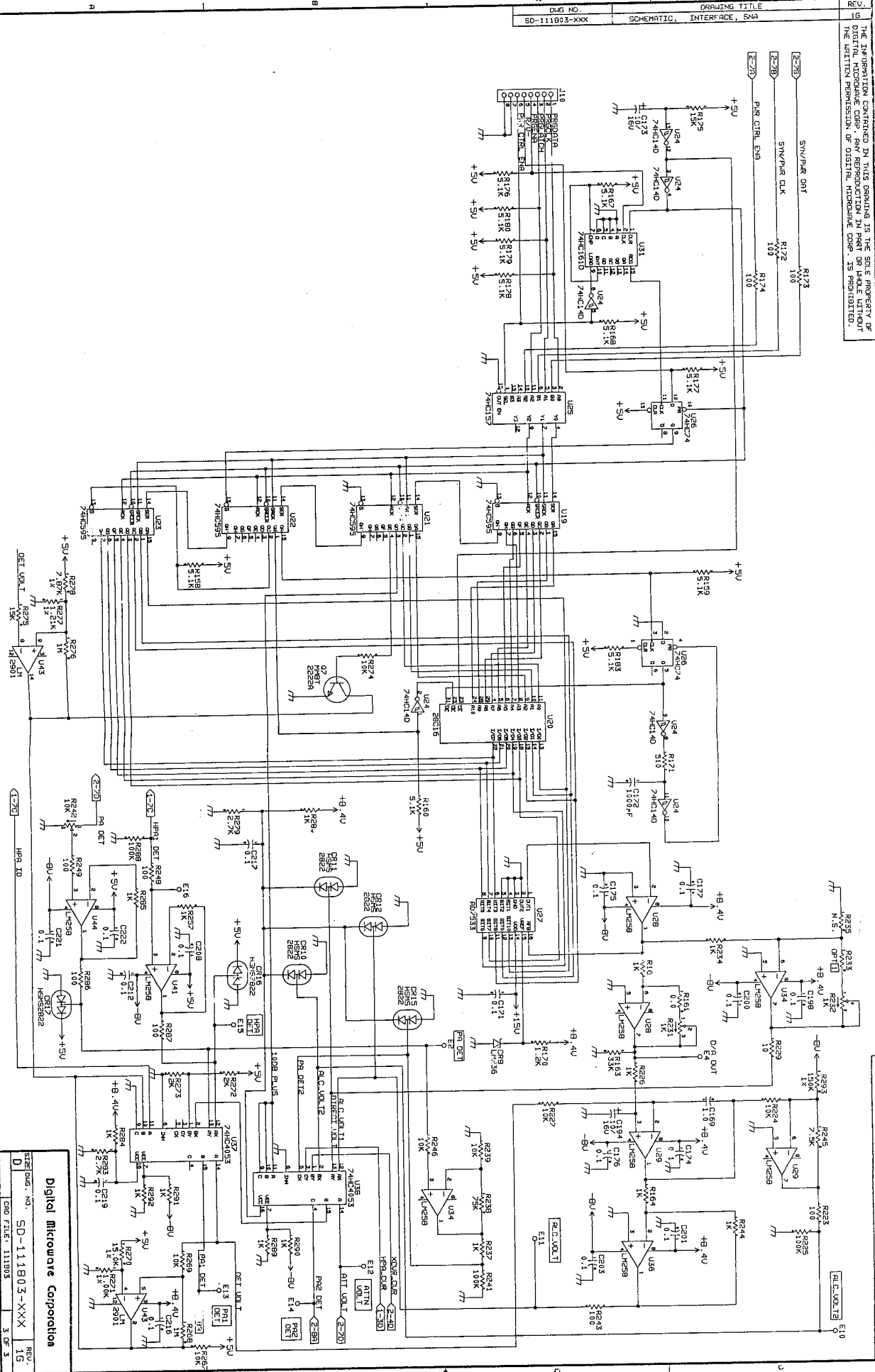


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REV. 1G
SD-111803-XXX
100 FILE: 111803 3 OF 3

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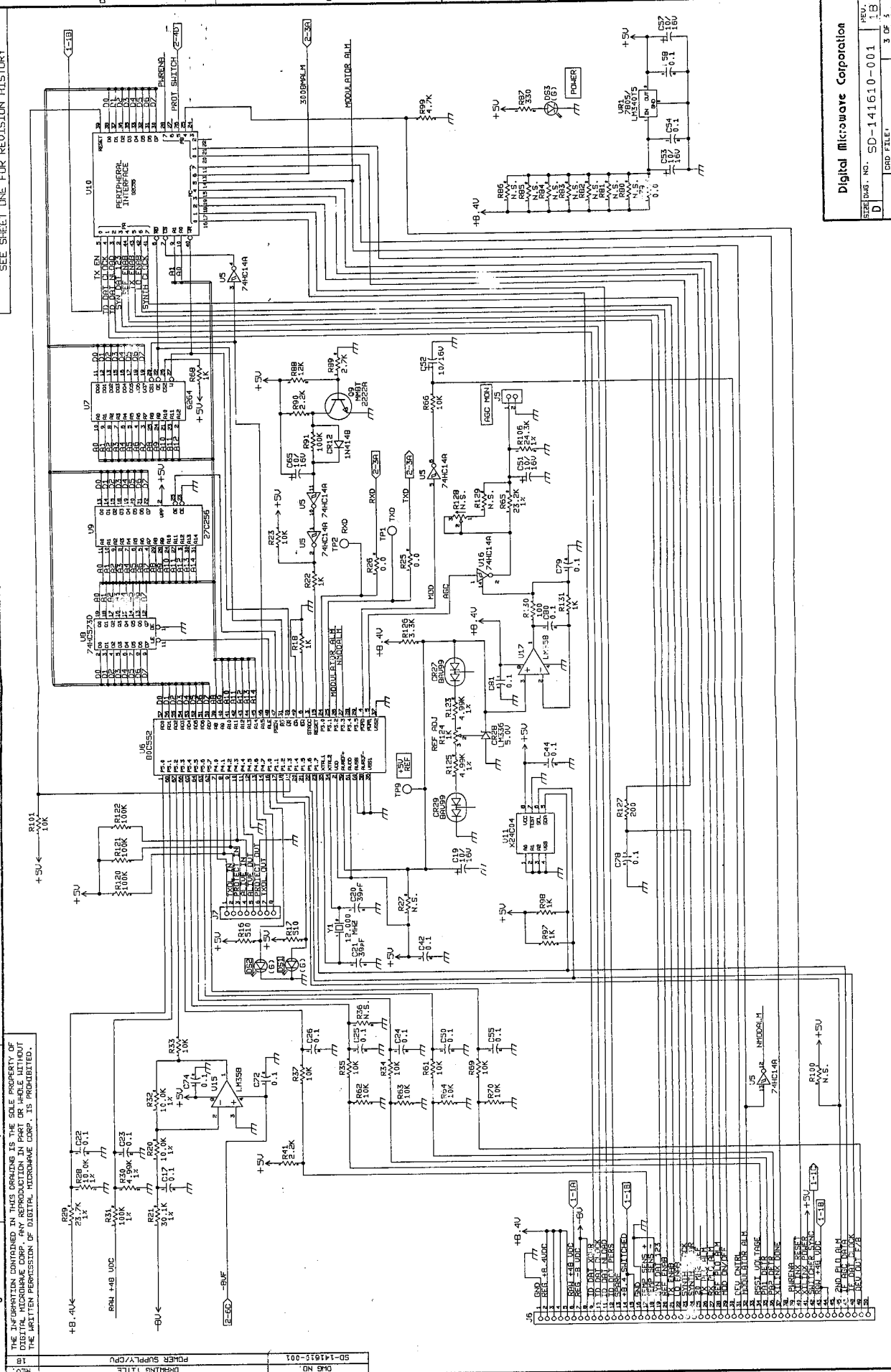
DWG NO. 50-141610-001

POWER SUPPLY/CPU

DRAWING TITLE

SEE SHEET ONE FOR REVISION HISTORY

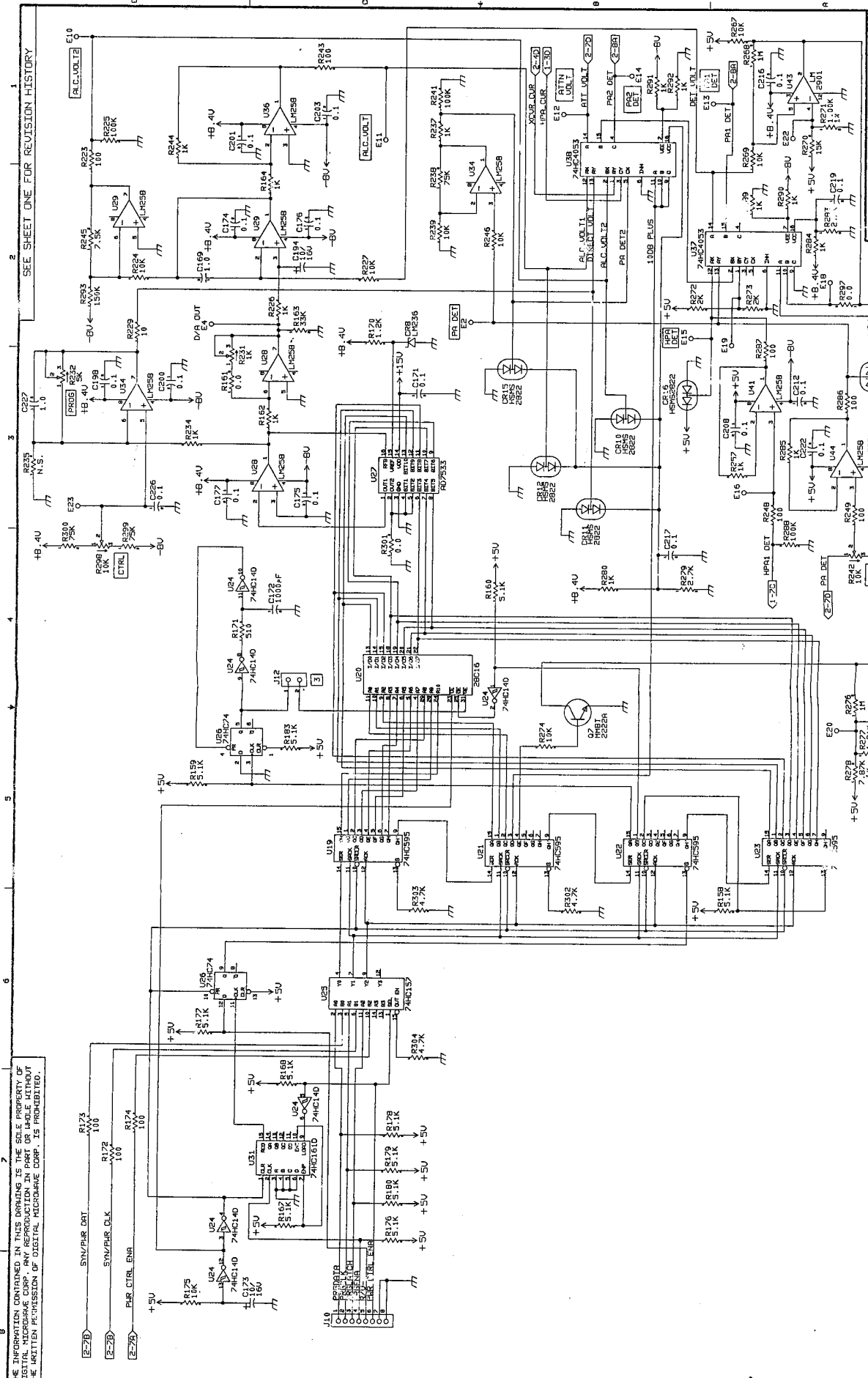
1 2 3 4 5 6 7 8



Digital Micrograph Corporation
REV. 046, NO. 50-141610-001 18
D 3 OF 3

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SD-111B74-XXX
 DRAWING TITLE: SCHEMATIC, INTERFACE, SMD
 Dwg No. 10

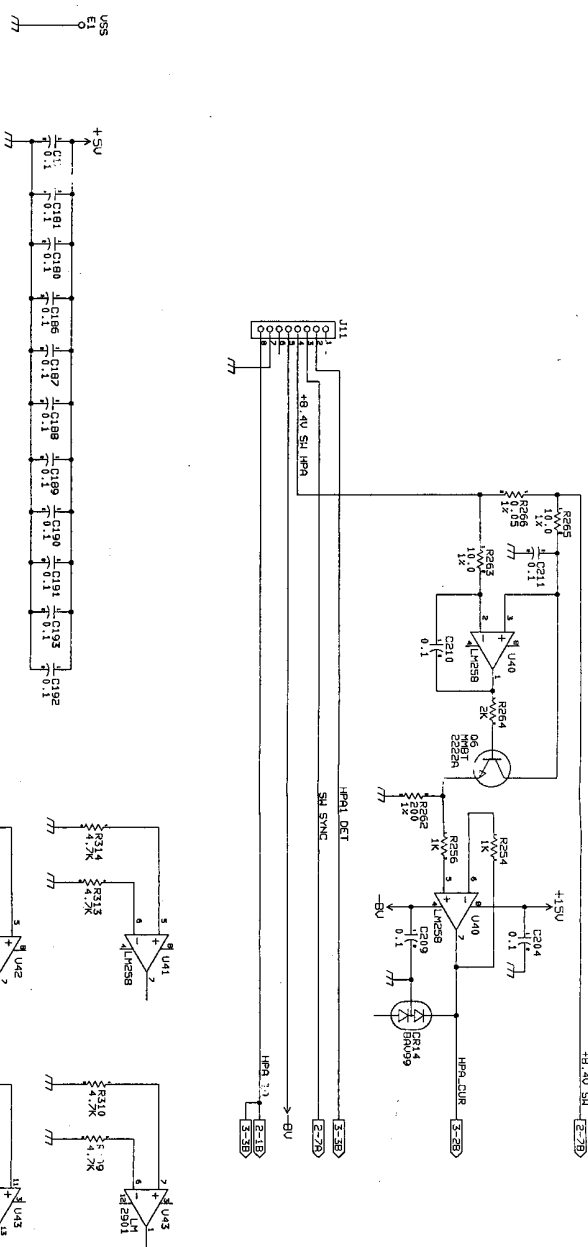


Digital Microwave Corporation
 SIZE: 111B74-XXX
 REV. 10
 D
 3 OF 3

SEE SHEET ONE FOR REVISION HISTORY

REV.	DESCRIPTION	DATE	APPROVED
10	SCHEMATIC, INTERFACE, SNA	06-11-92	
9	147637	06-11-92	
1A	147216	06-11-92	
1B	147668	05-11-98	B.O.
1C	147592	01-15-99	
1D	148002	02-12-99	

DWG NO.	DRAWING TITLE
SD-111874-XXX	SCHEMATIC, INTERFACE, SNA



JUMPER OPTION TABLE

OPTION	J12	J13	J14	J15	J16	J17	J18	J19	J20	J21	J22
-00	DN	DN	DN	DN	DN	DN	DN	DN	DN	DN	DN
-01	150K	3	DN	DN	DN	DN	DN	DN	DN	DN	0
-02	150K	3	DN	DN	DN	DN	DN	DN	DN	DN	0
-03	150K	3	DN	DN	DN	DN	DN	DN	DN	DN	0
-04	250K	3	DN	DN	DN	DN	DN	DN	DN	DN	0
-05	250K	3	DN	DN	DN	DN	DN	DN	DN	DN	0
-06	350K	3	DN	DN	DN	DN	DN	DN	DN	DN	0
-07	750K	3	DN	DN	DN	DN	DN	DN	DN	DN	0
-08	750K	3	DN	DN	DN	DN	DN	DN	DN	DN	0
-09	250K	3	DN	DN	DN	DN	DN	DN	DN	DN	0
-10	250K	3	DN	DN	DN	DN	DN	DN	DN	DN	0
-11	310K	3	DN	DN	DN	DN	DN	DN	DN	DN	1

- NOTES: (UNLESS OTHERWISE SPECIFIED)
1. RESISTOR VALUES ARE IN OHMS, 1/8W, 5%.
 2. RESISTOR VALUES ARE IN MICROHMS.
 3. INDUCTOR VALUES ARE IN MICROHMS.
 4. REMOVE R107 FOR OPTION -109 AND -111.
 5. INSTALL JUMPER (DN) DURING PROGRAMMING PROCEDURE.
 6. REMOVE JUMPER (OFF) DURING NORMAL OPERATION.
 7. SEE OPTION TABLE FOR VALUES.

111-11874-XXX	SP1	111-11874-XXX	SP1	111-11874-XXX	SP1
02-11874-001	USED ON	02-11874-001	USED ON	02-11874-001	USED ON
APPLICATION	DO NOT SCALE DRAWING	APPLICATION	DO NOT SCALE DRAWING	APPLICATION	DO NOT SCALE DRAWING

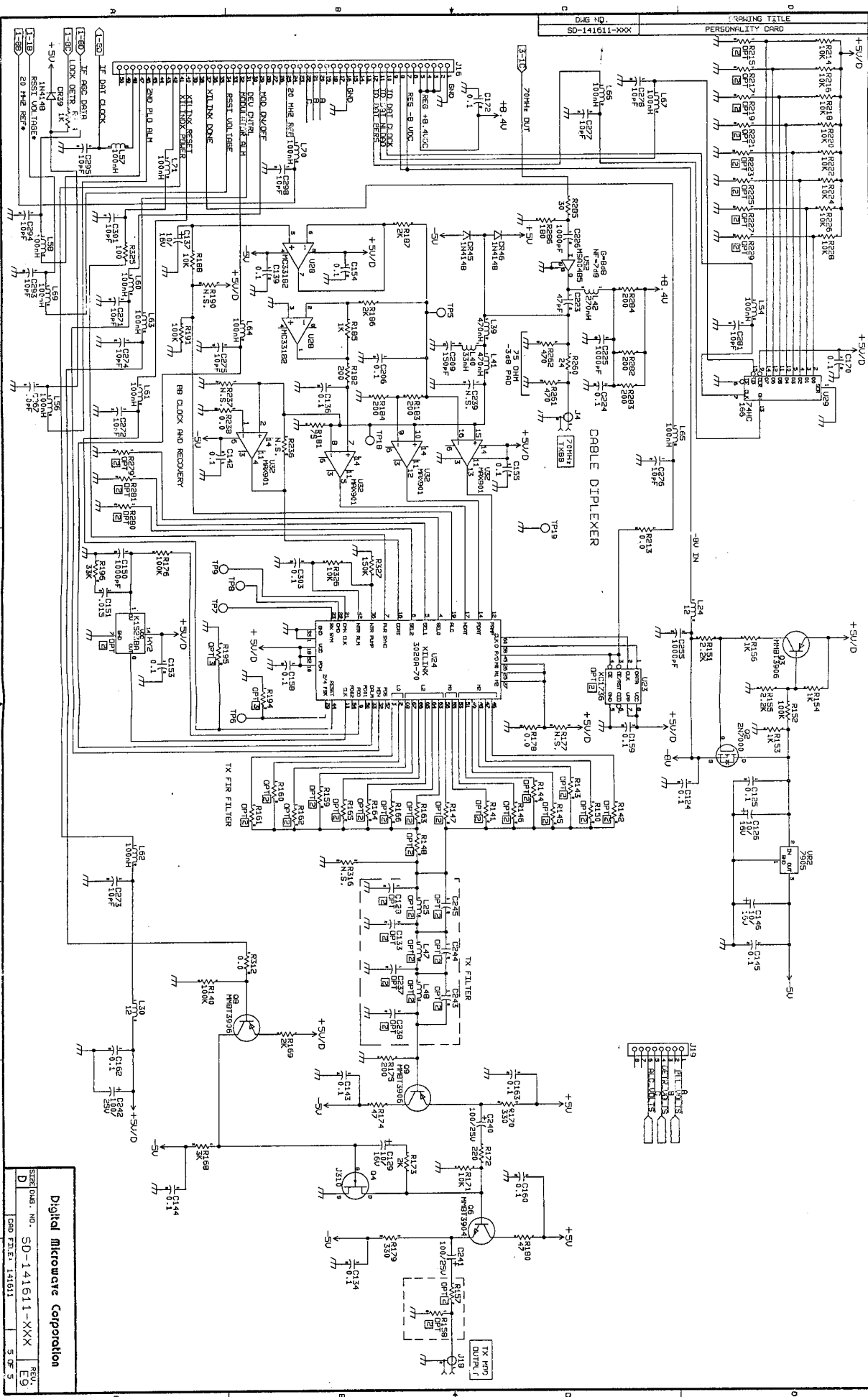
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DO NOT SCALE DRAWING	DO NOT SCALE DRAWING	DO NOT SCALE DRAWING	DO NOT SCALE DRAWING	DO NOT SCALE DRAWING	DO NOT SCALE DRAWING
DO NOT SCALE DRAWING	DO NOT SCALE DRAWING	DO NOT SCALE DRAWING	DO NOT SCALE DRAWING	DO NOT SCALE DRAWING	DO NOT SCALE DRAWING

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111-11874-XXX	SP1	111-11874-XXX	SP1	111-11874-XXX	SP1
02-11874-001	USED ON	02-11874-001	USED ON	02-11874-001	USED ON
APPLICATION	DO NOT SCALE DRAWING	APPLICATION	DO NOT SCALE DRAWING	APPLICATION	DO NOT SCALE DRAWING

DO NOT SCALE DRAWING	DO NOT SCALE DRAWING	DO NOT SCALE DRAWING	DO NOT SCALE DRAWING	DO NOT SCALE DRAWING	DO NOT SCALE DRAWING
DO NOT SCALE DRAWING	DO NOT SCALE DRAWING	DO NOT SCALE DRAWING	DO NOT SCALE DRAWING	DO NOT SCALE DRAWING	DO NOT SCALE DRAWING
DO NOT SCALE DRAWING	DO NOT SCALE DRAWING	DO NOT SCALE DRAWING	DO NOT SCALE DRAWING	DO NOT SCALE DRAWING	DO NOT SCALE DRAWING

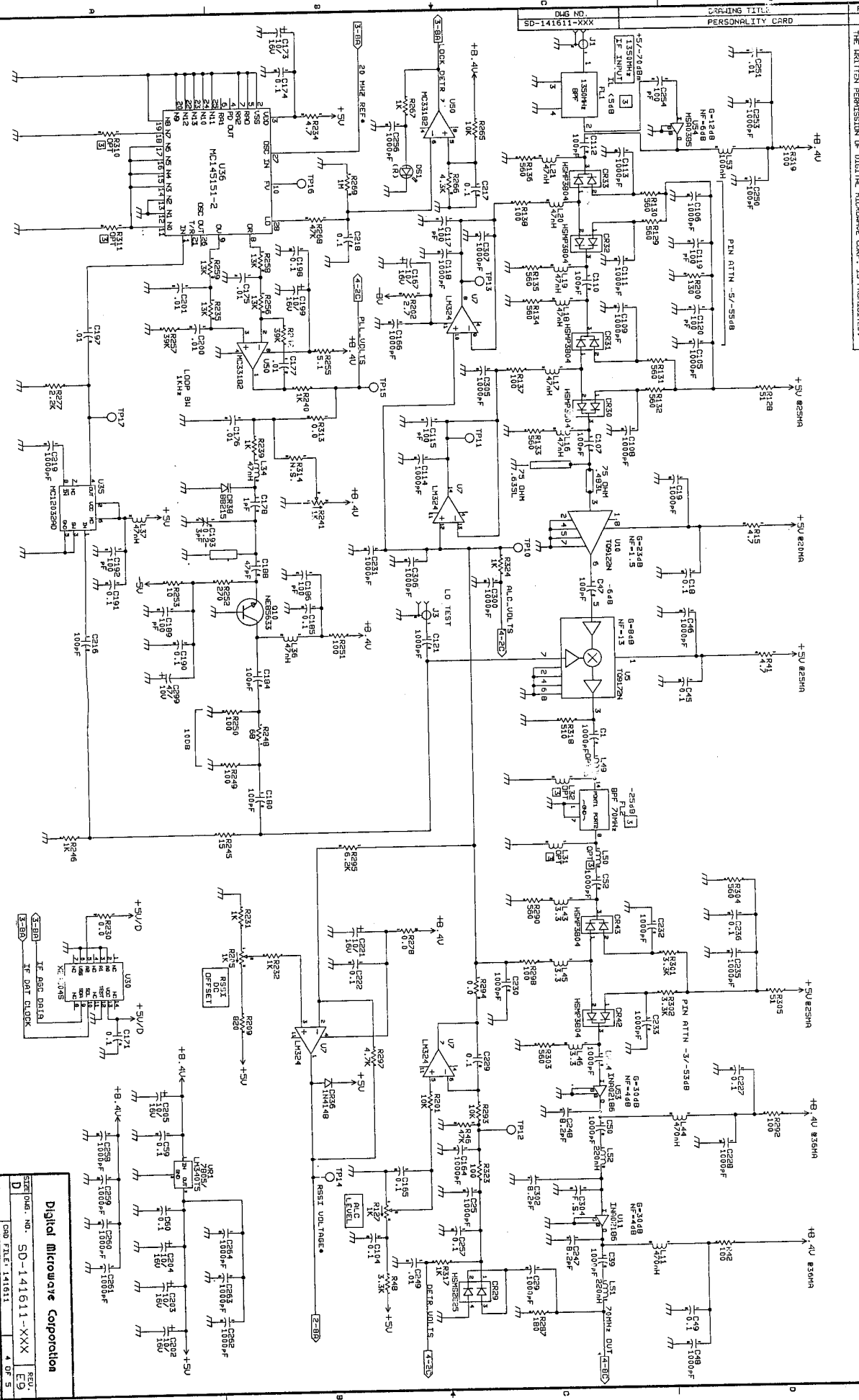
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REV.	DESCRIPTION
E9	PERSONALITY CARD
D	SD-141611-XXX
E9	4 OF 5



Digital Microwave Corporation

REV.	DESCRIPTION
E9	SD-141611-XXX
D	4 OF 5

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OPTION TABLE 3

X=0 OHM RESISTOR INSTALLED

		IF FILTER		MOD. TYPE		U. RES.	
RE- LEASED	OPTION BIT RATE	F1 1350 FILTER	F2 7.14 FILTER	9 5	13 7	R194 1210 1250 1280 1300 1350 1400 1450 1500 1550 1600 1650 1700 1750 1800 1850 1900 1950 2000 2050 2100 2150 2200 2250 2300 2350 2400 2450 2500 2550 2600 2650 2700 2750 2800 2850 2900 2950 3000 3050 3100 3150 3200 3250 3300 3350 3400 3450 3500 3550 3600 3650 3700 3750 3800 3850 3900 3950 4000 4050 4100 4150 4200 4250 4300 4350 4400 4450 4500 4550 4600 4650 4700 4750 4800 4850 4900 4950 5000 5050 5100 5150 5200 5250 5300 5350 5400 5450 5500 5550 5600 5650 5700 5750 5800 5850 5900 5950 6000 6050 6100 6150 6200 6250 6300 6350 6400 6450 6500 6550 6600 6650 6700 6750 6800 6850 6900 6950 7000 7050 7100 7150 7200 7250 7300 7350 7400 7450 7500 7550 7600 7650 7700 7750 7800 7850 7900 7950 8000 8050 8100 8150 8200 8250 8300 8350 8400 8450 8500 8550 8600 8650 8700 8750 8800 8850 8900 8950 9000 9050 9100 9150 9200 9250 9300 9350 9400 9450 9500 9550 9600 9650 9700 9750 9800 9850 9900 9950 10000	U. RES.
-001	RE1 4FSK						
-002							
-003							
-004	RE1 4FSK	BU-15MHZ 075-315592-004	BU-15MHZ 075-415422-003	560MH	470MH	NS	10K
-005	4051 4FSK	075-315592-004	075-415422-003	280MH	100MH	3.3UH	3.3UH
-006	4051 4FSK	075-315592-004	075-415422-003	280MH	100MH	3.3UH	3.3UH
-007							
-008	RE1 4FSK	BU-15MHZ 075-315592-006	BU-15MHZ 075-415422-006	560MH	470MH	NS	10K
-009							
-010							
-011							
-012							
-013							
-014							
-015							
-016							
-017							
-018							
-019							
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-027							
-028							
-029							
-030							

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DWG NO. SD-141611-XXX
DRAWING TITLE PERSONALITY CARD

OPTION TABLE 3

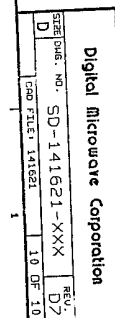
X=0 OHM RESISTOR INSTALLED

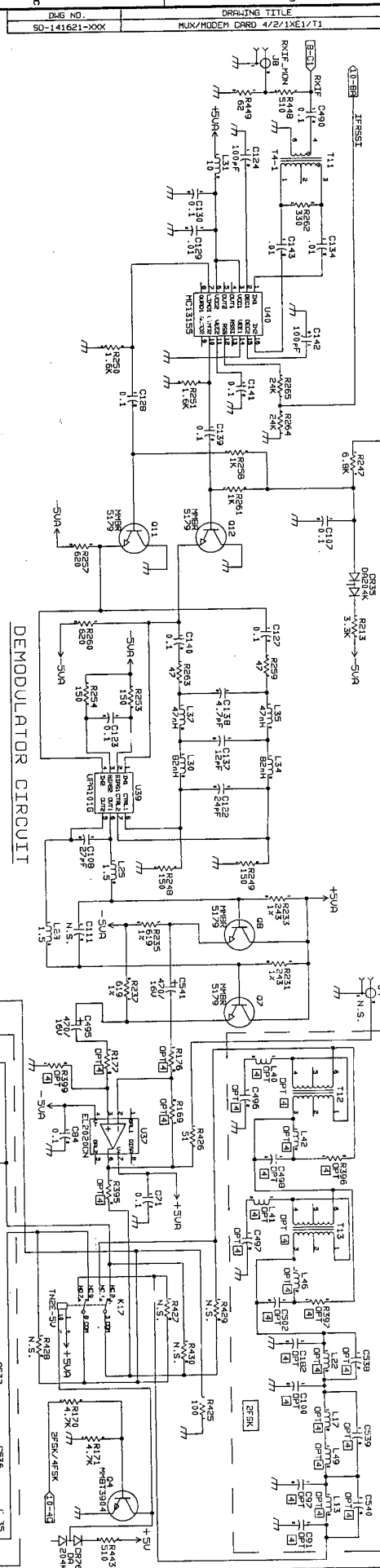
RE- LENSSED	OPTION BIT RATE	IF FILTER										MOD. TYPE					U. RES.				
		F1 1350 FILTER	F2 F14 FILTER	7	50	13	28	7	R134	R310 1410 MHz LD/Hz LD	R311 1400 MHz LD	R105									
-001																					
-002																					
-003																					
X -004	2E1 4FSK	BU-15MHz 075-313592-004	BU-15MHz 075-313592-003	560MHz	470MHz	NS	NS		X	NS	X	10K									
X -005	4051 4FSK	BU-15MHz 075-313592-004	BU-15MHz 075-313592-003	280MHz	180MHz	3.30Hz	3.30Hz		X	NS	X	10K									
X -006	4E1 4FSK	BU-15MHz 075-313592-004	BU-15MHz 075-313592-012	X	X	3.30Hz	3.30Hz		X	NS	X	10K									
-007																					
X -008	BE1 4FSK	BU-15MHz 075-313592-006	5MHz-70/14 075-413547-099	X	X	NS	NS		X	NS	X	10K									
-009																					
-010																					
-011																					
-012																					
-013																					
-014																					
-015																					
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-030																					

DIG. NO.		REV.
SD-141611-XXX		E9
D	CAD FILE: 141611	2 OF 5

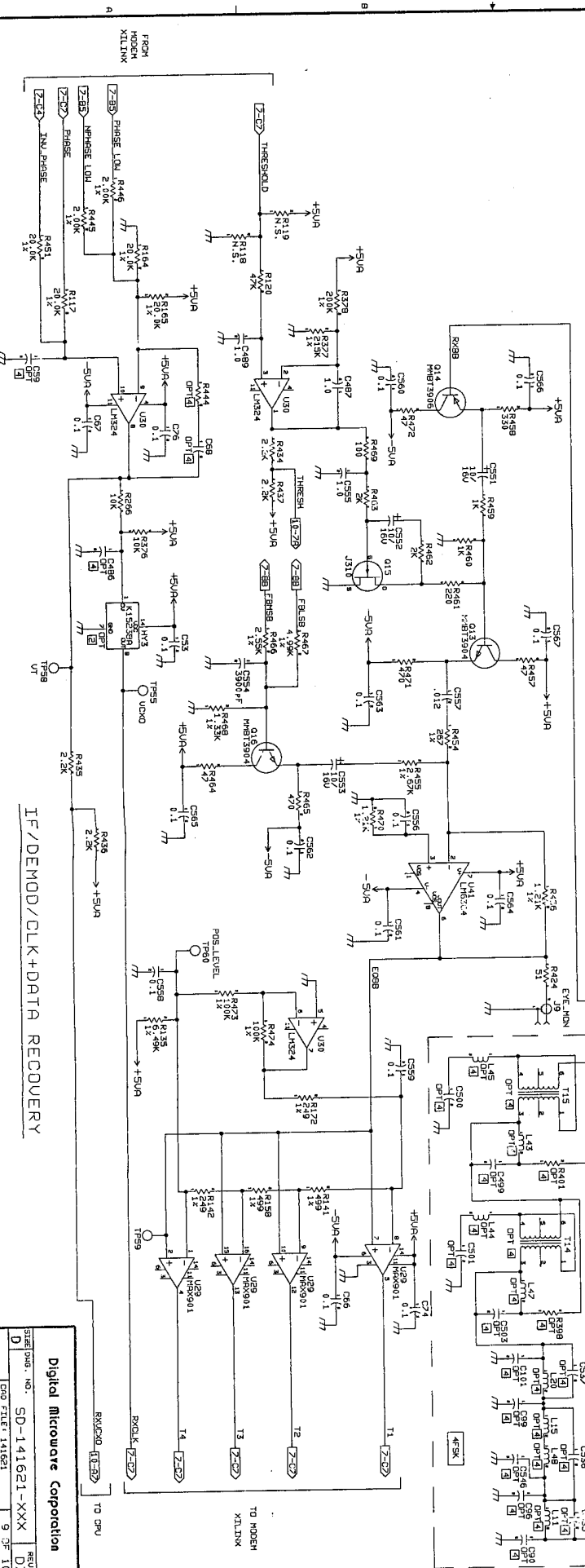
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50-141621-XX





DEMOMULATOR CIRCUIT

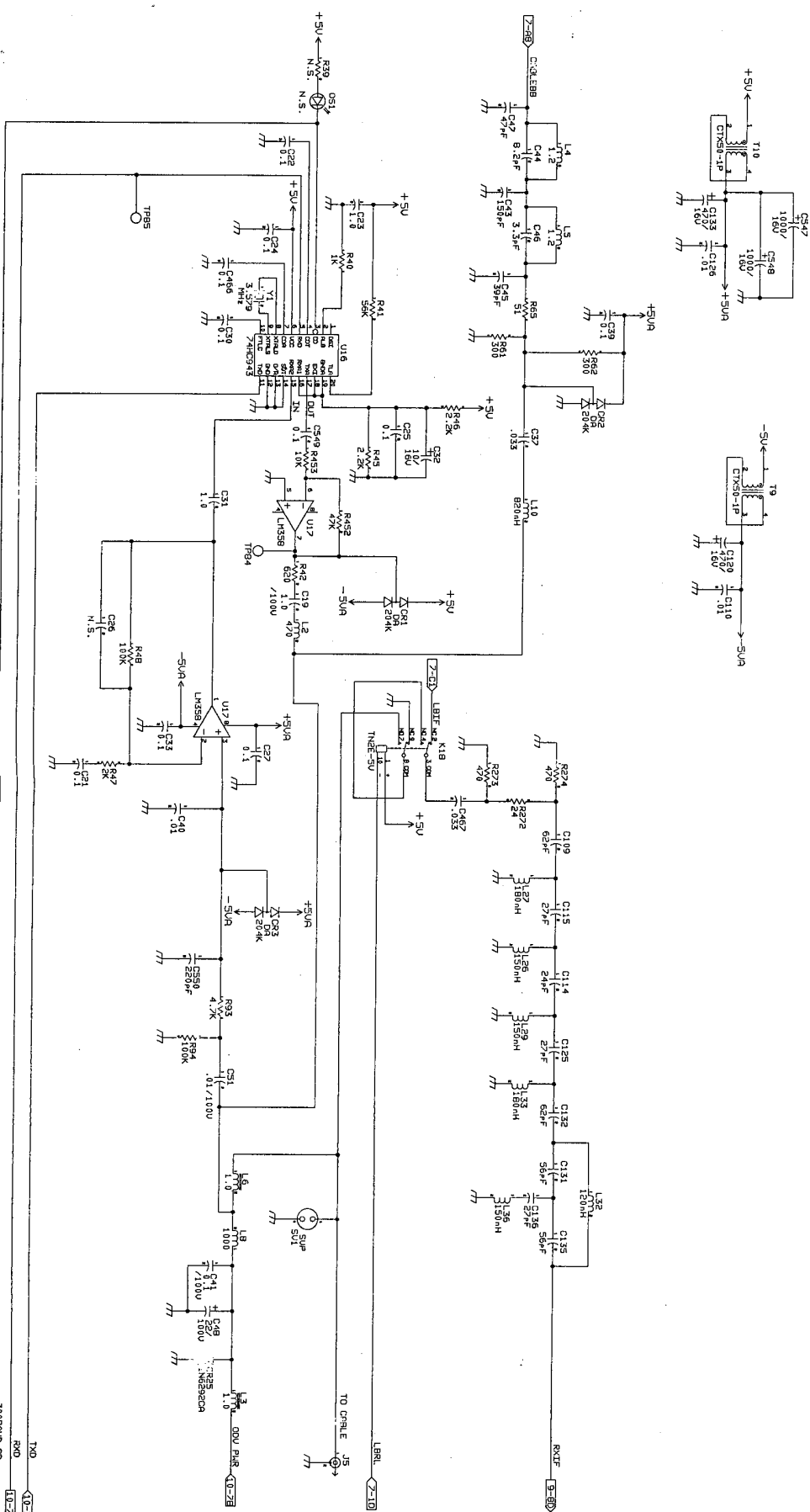


IF/DEMOM/CLK+DATA RECOVERY

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DWG NO. SD-141621-XXX
 DRAWING TITLE MUX/HODEM CARD 4/2/1XE1/T1



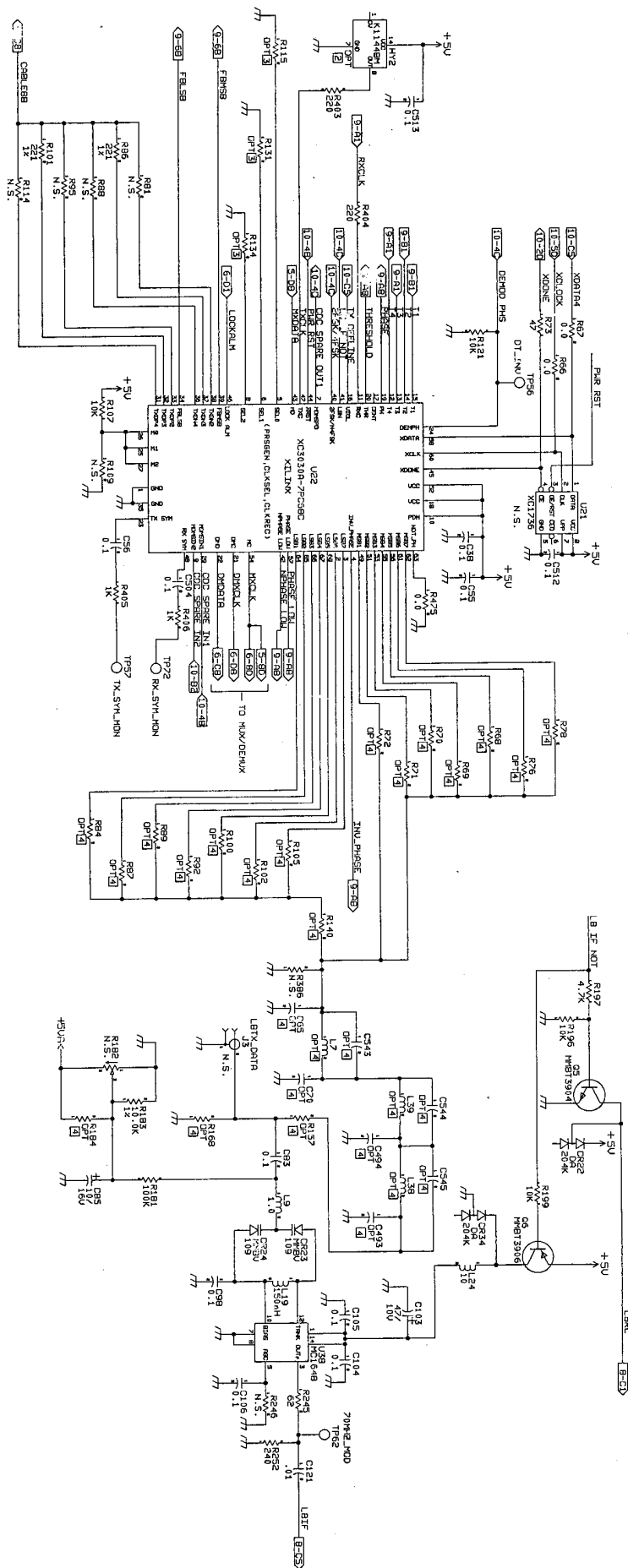
INDOOR CABLE INTERFACE

Digital Microwave Corporation
 SD-141621-XXX
 8 OF 10

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REV.	DWG. NO.	DRAWING TITLE
D7	SD-141621-XXX	HUX/MODEM CARD 4/2/1XE1/T1

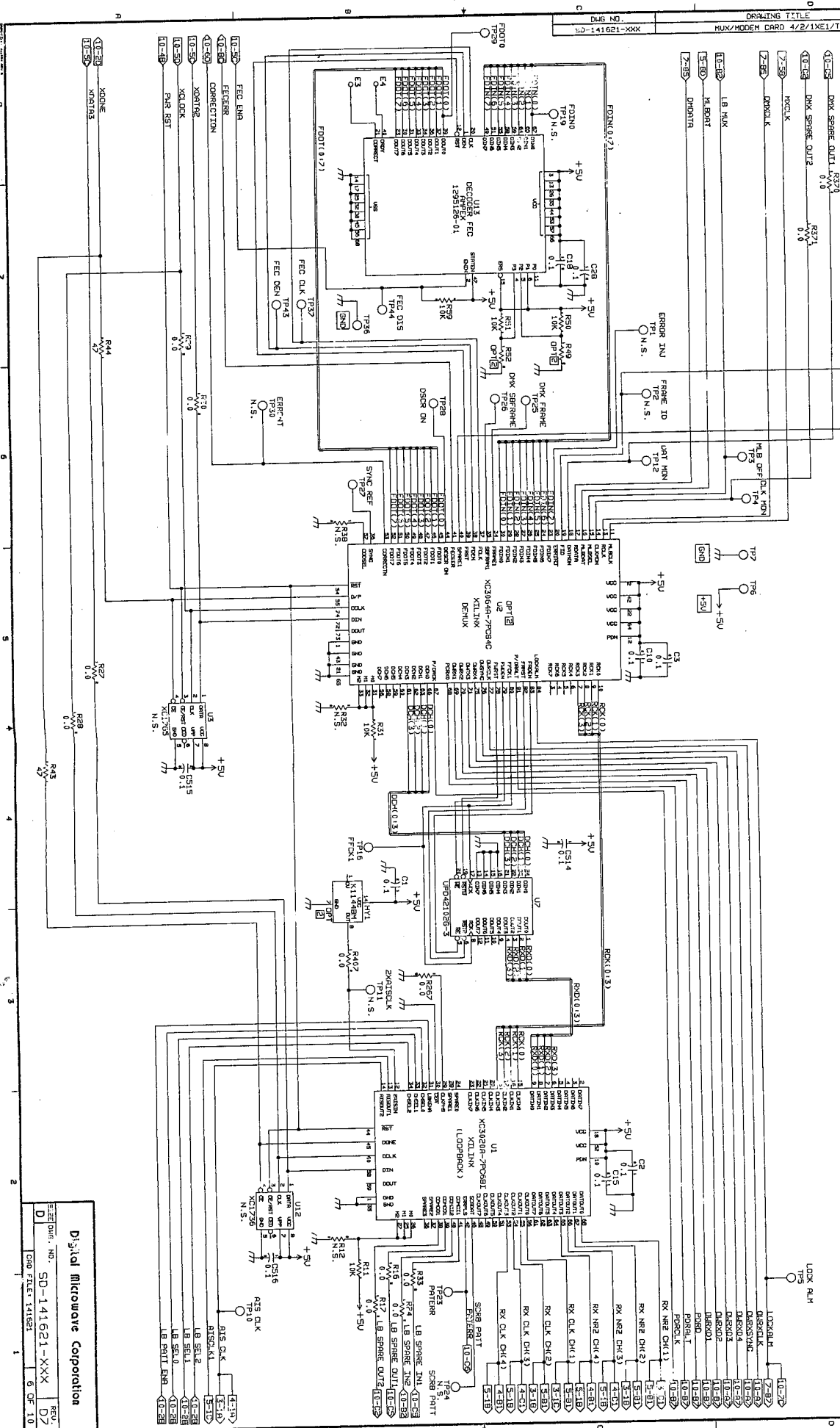


Digital Microwave Corporation	
SD-141621-XXX	REV. D7
7 OF 10	

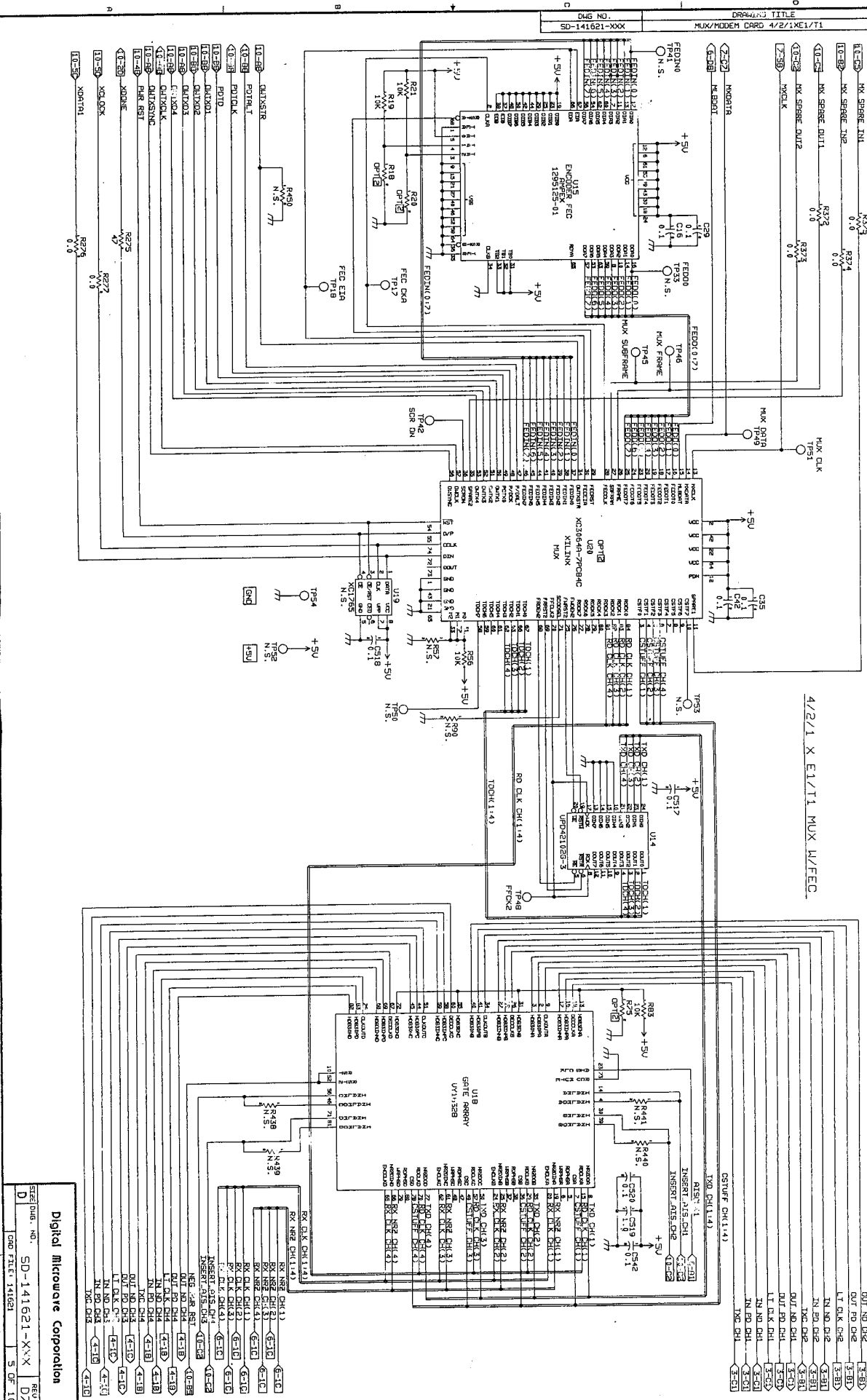
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4/2/1 X E1/11 DEMUX W/FEC



Digital Microwave Corporation			
REVISION NO.	SD-141621-XXX	REV.	D7
DOC FILE#	141621	6 OF 10	



OPTION TABLE 4 (INVOUST FILTER)

REV.	Dwg. No.	Drawing Title	OPTION TABLE 4 (INVOUST FILTER)									
			DESCRIPTION	MOD. TYPE	MAX. DESCRIPTION	BORED ID CODE	4X1	4X1	2X1	2X1	1X1	1X1
9	SHEET 9	INVOUST FILTER	DESCRIPTION	MOD. TYPE	MAX. DESCRIPTION	BORED ID CODE	4X1	4X1	2X1	2X1	1X1	1X1
			R176	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K
			R177	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K
			R178	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K
			R179	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K
			R180	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K
			R181	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K
			R182	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K
			R183	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K
			R184	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K
10	SHEET 10	INVOUST FILTER	DESCRIPTION	MOD. TYPE	MAX. DESCRIPTION	BORED ID CODE	4X1	4X1	2X1	2X1	1X1	1X1
			R185	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K
			R186	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K
			R187	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K
			R188	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K
			R189	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K
			R190	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K
			R191	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K
			R192	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K
			R193	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K	100.1K

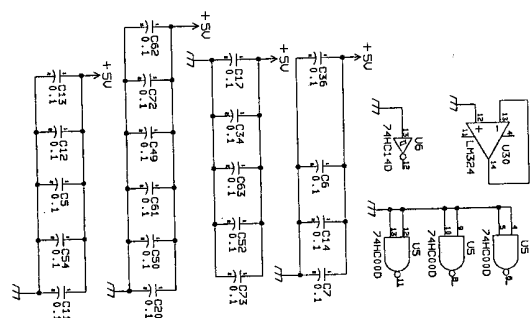
1

[illegible]

2 4 SEE OPTION TABLES.
1. RESISTOR VALUES ARE IN OHMS, 1/8W, 5%
CAPACITOR VALUES ARE IN MICROFARADS
INDUCTOR VALUES ARE IN MICROHAMPES.
NOTES: (UNLESS OTHERWISE SPECIFIED)

REG.	DESCRIPTION	DATE	REPROD
C1	J46/21	BRD/C	08/19/94
C1	J46/21	BRD/C	09/19/94
D1	J46/78	RR#013	10/26/94
D2	J46/57	ED07/536	BRD
D2	J47/103	ED07/517	BRD
D3	J47/103	ED07/539	BRD
D4	J47/103	ED07/520	BRD
D5	J47/103	ED07/521	BRD
D6	J47/103	ED07/522	BRD
D7	J47/103	ED07/523	BRD
D8	J47/103	ED07/524	BRD
D9	J47/103	ED07/525	BRD
D10	J47/103	ED07/526	BRD
D11	J47/103	ED07/527	BRD
D12	J47/103	ED07/528	BRD
D13	J47/103	ED07/529	BRD
D14	J47/103	ED07/530	BRD
D15	J47/103	ED07/531	BRD
D16	J47/103	ED07/532	BRD
D17	J47/103	ED07/533	BRD
D18	J47/103	ED07/534	BRD
D19	J47/103	ED07/535	BRD
D20	J47/103	ED07/536	BRD
D21	J47/103	ED07/537	BRD
D22	J47/103	ED07/538	BRD
D23	J47/103	ED07/539	BRD
D24	J47/103	ED07/540	BRD
D25	J47/103	ED07/541	BRD
D26	J47/103	ED07/542	BRD
D27	J47/103	ED07/543	BRD
D28	J47/103	ED07/544	BRD
D29	J47/103	ED07/545	BRD
D30	J47/103	ED07/546	BRD
D31	J47/103	ED07/547	BRD
D32	J47/103	ED07/548	BRD
D33	J47/103	ED07/549	BRD
D34	J47/103	ED07/550	BRD
D35	J47/103	ED07/551	BRD
D36	J47/103	ED07/552	BRD
D37	J47/103	ED07/553	BRD
D38	J47/103	ED07/554	BRD
D39	J47/103	ED07/555	BRD
D40	J47/103	ED07/556	BRD
D41	J47/103	ED07/557	BRD
D42	J47/103	ED07/558	BRD
D43	J47/103	ED07/559	BRD
D44	J47/103	ED07/560	BRD
D45	J47/103	ED07/561	BRD
D46	J47/103	ED07/562	BRD
D47	J47/103	ED07/563	BRD
D48	J47/103	ED07/564	BRD
D49	J47/103	ED07/565	BRD
D50	J47/103	ED07/566	BRD
D51	J47/103	ED07/567	BRD
D52	J47/103	ED07/568	BRD
D53	J47/103	ED07/569	BRD
D54	J47/103	ED07/570	BRD
D55	J47/103	ED07/571	BRD
D56	J47/103	ED07/572	BRD
D57	J47/103	ED07/573	BRD
D58	J47/103	ED07/574	BRD
D59	J47/103	ED07/575	BRD
D60	J47/103	ED07/576	BRD
D61	J47/103	ED07/577	BRD
D62	J47/103	ED07/578	BRD
D63	J47/103	ED07/579	BRD
D64	J47/103	ED07/580	BRD
D65	J47/103	ED07/581	BRD
D66	J47/103	ED07/582	BRD
D67	J47/103	ED07/583	BRD
D68	J47/103	ED07/584	BRD
D69	J47/103	ED07/585	BRD
D70	J47/103	ED07/586	BRD
D71	J47/103	ED07/587	BRD
D72	J47/103	ED07/588	BRD
D73	J47/103	ED07/589	BRD
D74	J47/103	ED07/590	BRD
D75	J47/103	ED07/591	BRD
D76	J47/103	ED07/592	BRD
D77	J47/103	ED07/593	BRD
D78	J47/103	ED07/594	BRD
D79	J47/103	ED07/595	BRD
D80	J47/103	ED07/596	BRD
D81	J47/103	ED07/597	BRD
D82	J47/103		

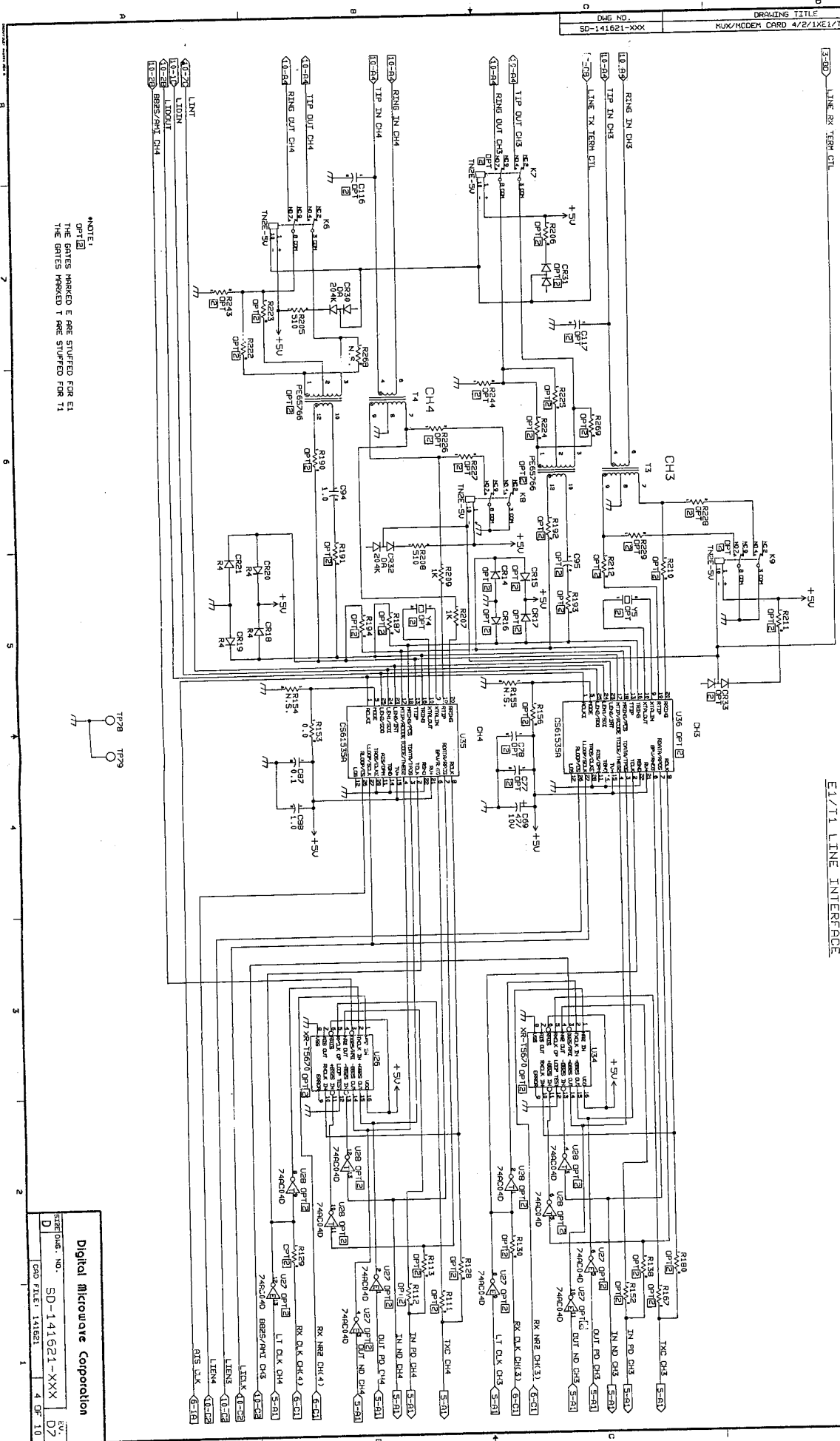
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E1/T1 LINE INTERFACE



Digital Microwave Corporation			
DWG. NO.	SD-141621-XXX	REV.	D7
CAD FILE:	141621		

