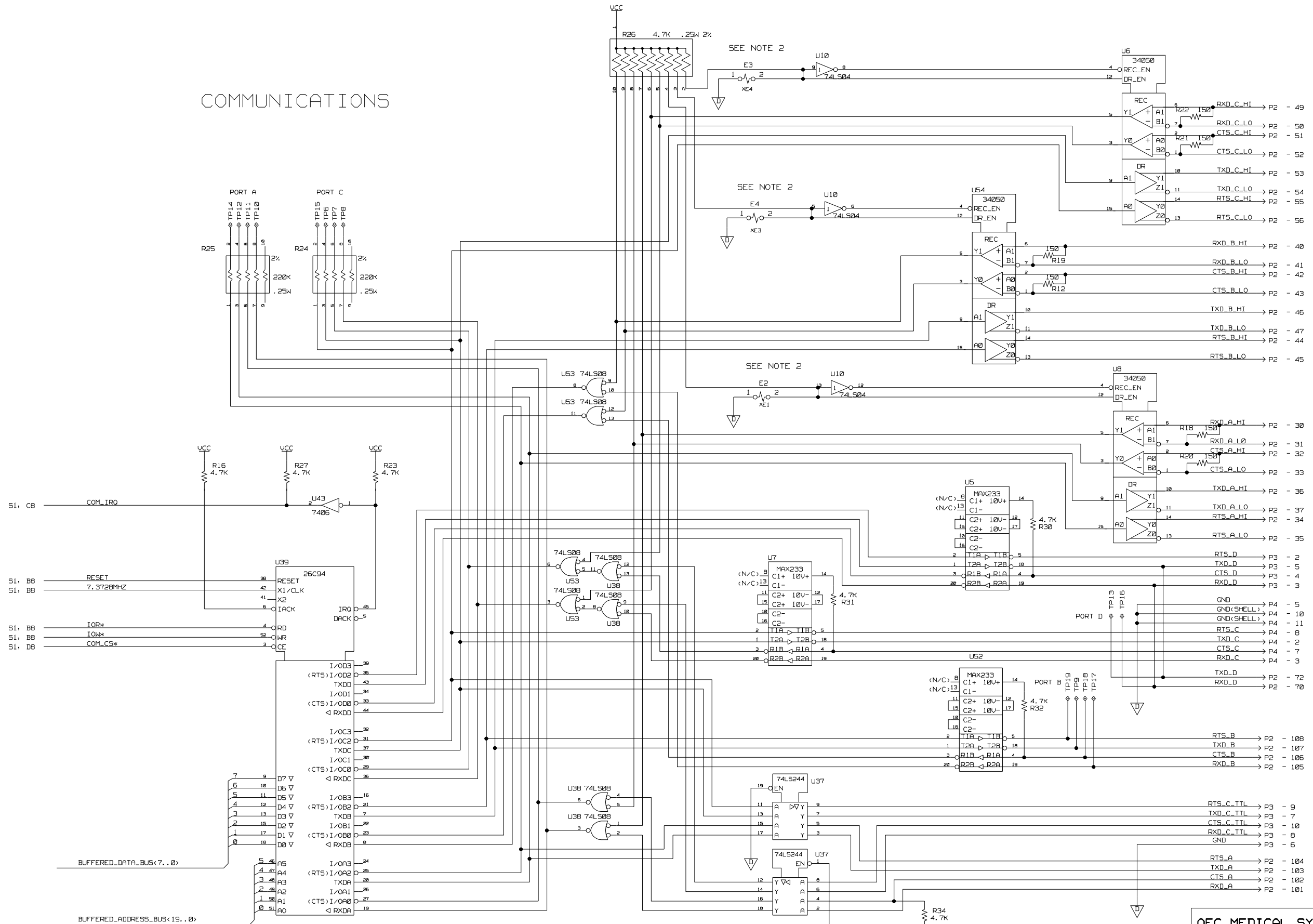
MEMORY



I/O DEVICES

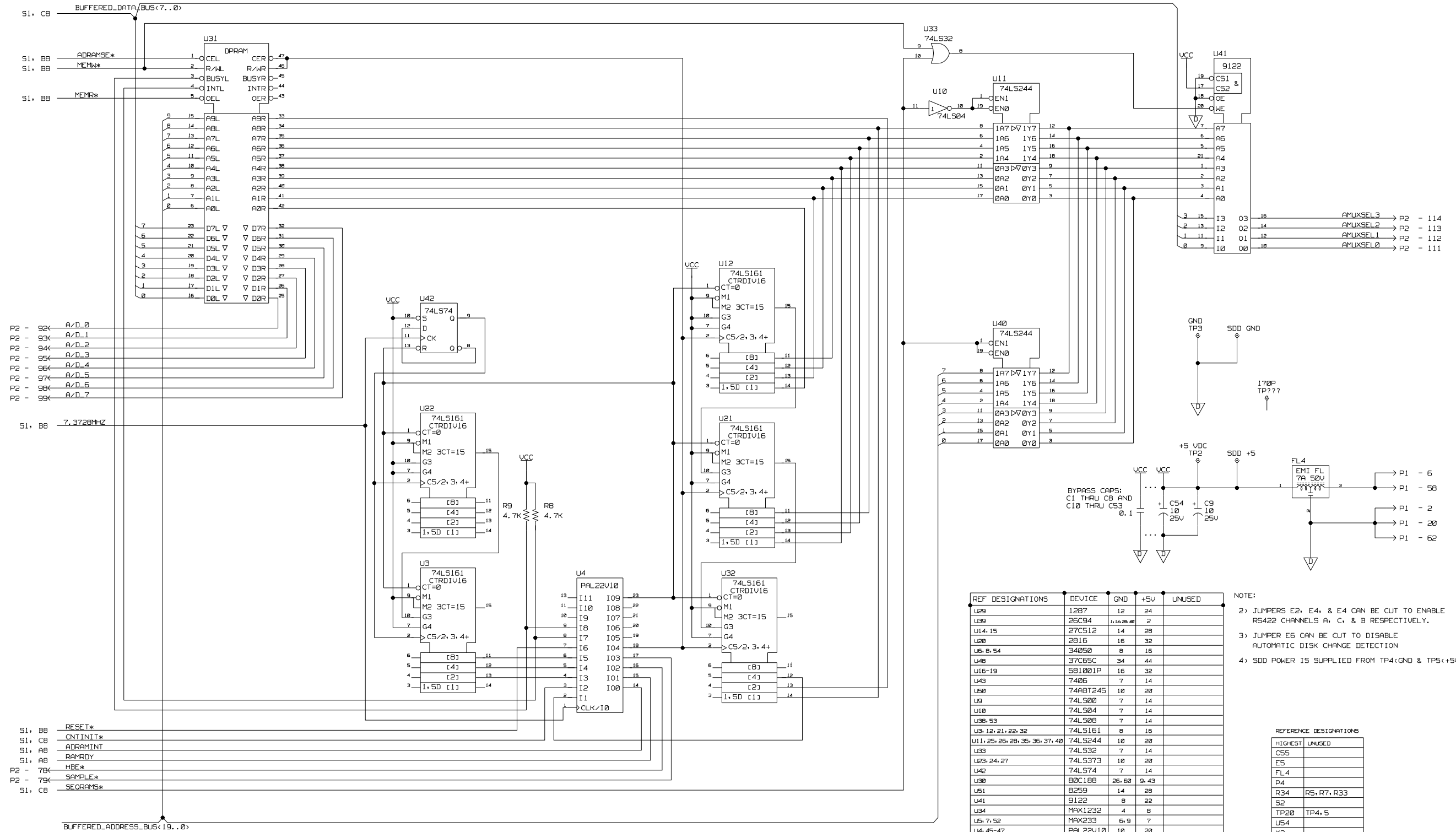


COMMUNICATIONS



OEC MEDICAL SYSTEMS, INC.

DUAL PORT RAM A/D INTERFACE



REF	DESIGNATIONS	DEVICE	GND	+5V	UNUSED
U29		1287	12	24	
U39		26C94	1, 14, 20, 40	2	
U14, 15		27C512	14	28	
U20		2816	16	32	
U6, 8, 54		34050	8	16	
U48		37C65C	34	44	
U16-19		581001P	16	32	
U43		7406	7	14	
U50		74ABT245	10	20	
U9		74LS00	7	14	
U10		74LS04	7	14	
U38, 53		74LS08	7	14	
U3, 12, 21, 22, 32		74LS161	8	16	
U11, 25, 26, 28, 35, 36, 37, 40		74LS244	10	20	
U33		74LS32	7	14	
U23, 24, 27		74LS373	10	20	
U42		74LS74	7	14	
U30		80C188	26, 60	9, 43	
U51		8259	14	28	
U41		9122	8	22	
U34		MAX1232	4	8	
U5, 7, 52		MAX233	6, 9	7	
U4, 45-47		PAL22V10	10	20	
U13		SDD	NOTE		
U1, 2		TIL311	7	14	
U49		74LS245	10	20	
U31		DPRAM	24	48	
U44-46		ATV750	10	20	
U43		7406	7	14	

NOTE:

- 2) JUMPERS E2, E4, & E4 CAN BE CUT TO ENABLE RS422 CHANNELS A, C, & B RESPECTIVELY.
- 3) JUMPER E5 CAN BE CUT TO DISABLE AUTOMATIC DISK CHANGE DETECTION
- 4) SDD POWER IS SUPPLIED FROM TP4(GND) & TP5(+5VDC)

REFERENCE DESIGNATIONS	
HIGHEST	UNUSED
C55	
E5	
FL4	
P4	
R34	R5, R7, R33
S2	
TP20	TP4, 5
U54	
Y3	
SDD GND	
SDD +5	
