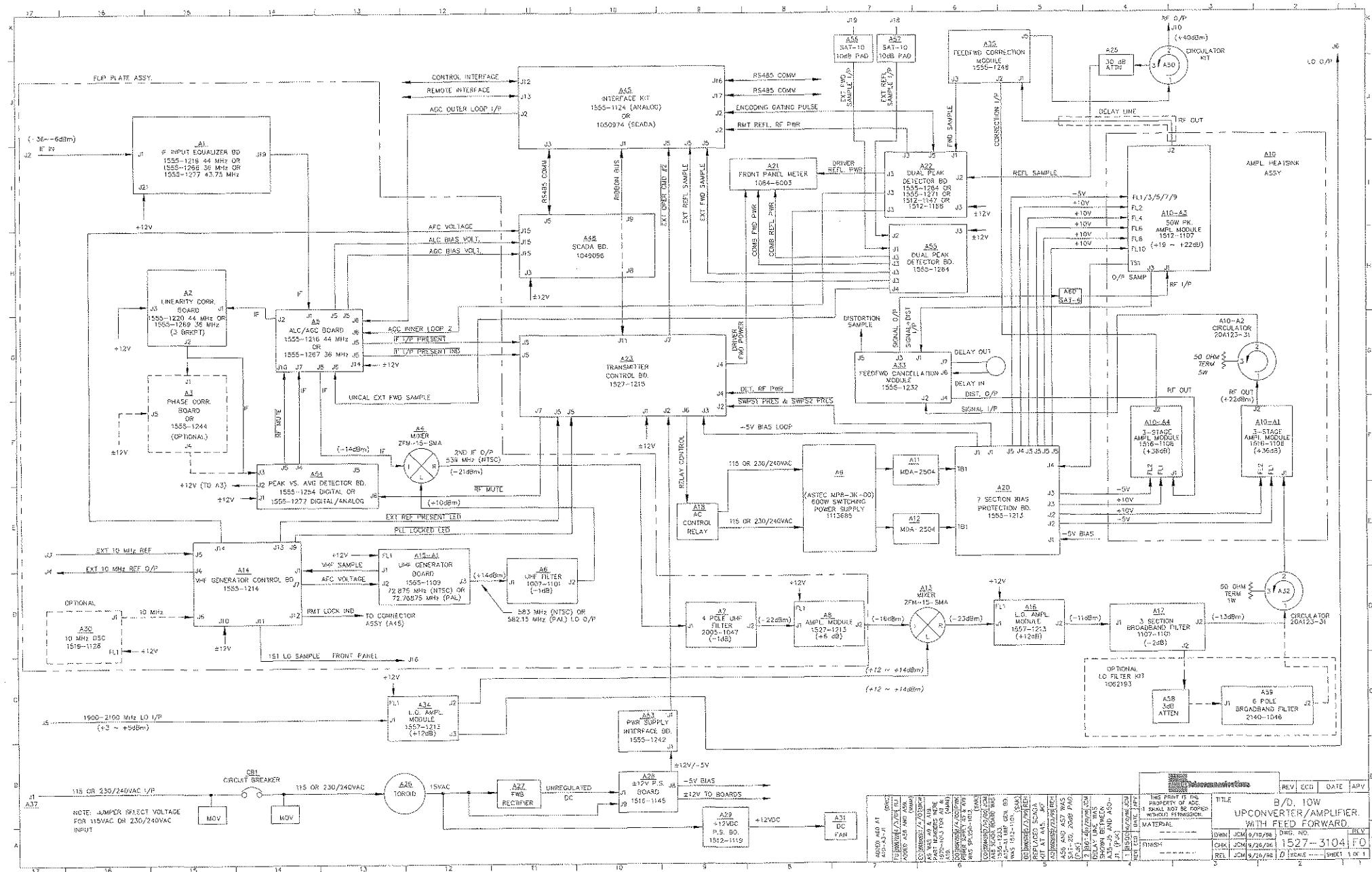
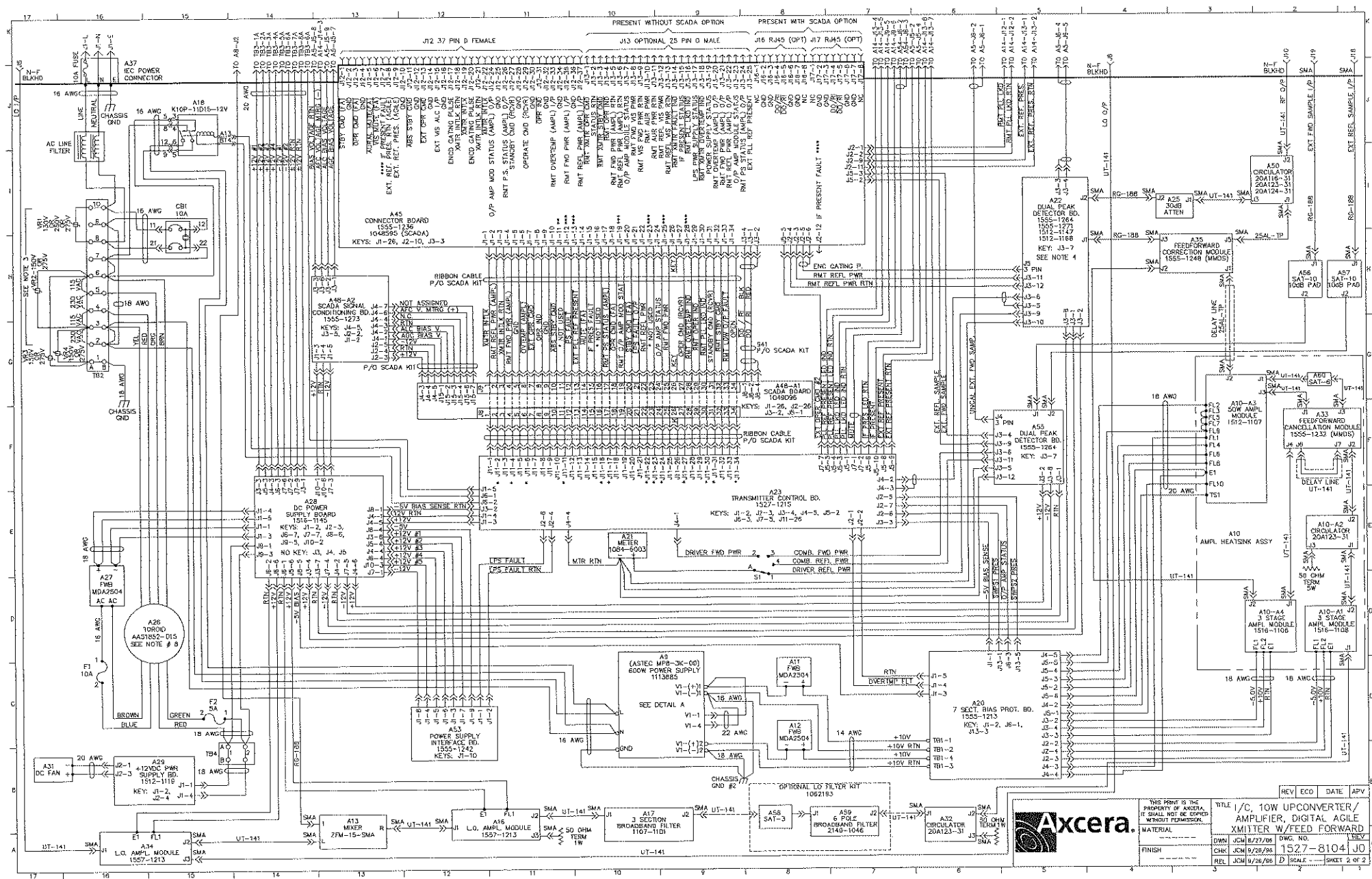
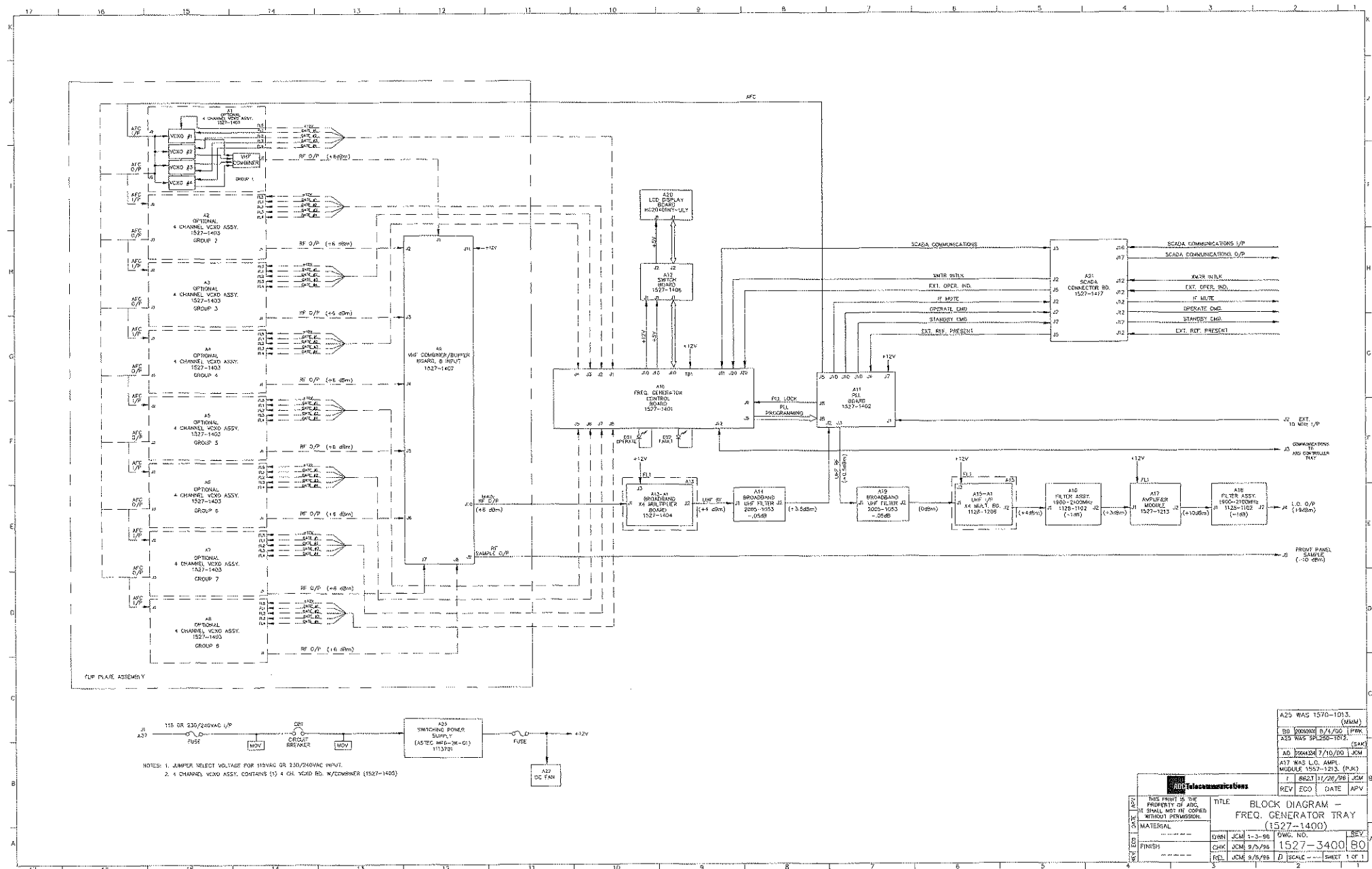
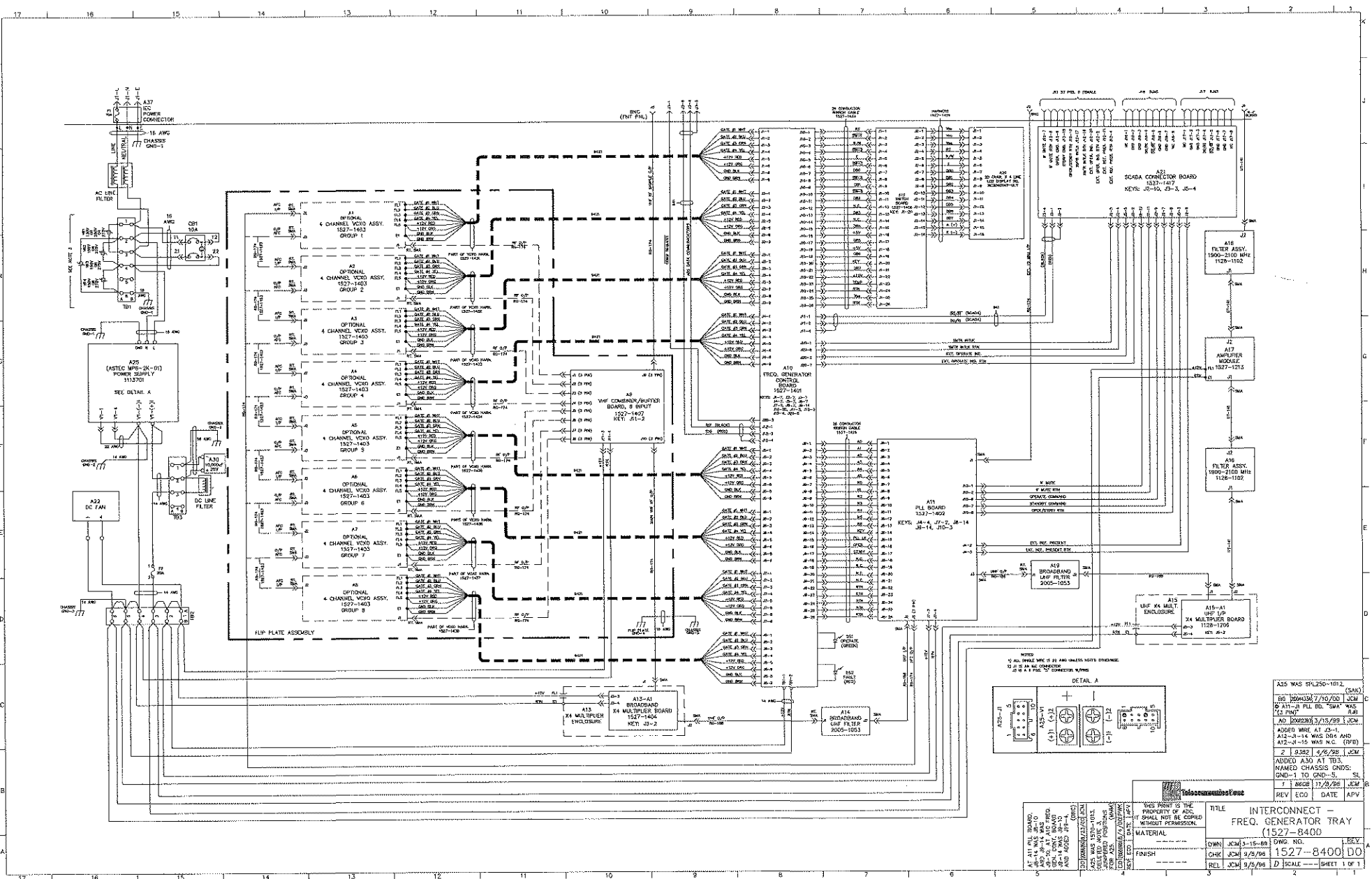






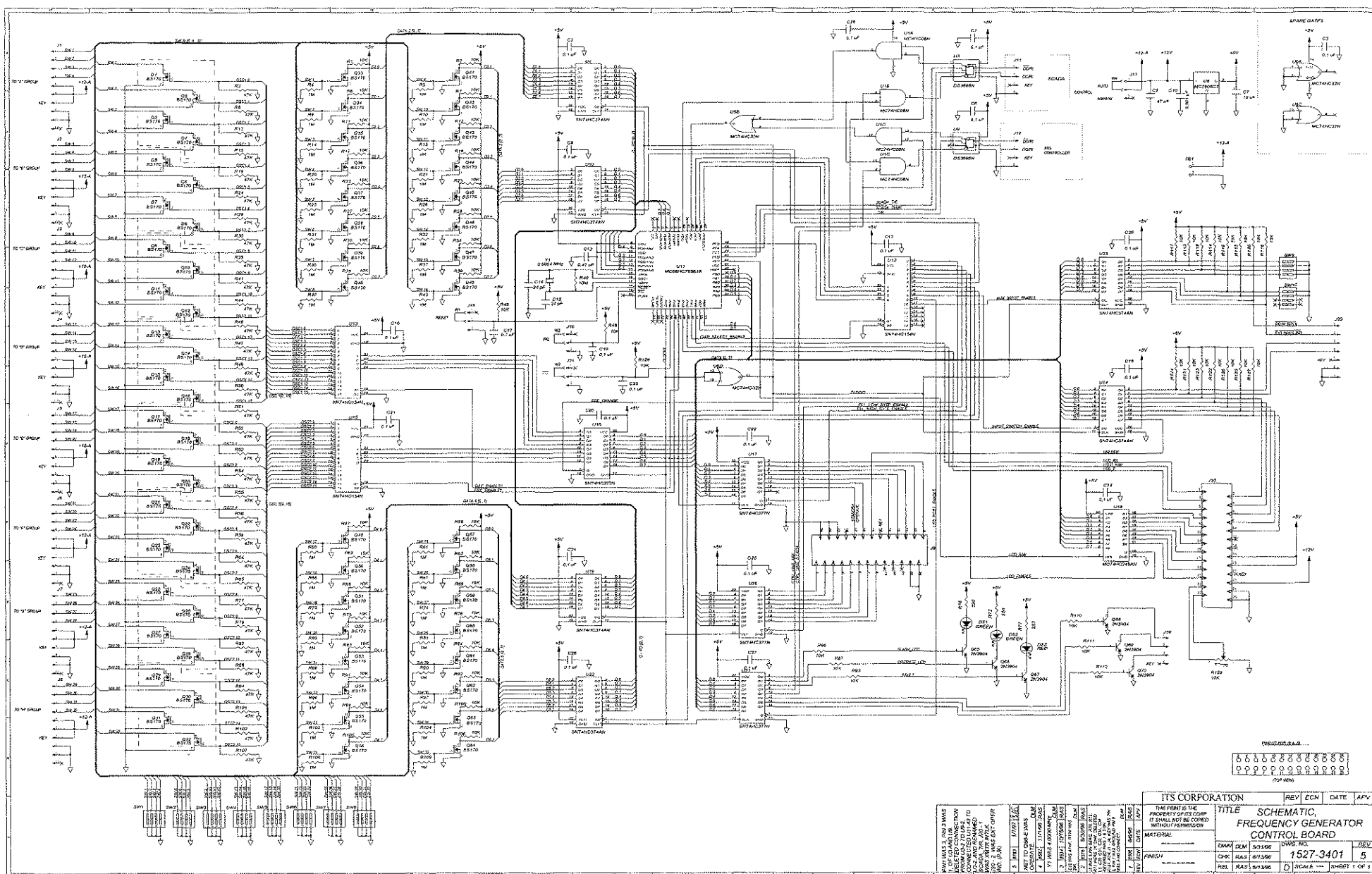




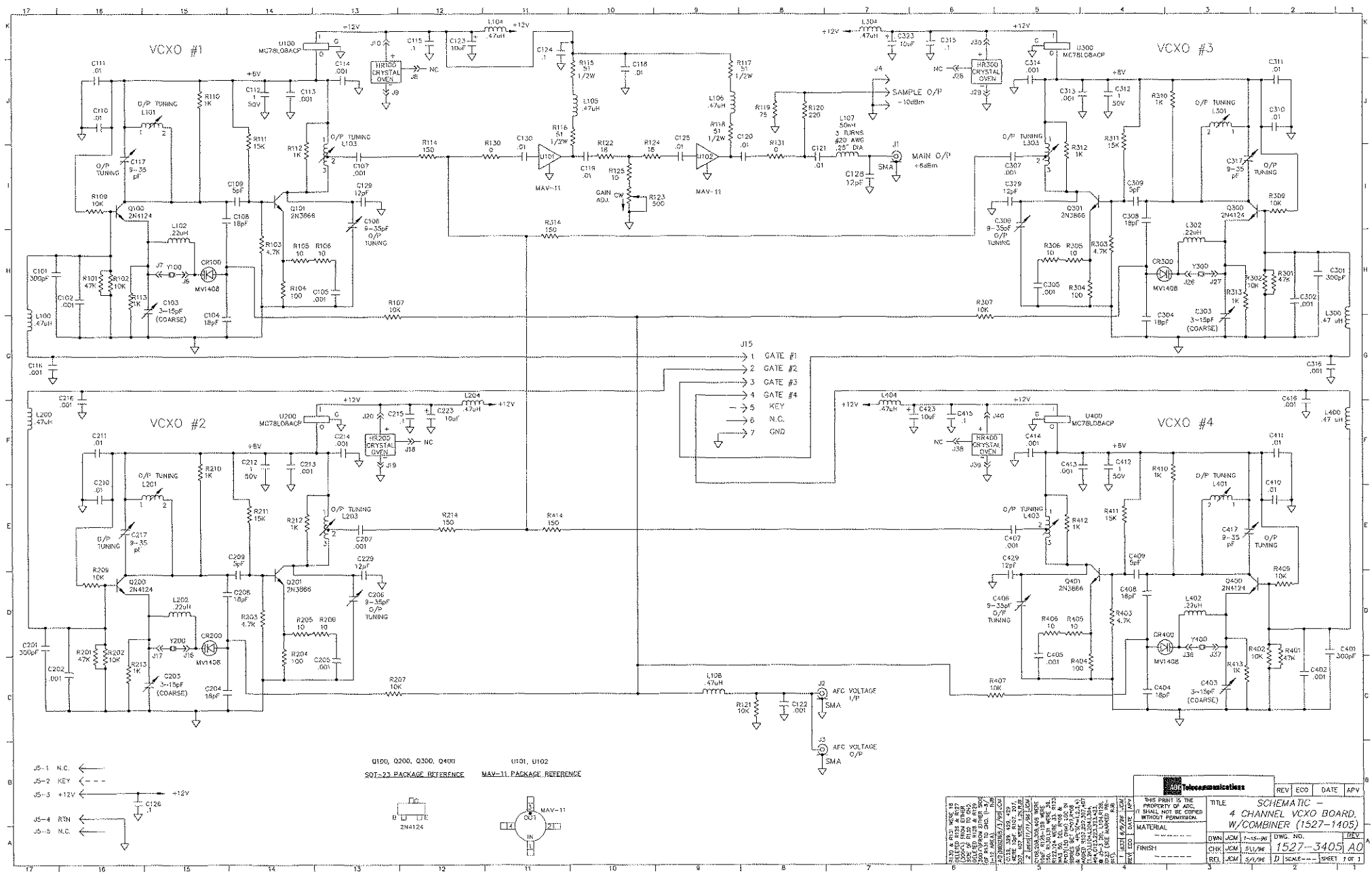
A25 WAS 5W1250-1012, (SAS)
A26 WAS 7/16/00 JCM
A27 WAS 1/16/00 JCM
A28 WAS 3/15/99 JCM
ADDED WIRE AT J2-1,
A12-3-14 WAS DNE AND
A12-3-15 WAS N.C. (DNE)
2 1/2 3/28 1/6/99 JCM
ADDED A30 AT T03,
NAMED CHASSIS CNDS:
CNDS-1 TO CNDS-5
T 1 8/28/99 11/9/99 JCM
REV EDO DATE APV

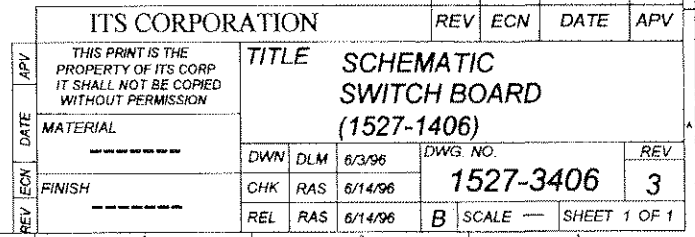
TITLE INTERCONNECT - FREQ. GENERATOR TRAY (1527-8400)		OWN JCM 3-15-99	REV
MATERIAL		CHK JCM 9/5/99	1527-8400 DO
FINISH		REL JCM 9/5/99	D SCALE 1 OF 1

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WITHOUT PERMISSION.



DATE		REV		ECN	DATE	APV
ITS CORPORATION						
THIS PRINT IS THE PROPERTY OF ITS CORP. IT SHALL NOT BE COPIED WITHOUT PERMISSION		TITLE SCHEMATIC, FREQUENCY GENERATOR CONTROL BOARD				
MATERIAL		DWG. NO. 503-596				
DATE		REV				
FMSH		CHK	REL	503-596	152-3401	5
		REL	RAS	503-596	D SCALE	SHEET 1 OF 1





DELETED C1, C2, L1, L2,
U1, J3, & W1. MOVED
W2 FROM J6-1,-2 TO J6
-2,-3. JKF

3	8603	11/7/96	RMS
---	------	---------	-----

AT J2 W2 WAS W1. (TMY)

2	8424	9/29/96	JCM
---	------	---------	-----

SWITCHED PINS 1 & 2 OF
U2. (TMY)

1	8368	8/27/96	RAS
---	------	---------	-----

REV	ECN	DATE	APV
-----	-----	------	-----

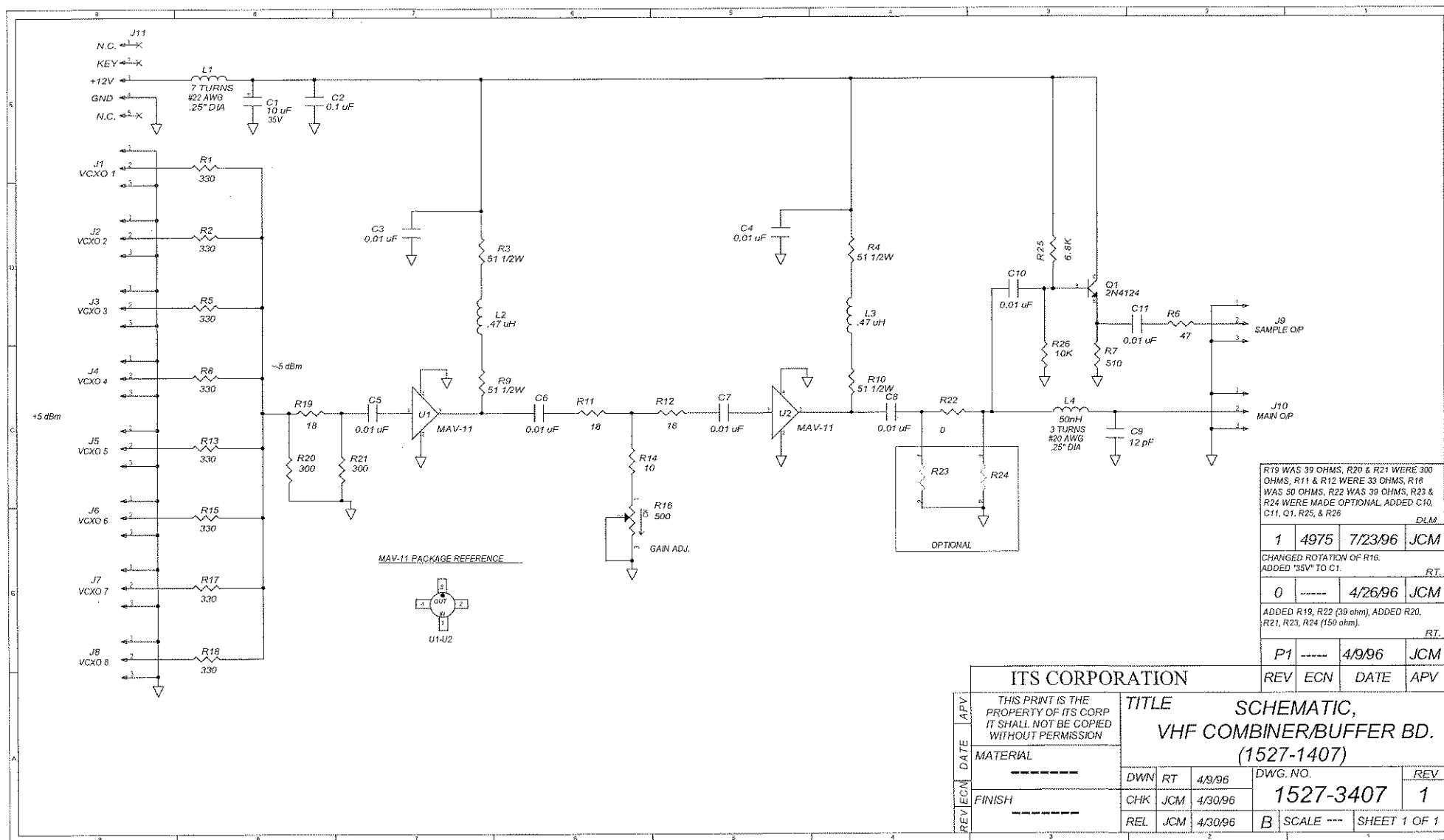
MATIC

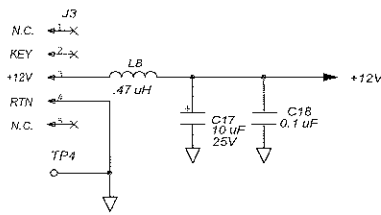
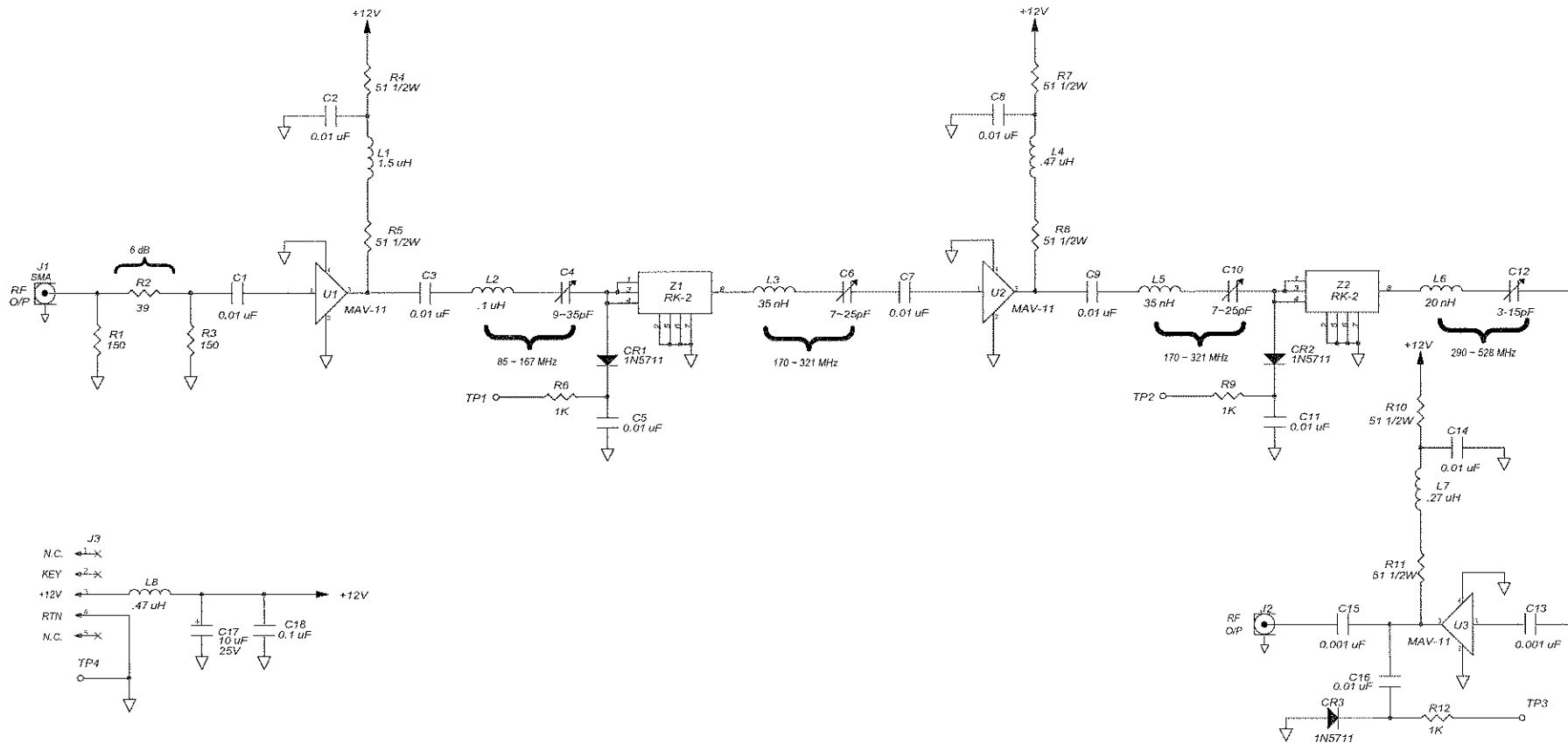
H BOARD
(406)

406)	
DWG. NO.	REV

1527-3406	3
-----------	---

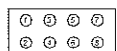
B	SCALE —	SHEET 1 OF 1
---	---------	--------------





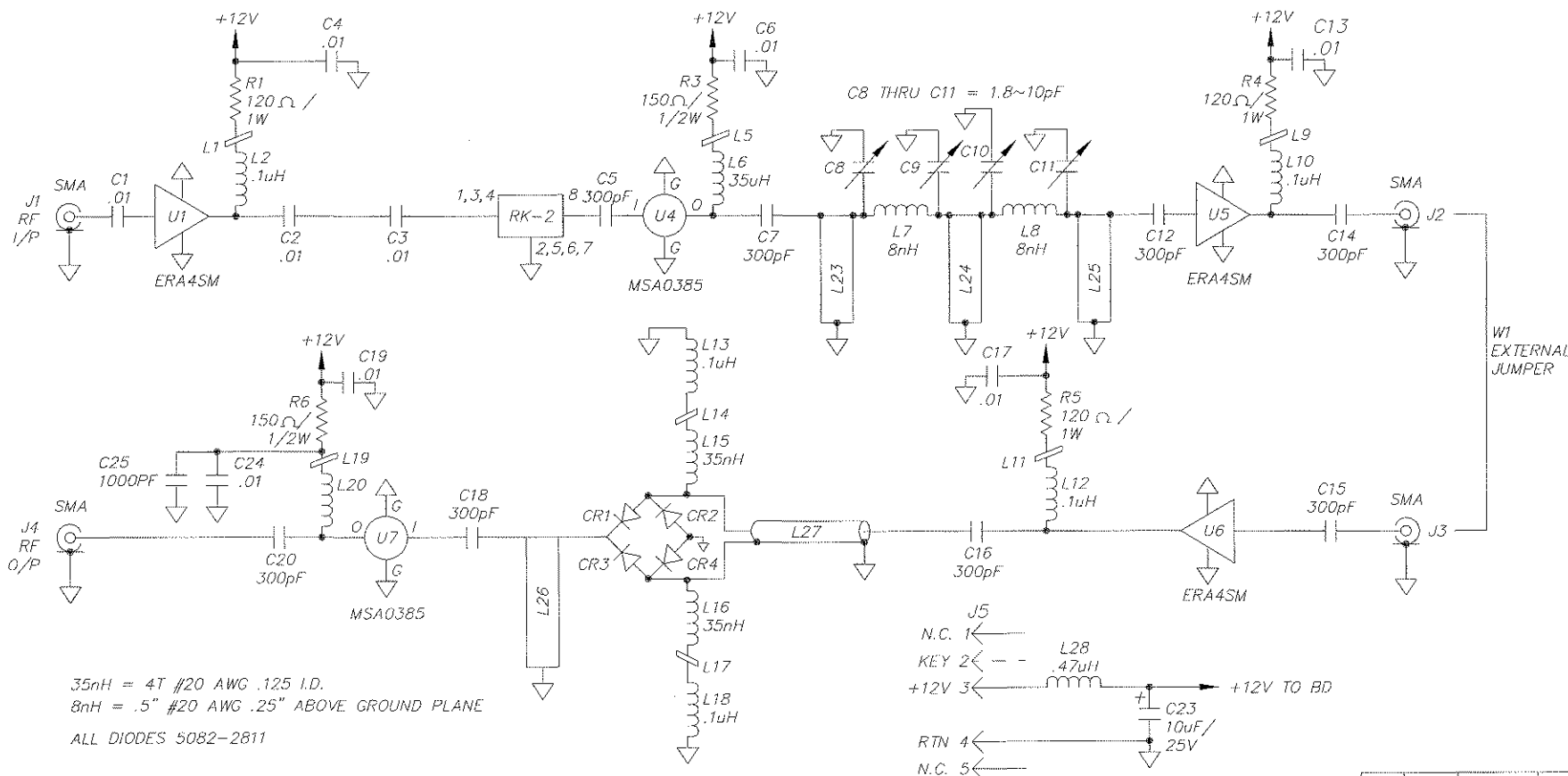
NOTES:
 1) 35nH = 3T #18 AWG, .25" DIA
 20nH = 1T #20 AWG, .25" DIA

SOT-23 PACKAGE REFERENCE MAV-11 PACKAGE REFERENCE RK-2 PACKAGE REFERENCE

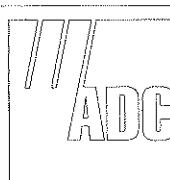


BOTTOM VIEW
 (KUC READ AT PIN #1 (VISIBLE ON BOTTOM)
 LETTER "M" ON TOP, OVER PIN#2

ITS CORPORATION				REV	ECN	DATE	APV
THIS PRINT IS THE PROPERTY OF ITS CORP. IT SHALL NOT BE COPIED WITHOUT PERMISSION				TITLE			
				SCHEMATIC, BROADBAND x4 MULTIPLIER BD. (1527-1404)			
REV	ECN	DATE	APV	MATERIAL			
---	---	---	---	FINISH			
DWN	RT	3/21/96	DWG. NO.	REV			
CHK	JCM	4/26/96	1527-3404	0			
REL	JCM	4/26/96	B	SCALE	---	SHEET 1 OF 1	



REV	ECO	DATE	APV
1	26649-10-90	JCM	

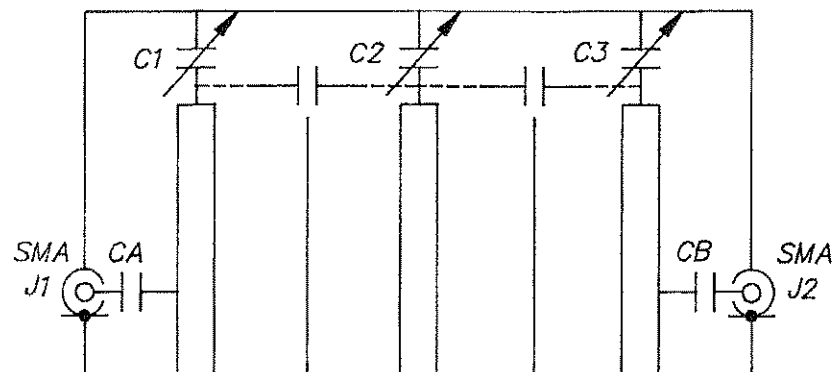


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 WITHOUT PERMISSION.

TITLE			
SCH. PCB			
X4 MULTIPLIER, UHF I/P			
(1128-1206)			
DWN	JEO	2/1/90	REV
CHK	DWB	2/5/90	1128-3206 B0
REL	DWB	2/5/90	B SCALE --- SHEET 1 OF 1

NOTES: CA, CB ARE PROBE CAPACITANCES TO
RESONATOR RODS.

C1-C3 ARE TRIMMER CAPACITORS.



ITS CORPORATION

REV

ECN

DATE

APV

THIS PRINT IS THE
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WITHOUT PERMISSION.

MATERIAL

FINISH

TITLE SCHEMATIC -
FILTER ASSY., 1900-2100 MHz
3 SECTION BROADBAND

DWN

JCM

3-29-94

DWG. NO.

1128-3102

REV

0

CHK

JCM

3-29-94

REL

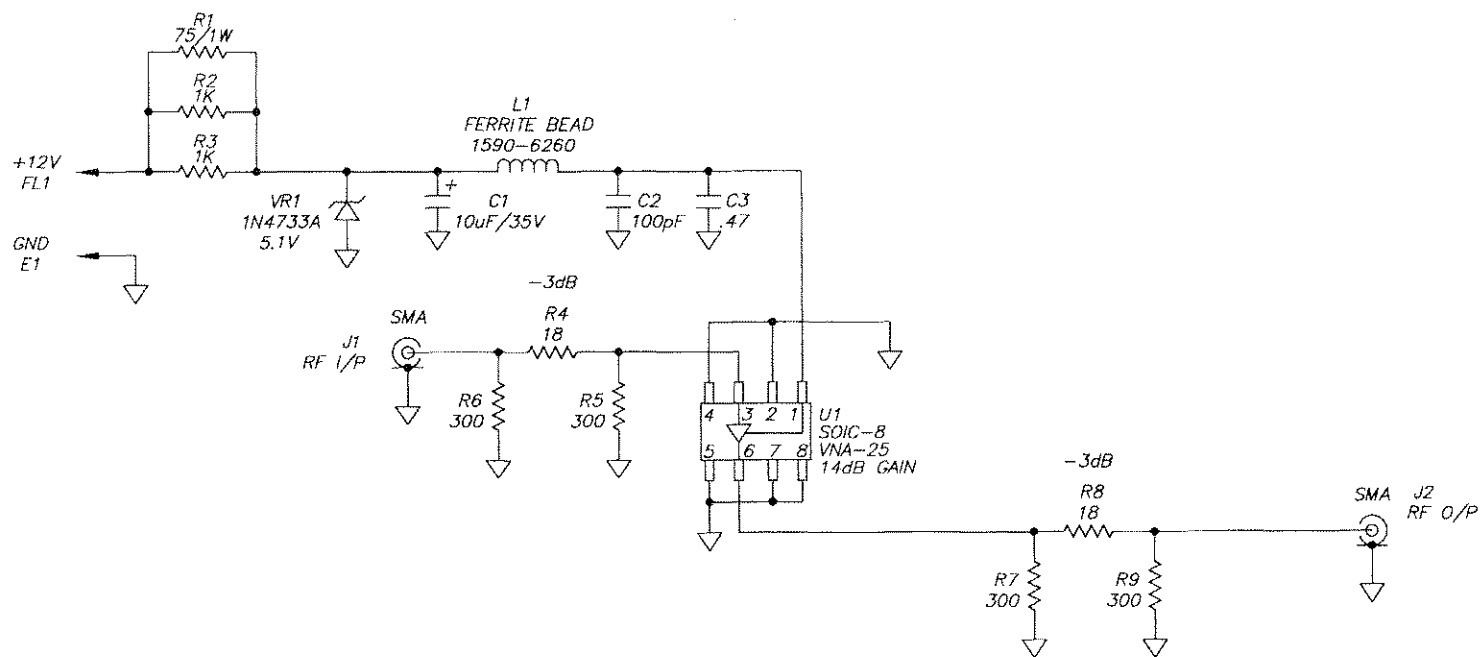
JCM

3-29-94

A

SCALE---

SHEET 1 OF 1



ITS CORPORATION

REV EGN DATE APV

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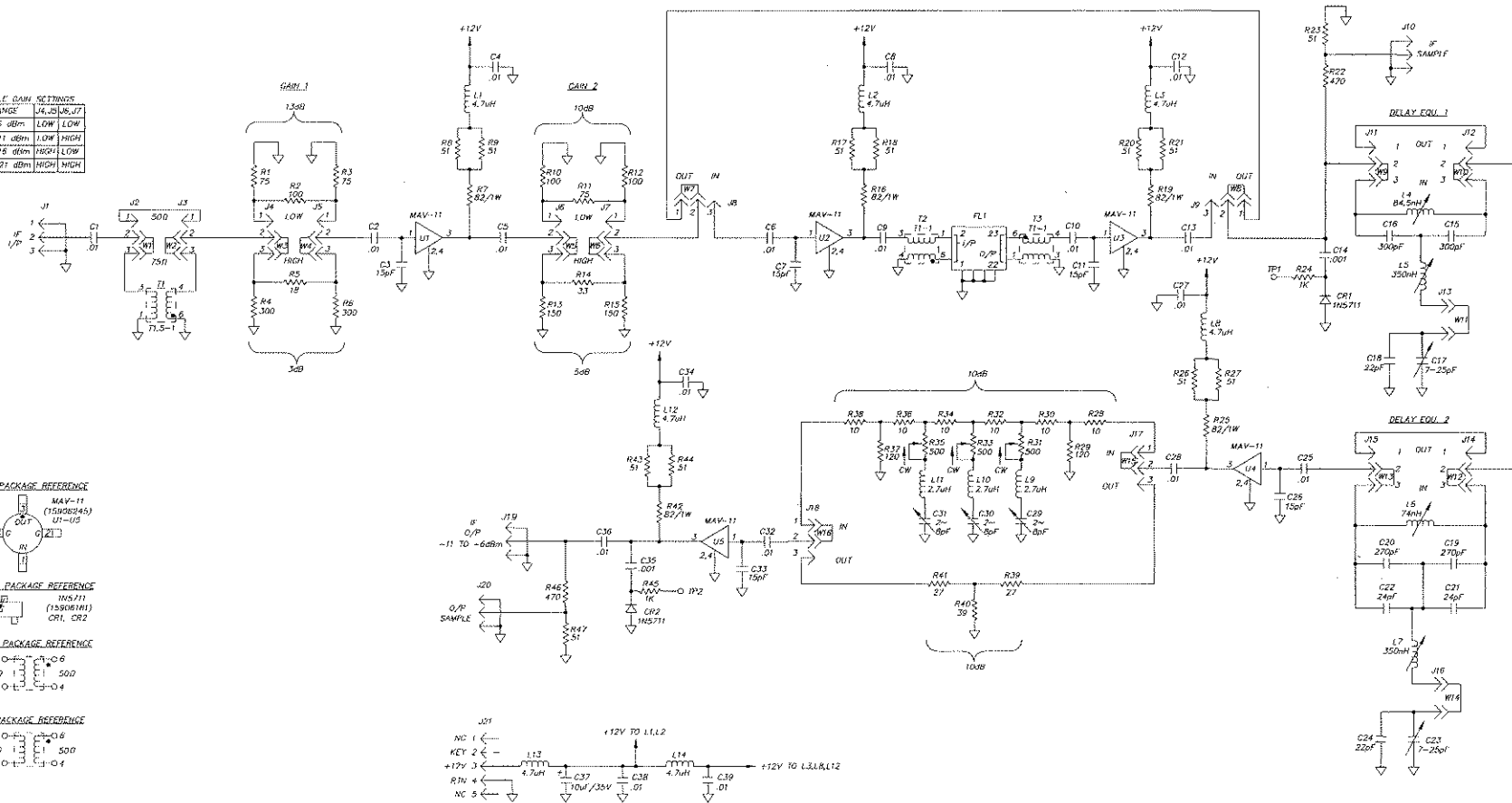
TITLE
SCHEMATIC,
AMPLIFIER BOARD
(1527-1212)

MATERIAL

FINISH

DWN	JCM	8-21-96	DWG. NO.	REV
CHK	JCM	9/11/96	1527-3212	1
REL	JCM	9/11/96	B SCALE----	SHEET 1 OF 1

R4 WAS 39 OHM.
 R5, R6 WAS 150
 OHM.
 1 8463 10/11/96 JCM



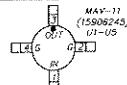
INS/11
(15906141)
CR1, CR2

NOTES:
7) ALL CAPACITORS ARE IN MICRO FARADS
AND ALL RESISTORS ARE IN OHMS
UNLESS NOTED.

THIS DRAWING IS THE PROPERTY OF ITS CORPORATION AND SHALL NOT BE LOANED, REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF ITS CORPORATION.					
TITLE SCH. I / P EQUALIZER BD., 44 MHZ (1555-1219)					
DRAWN BY: JCB DATE: 1/20/78 DWG. NO.: 1555-1219 REV. 1					
CHK: BSW 1/30/78					
REL: BSW 1/30/78 D SCALE - SHEET 1 OF 1					

ADJUSTABLE GAIN SETTINGS			
IF I/P RANGE	J4, J5, J6, J7	LOW	HIGH
-11 TO -6 dBm	LOW	LOW	LOW
-16 TO -11 dBm	LOW	HIGH	HIGH
-21 TO -16 dBm	HIGH	LOW	LOW
-26 TO -21 dBm	HIGH	HIGH	HIGH

MAV-11 PACKAGE REFERENCE



SD1-21 PACKAGE REFERENCE



TL5-1 PACKAGE REFERENCE

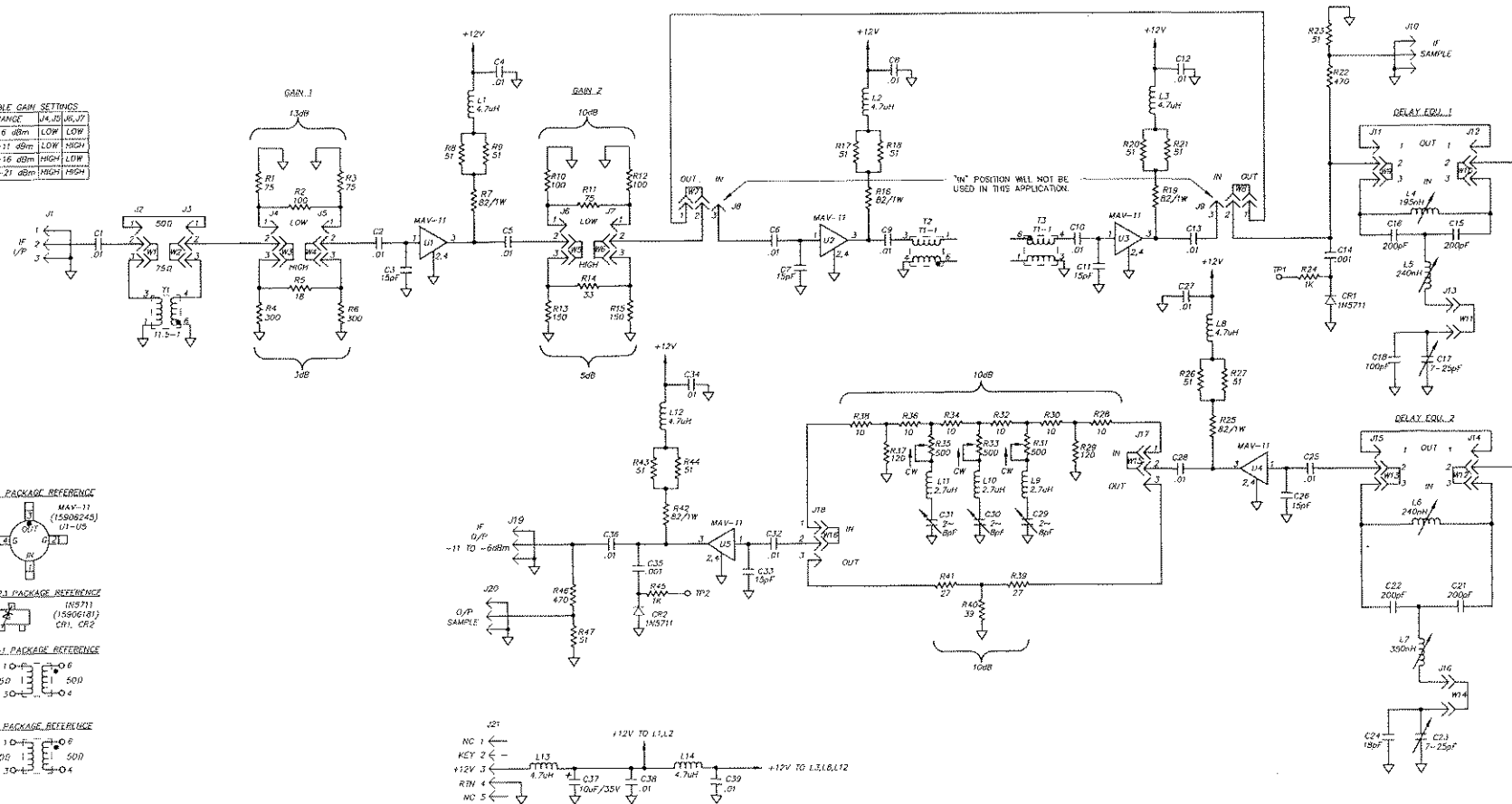


TL-1 PACKAGE REFERENCE

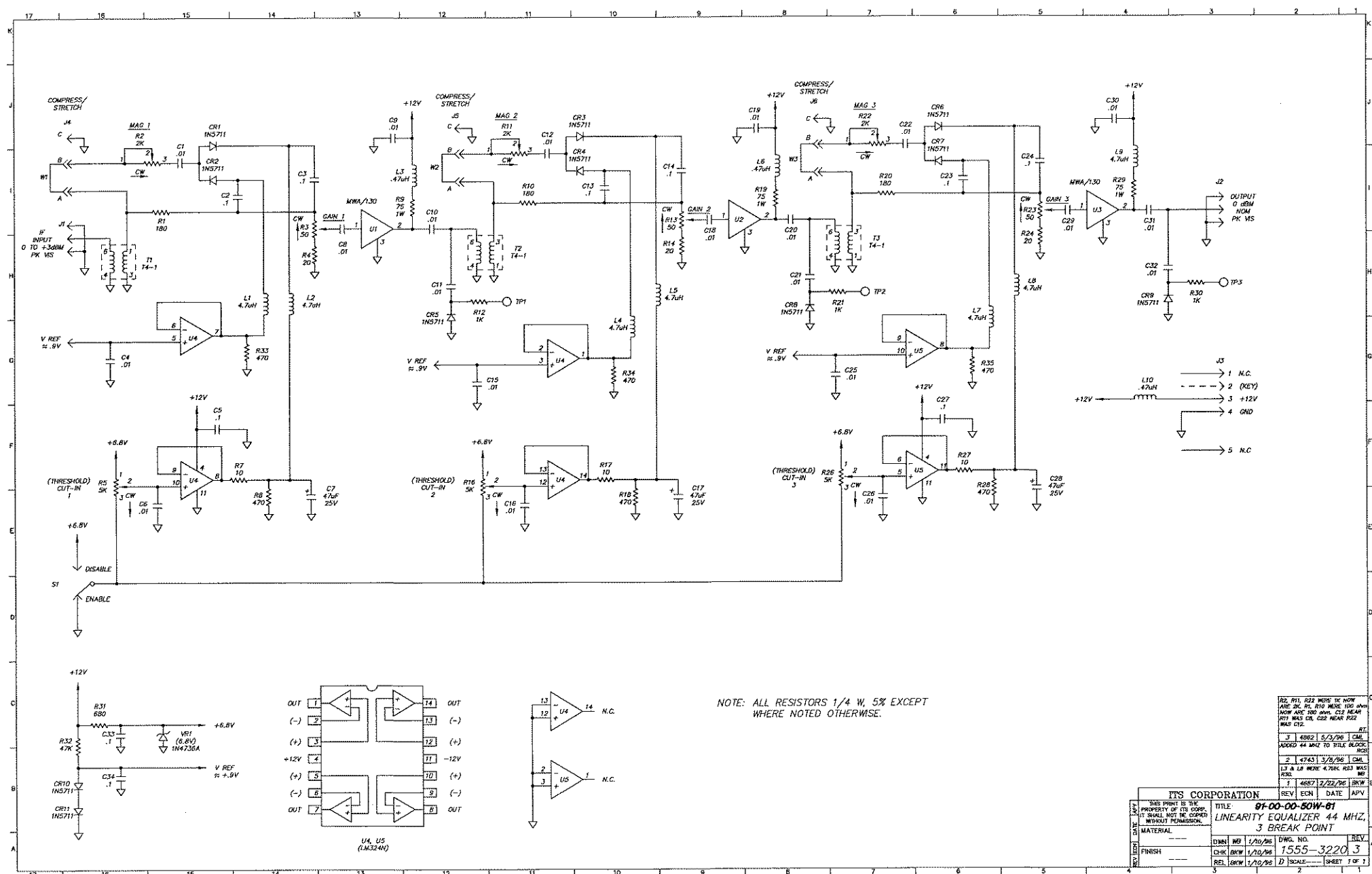


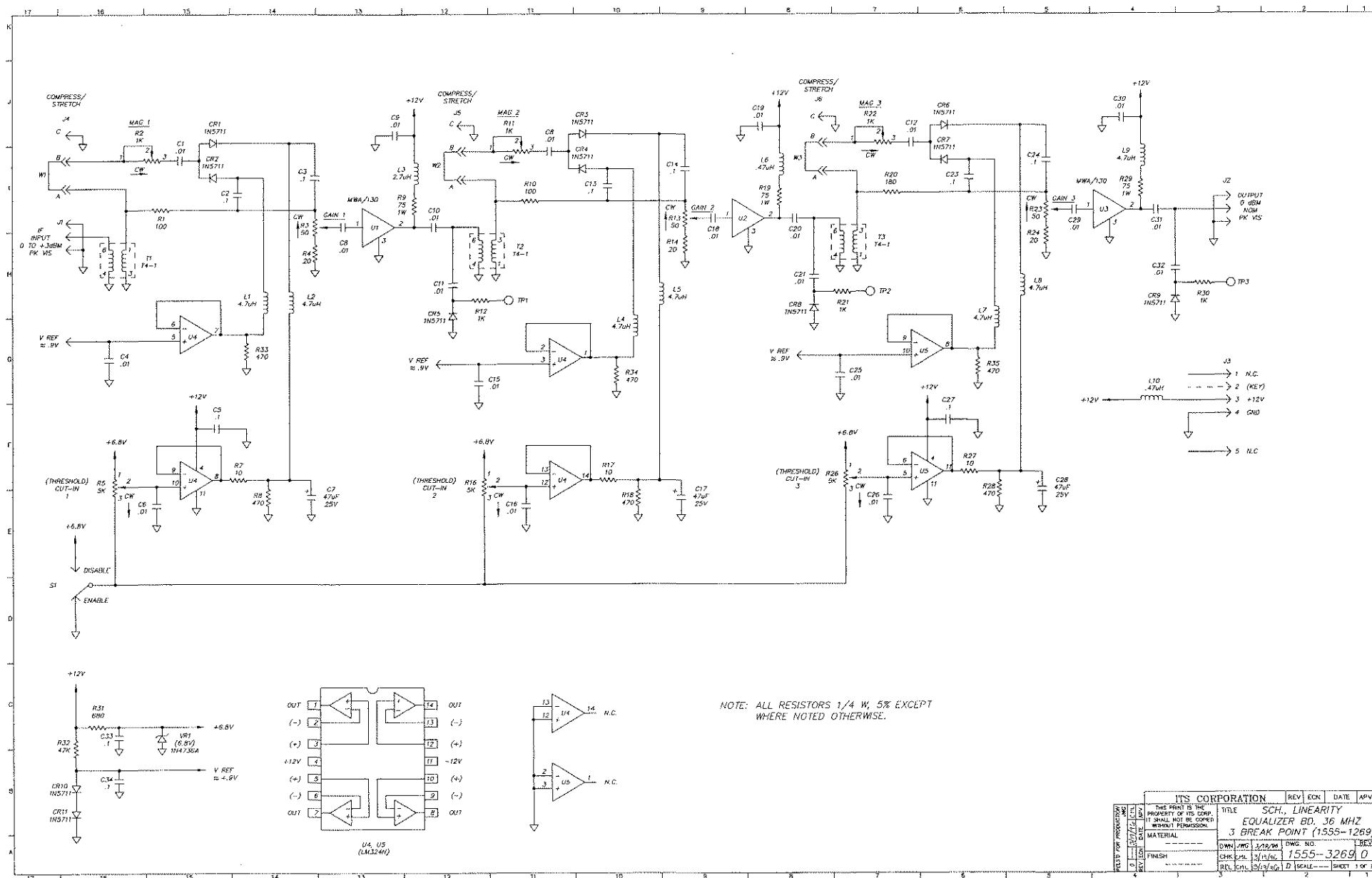
NOTES:

1) ALL CAPACITORS ARE IN MICRO FARADS
AND ALL RESISTORS ARE IN OHMS
UNLESS NOTED.

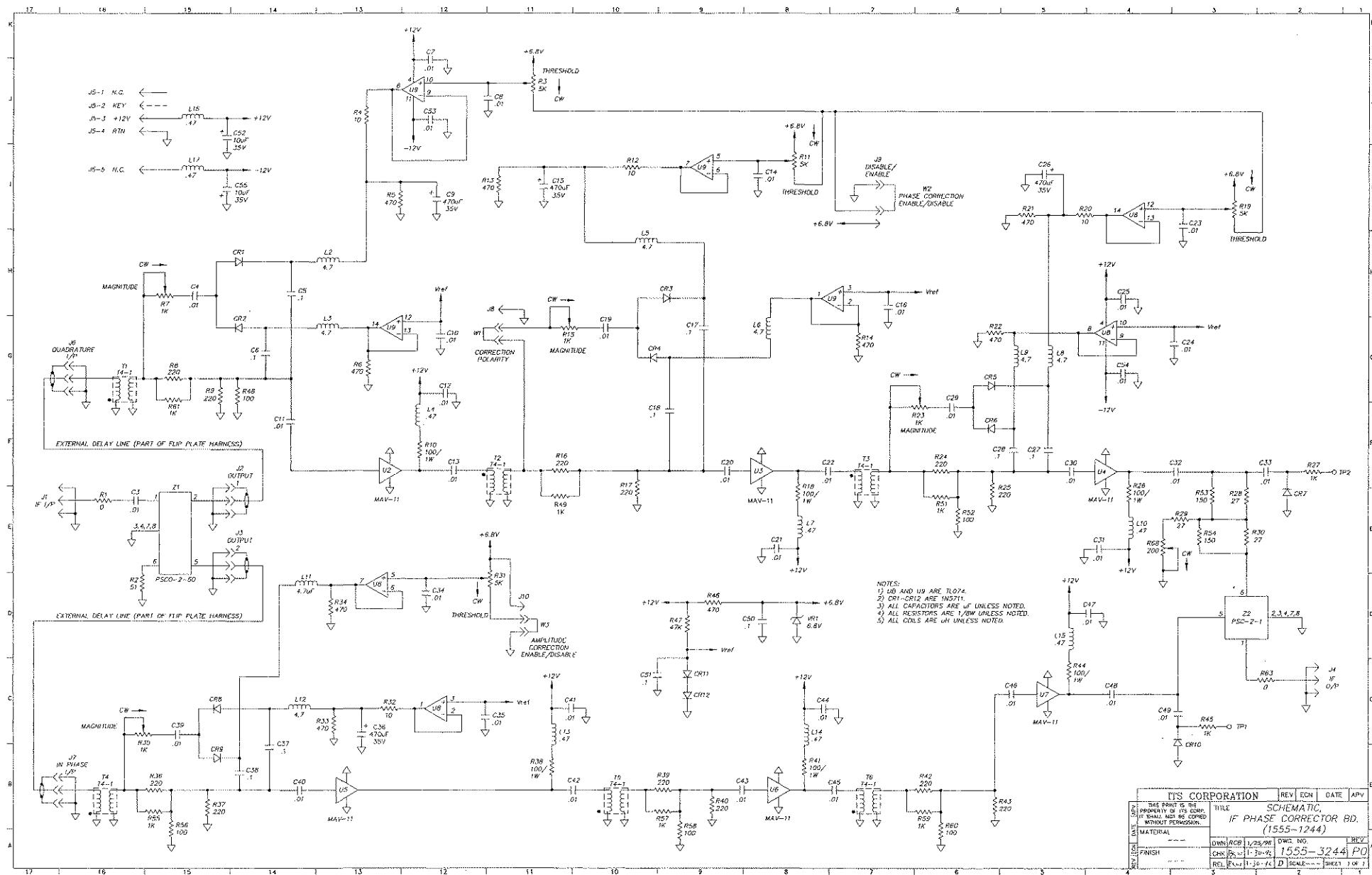


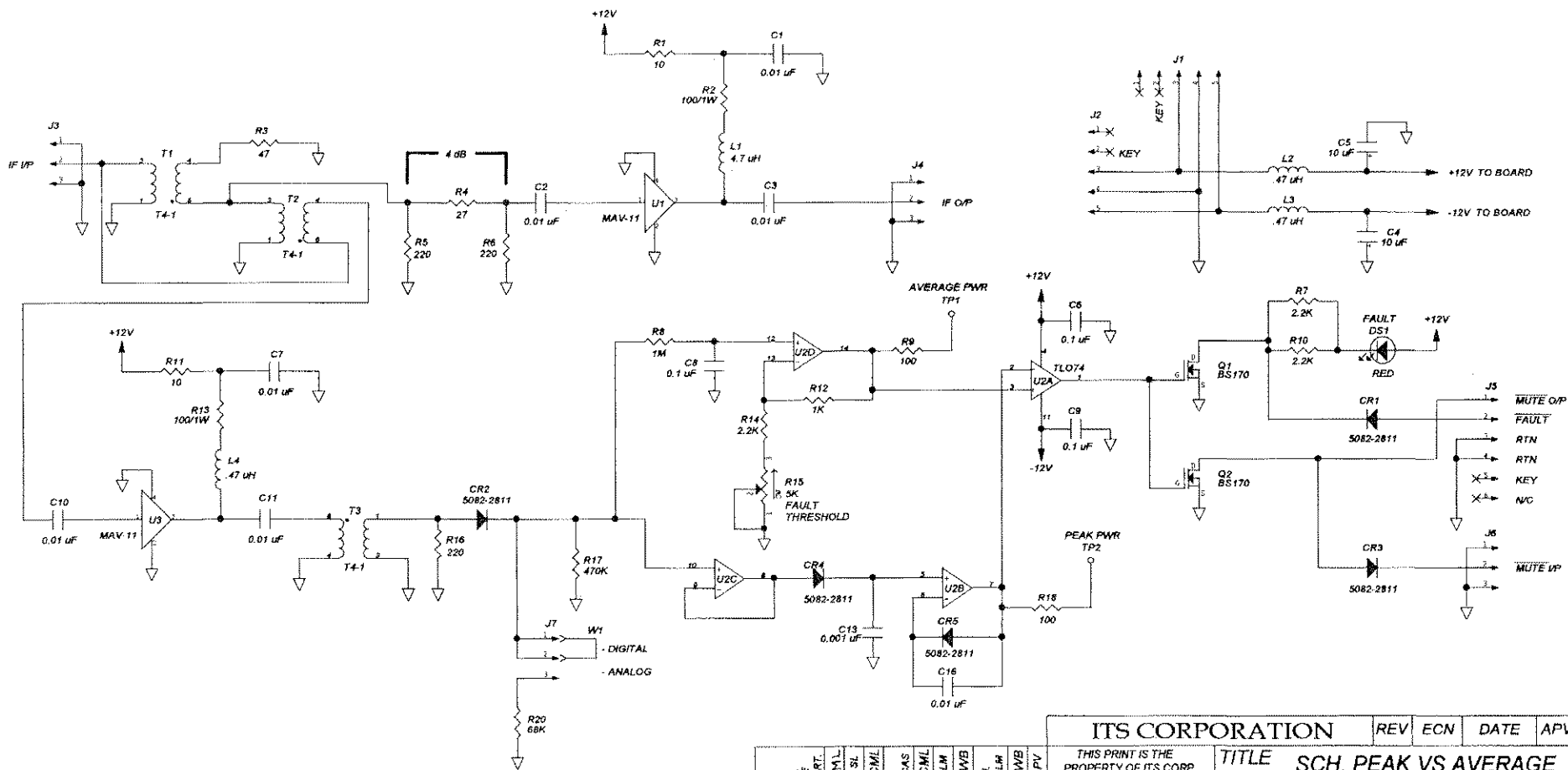
ITS CORPORATION			
REV	EDN	DATE	APV
THIS DRAWING IS THE PROPERTY OF ITS CORP. IT SHALL NOT BE COPIED WITHOUT PERMISSION.			
TITLE			
SCH. IF I/P			
EQUALIZER BD. 36MHZ			
(1555-1268)			
MATERIAL			
DWG. NO.			
CHK. CML. 3/18/55			
REL. CML. 3/18/55			
D SCALE 1 OF 1			





ITS CORPORATION				REV	EON	DATE	APV
THIS PRINT IS THE PROPERTY OF ITS CORP. IT SHALL NOT BE COPIED WITHOUT PERMISSION.							
TITLE				SCH., LINEARITY			
				EQUALIZER BD. 36 MHZ			
				3 BREAK POINT (1555-1269)			
MATERIAL							
FINISH							
REL. CHL. 15/3/56				D SCALE			
1 OF 1							

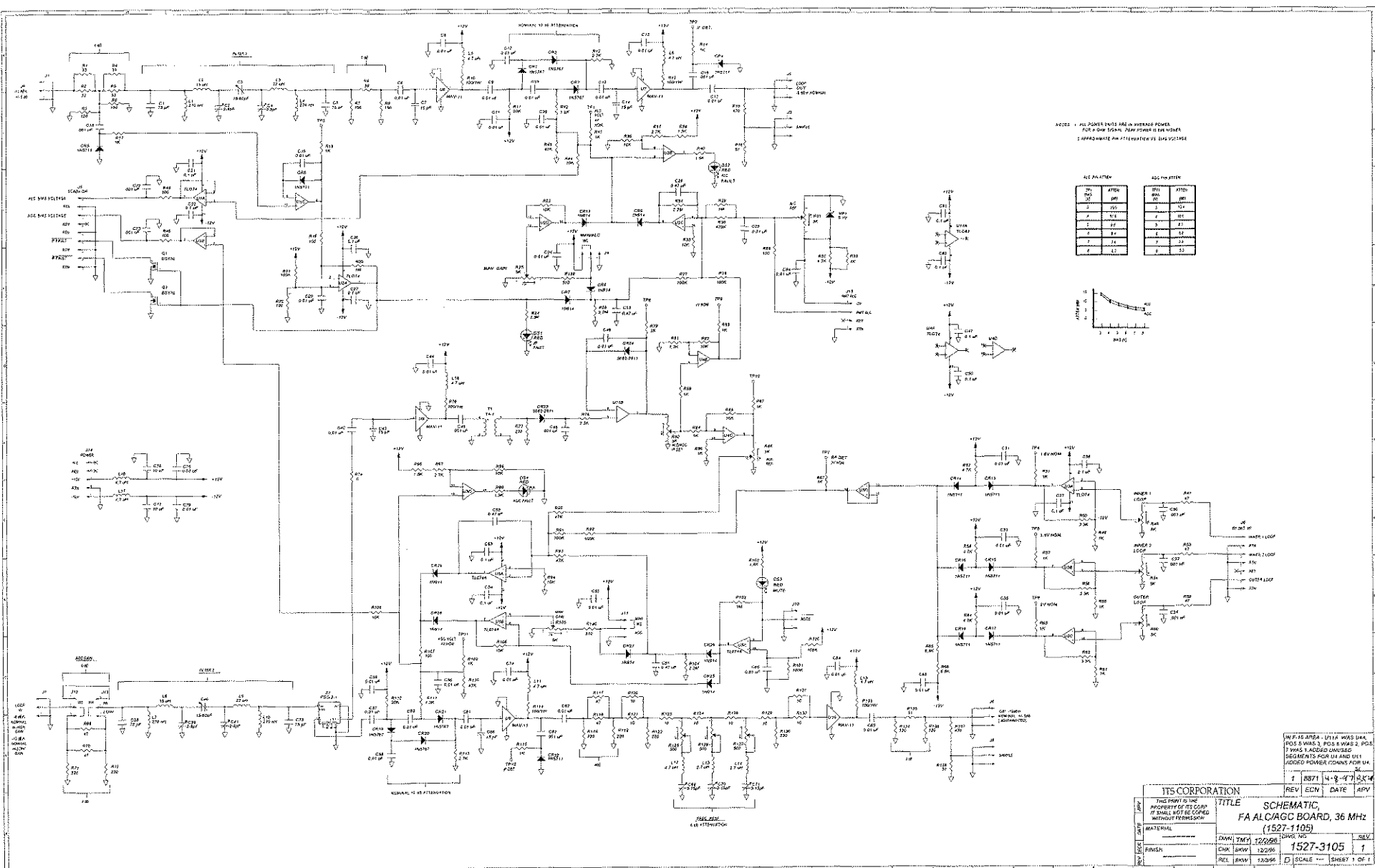


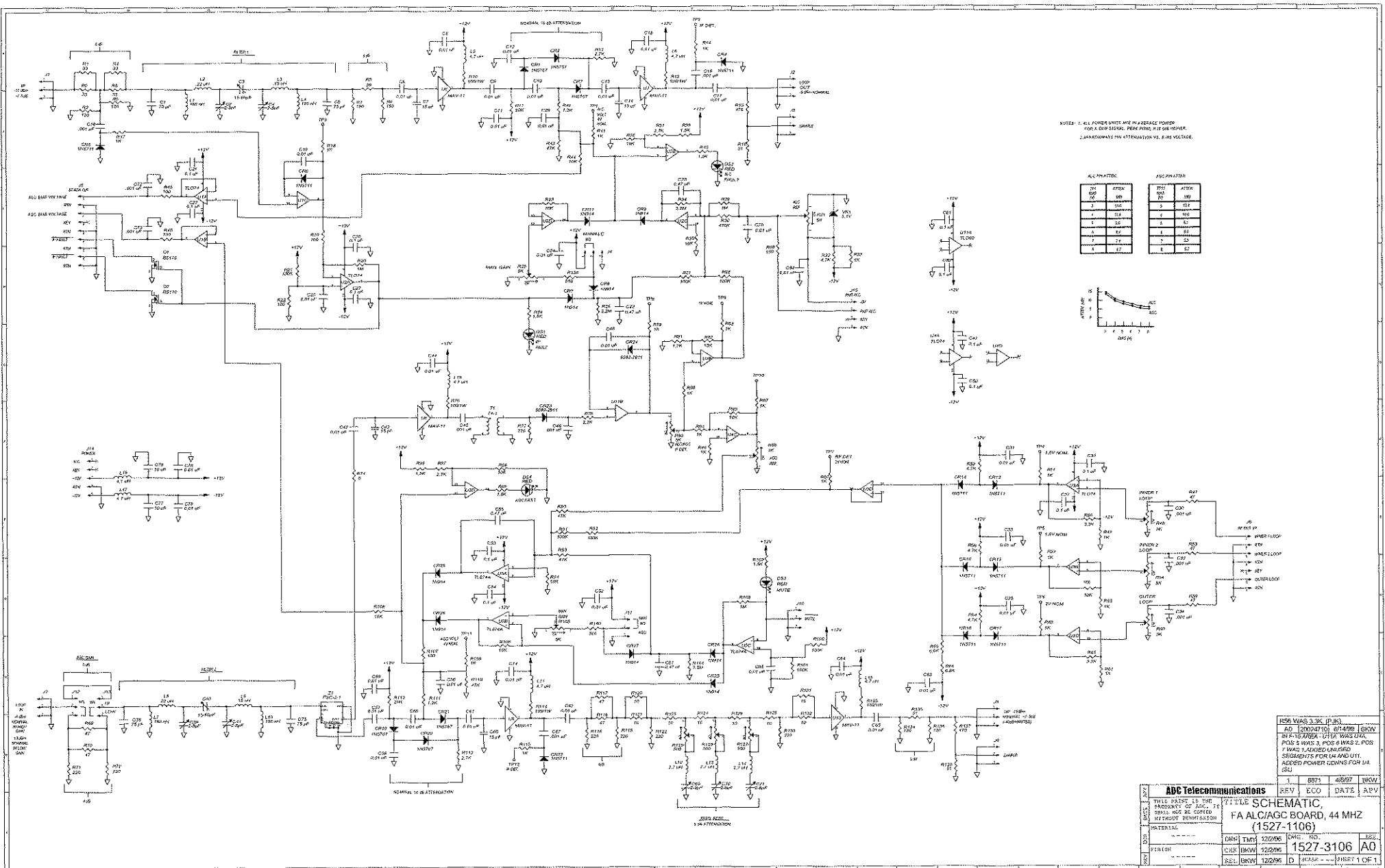


DELETED R19, C14, C15.
 CRE ADDED R20 (68K), J1.
 W1 ADDED "DIGITAL".
 ANALOG EXT. NEAR W1.
 BLOCK ANALOG TO TITLE.
 BLOCK
 5 4821 4/10/96 CML
 ADDED DIGITAL TO NAME SL
 4 4789 3/25/96 CML
 DELETED C12, CHANGED
 VALUES OF R8 & R17.
 3 4746 3/12/96 CML
 L1 WAS .47 uH DLM
 2 4723 3/4/96 DMB
 R14 WAS 1K, J5 WAS 4 PIN.
 1 4694 2/20/96 DMB
 REV: ECN DATE APV

ITS CORPORATION REV ECN DATE APV

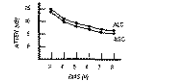
THIS PRINT IS THE PROPERTY OF ITS CORP IT SHALL NOT BE COPIED WITHOUT PERMISSION				TITLE SCH, PEAK VS AVERAGE DET. BD., DIGTL/ANALOG (1555-1254)			
MATERIAL				DWN	DLM	2/7/96	DWG. NO.
FINISH				CHK	DWB	2/12/96	1555-3254
				REL	DWB	2/12/96	B SCALE ---
				SHEET 1 OF 1			





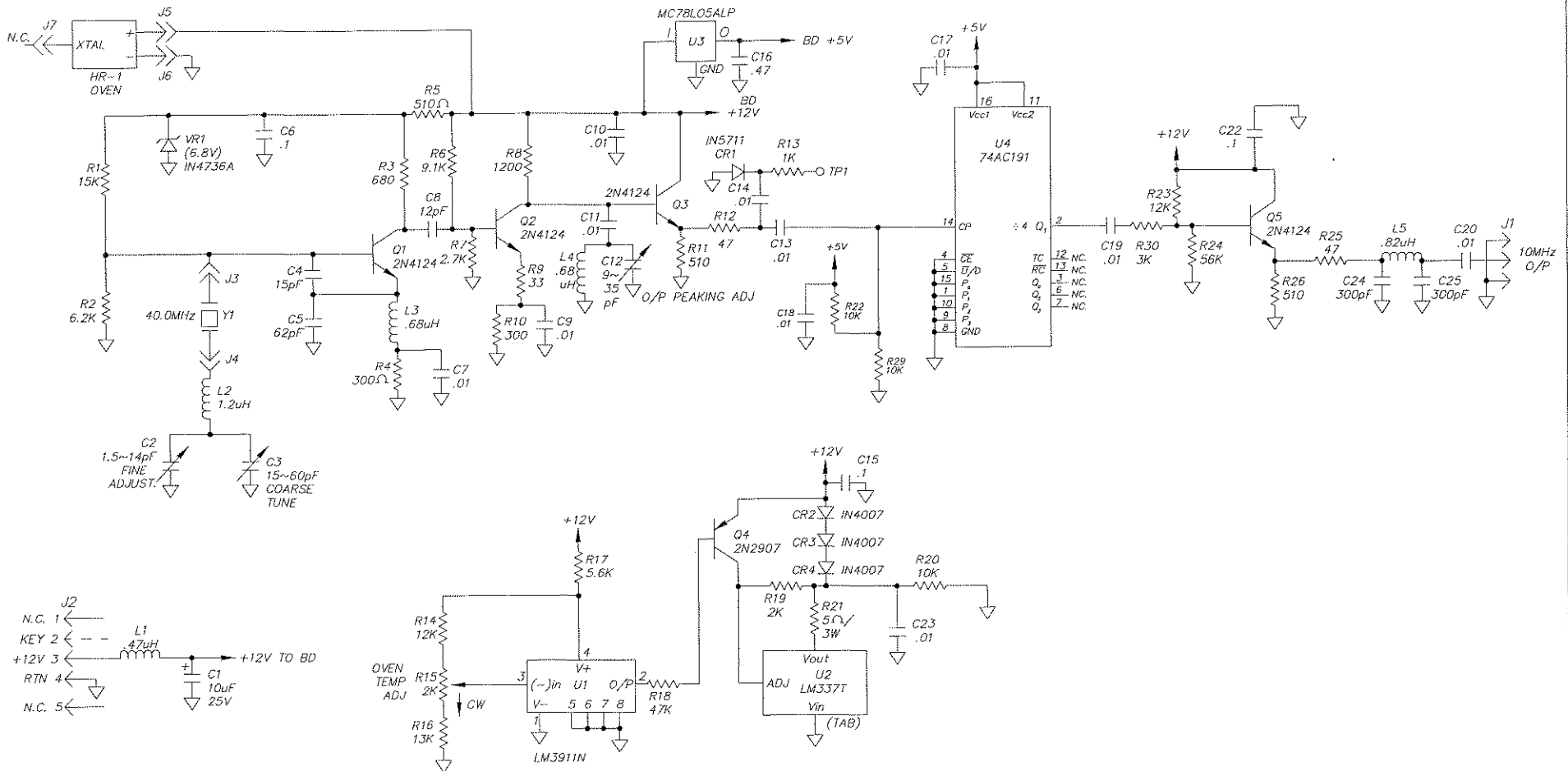
NOTES: 1. ALL POWER WIRE ARE IN AVERAGE POSITION FOR A GOLF SIGNAL. PERK POINTS AT 108 MILLER.
2. APPROXIMATELY THE EXTENSION VS. RMS VOLTAGE

AGC FROM AT21R		AGC FROM AT21R	
TIME DOWN (hr)	AT21R MW	TIME DOWN (hr)	AT21R MW
3	25.6	5	23.4
4	22.8	6	20.6
5	2.6	7	18.5
6	2.4	8	16.3
7	2.4	9	13.5
8	2.7	10	11.7



R56 WAS 3.3K (PJK)		
AD	20024710	8/14/98 SKW
INX-10 AREA UNITA WAS USA.		
POS 5 WAS 3, POS 6 WAS 2. POS		
7 WAS 1. ADDED UNRAID		
SEGMENTS FOR U4 AND UTI.		
ADDED POWER GDNNS FOR U4.		
(SL)		

REV	ABC Telecommunications		REV	BST	4/26/84	REV
DATE	THIS DATE IS THE PROPERTY OF ABC-TE SHALL NOT BE COPIED WITHOUT PERMISSION		TITLE SCHEMATIC, FA AL/AGC BOARD, 44 MHZ (1527-1106)	ECO	DATE	REV
MATERIAL						
QTY			DATE	TIME	BY	REV
PROD			12/29/86		1527-3106	A0
			12/29/86			
			REL	REV	D	SCAP --- SHEET 1 OF 1



CHG'D PART # AT U4 FROM MC74AC190 TO 74AC191 JMG			
2	8432	9/17/96	BKW
10MHZ AT J1 WAS 5MHZ SL			
1	4401	9/28/95	JCM
REV	ECO	DATE	APV

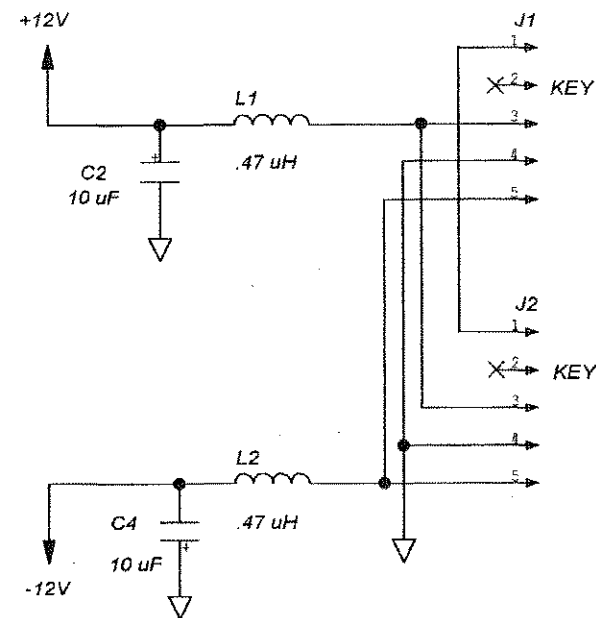
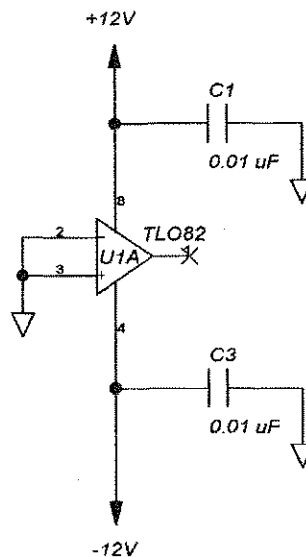
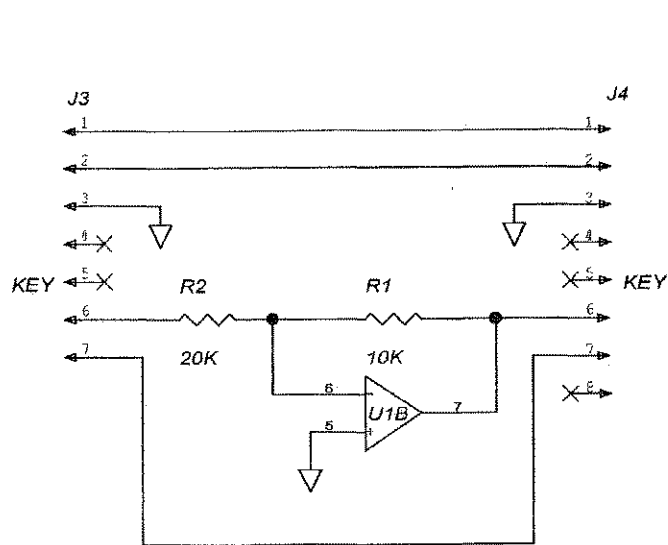


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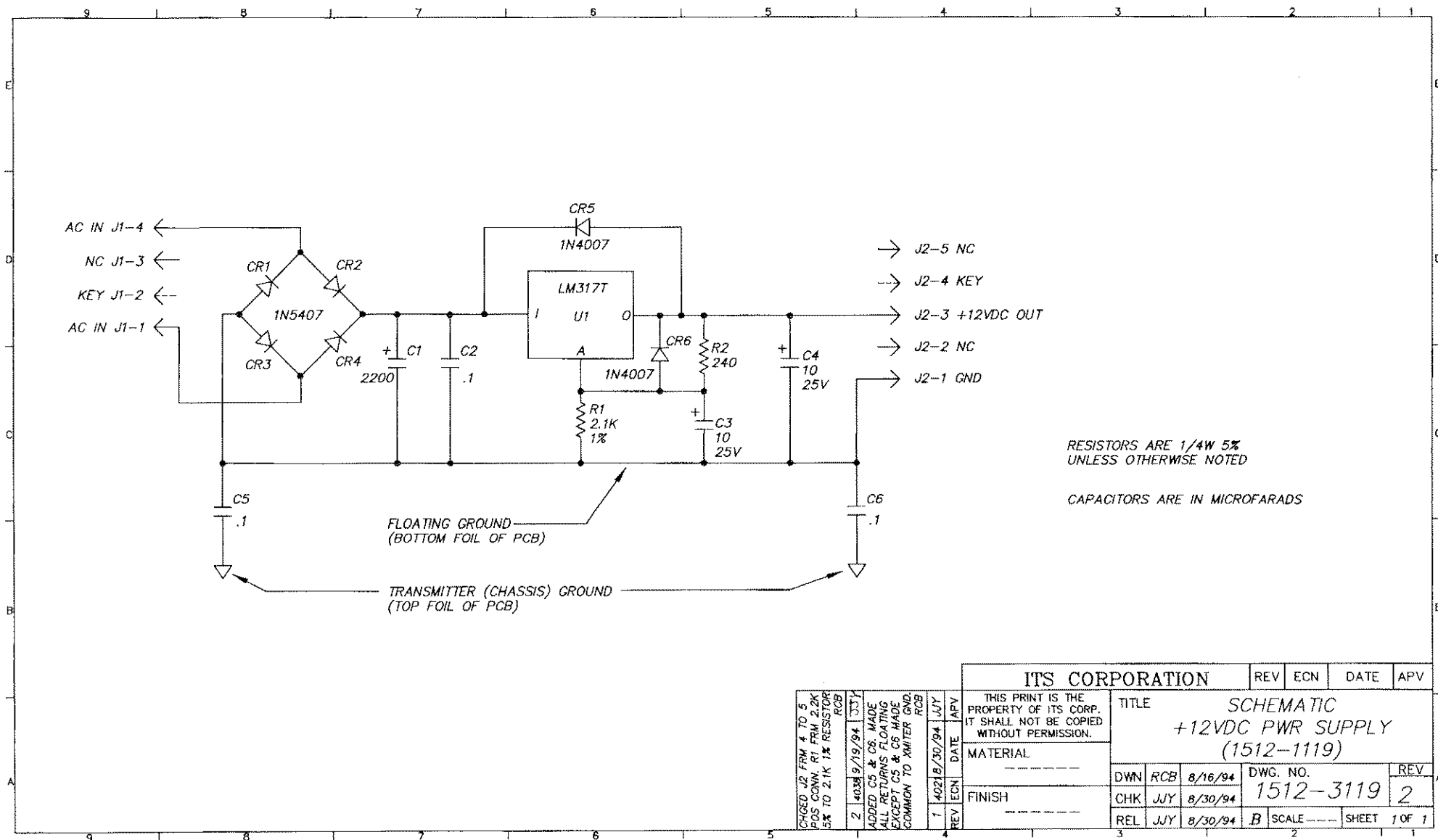
MATERIAL

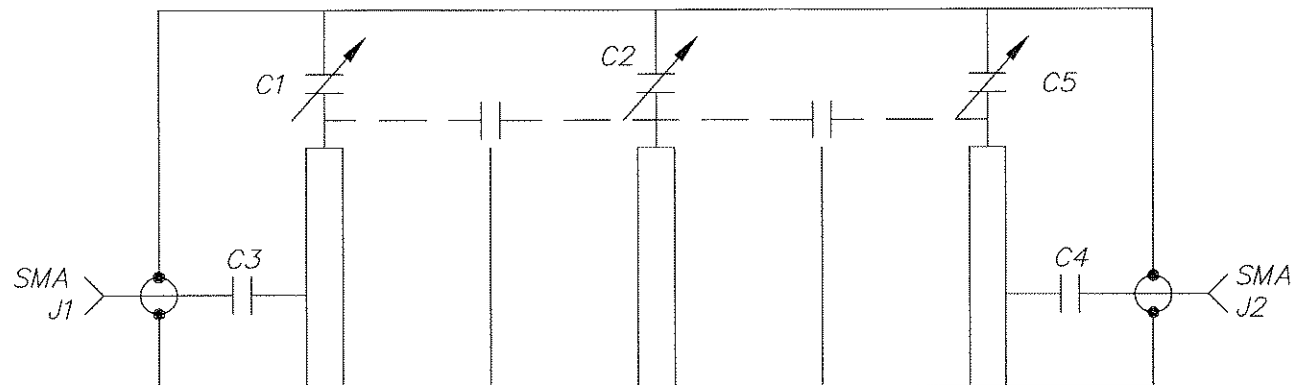
FINISH

TITLE SCHEMATIC - 10MHz REFERENCE GENERATOR BD. (1519-1126)			
DWN	R1	5/17/95	DWG. NO.
CHK	BKW	8/7/95	1519-3126
REL	BKW	8/7/95	2
SCALE		SHEET 1 OF 1	



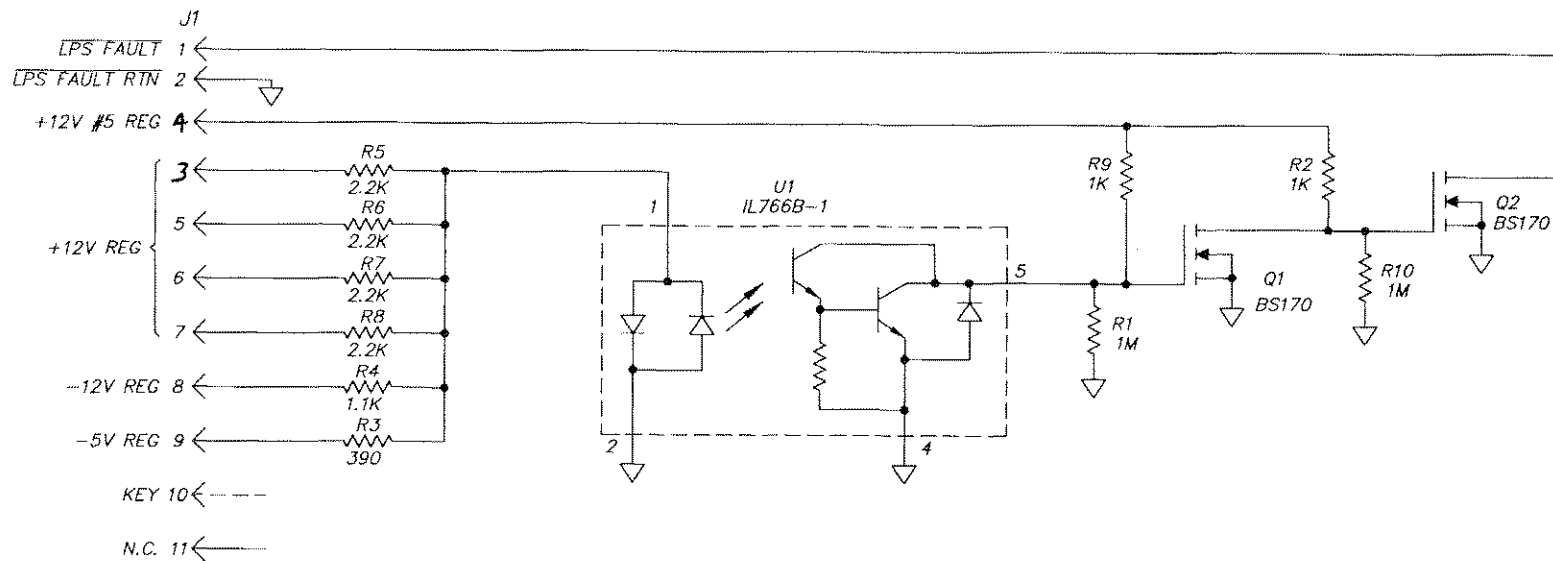
ITS CORPORATION				REV	ECN	DATE	APV
R2 WAS 10K.	DLM	THIS PRINT IS THE PROPERTY OF ITS CORP IT SHALL NOT BE COPIED WITHOUT PERMISSION					
	8464						
	9/30/96	MATERIAL -----					
	1						
REV	ECN	FINISH -----					
1	1						
TITLE				SCH, SCADA SIGNAL CONDITIONING BD.			
				(1555-1273)			
DWN	DLM	3/27/96	DWG. NO.		REV		
CHK	RAS	3/27/96	1555-3273		1		
REL	RAS	3/27/96	A	SCALE ---	SHEET 1 OF 1		





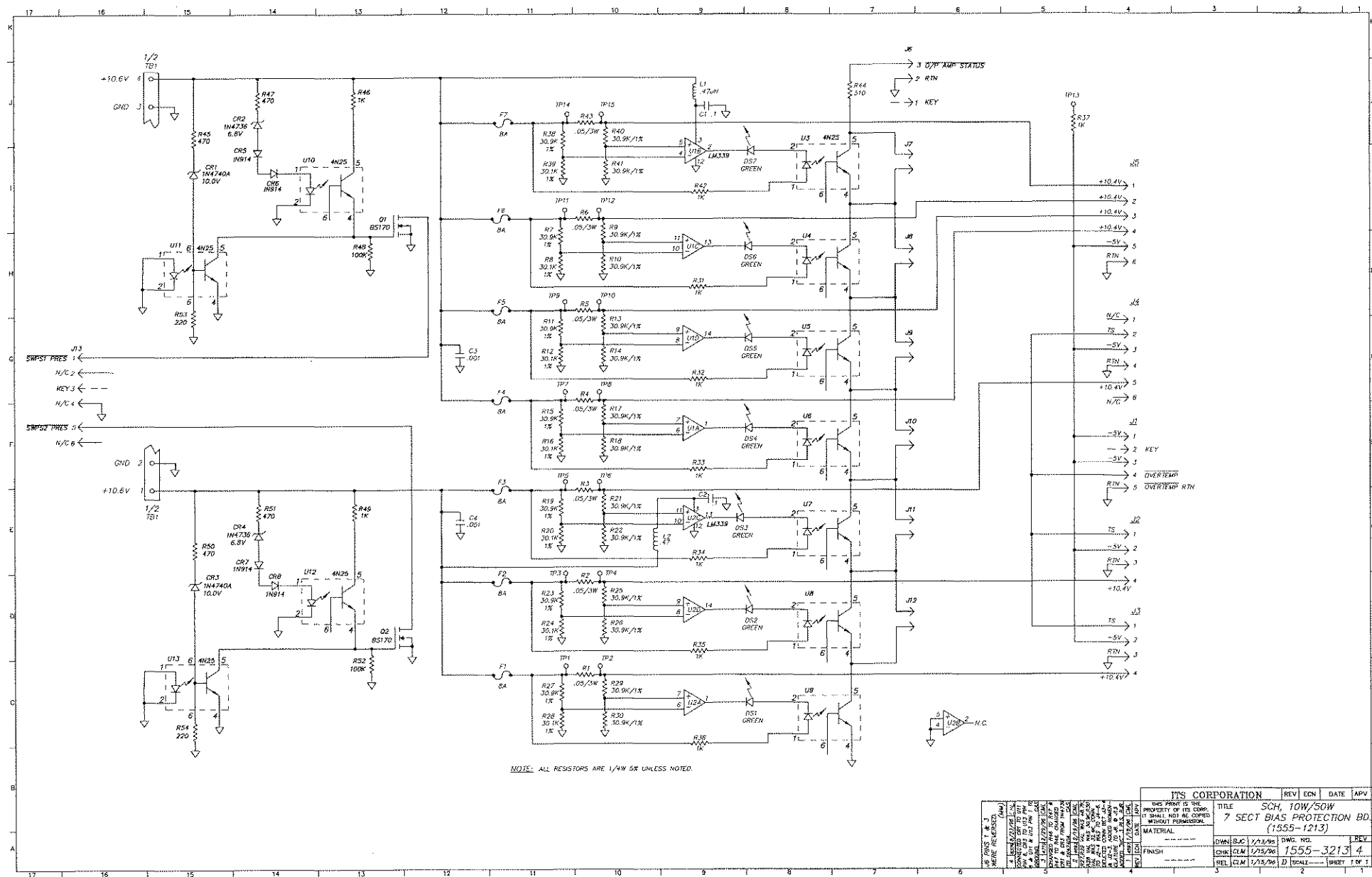
NOTE: C3 & C4 ARE PROBE CAPACITANCE TO RESONATOR RODS.
C1, C2 & C5 ARE TUNING SCREWS.

ITS CORPORATION				REV	ECN	DATE	APV
REV	ECN	DATE	APV	THIS PRINT IS THE PROPERTY OF ITS CORP. IT SHALL NOT BE COPIED WITHOUT PERMISSION.			
				MATERIAL			
REV	ECN	DATE	APV	TITLE SCHEMATIC - BROAD BAND CAVITY FILTER, 3 SECTION (1107-1101)			
				DWN JEO 6/27/88 DWG. NO. 1107-3101 REV 0			
REV	ECN	DATE	APV	CHK RE 6/29/88			
				REL RE 6/29/88 A SCALE --- SHEET 1 OF 1			

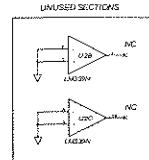
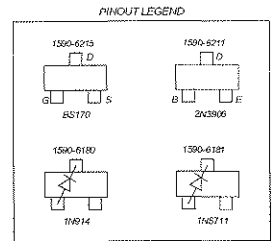
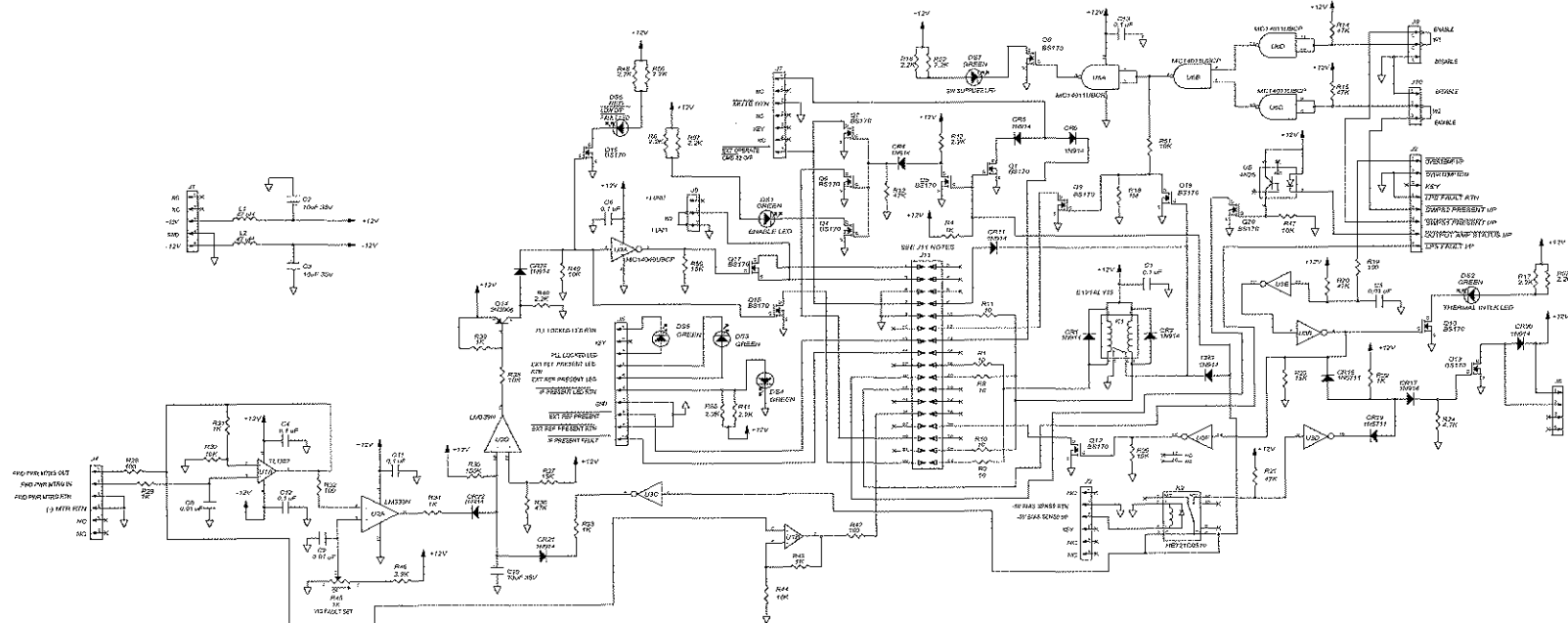


ALL RESISTORS ARE 1/4W UNLESS OTHERWISE INDICATED

ITS CORPORATION				REV	ECN	DATE	APV
THIS PRINT IS THE PROPERTY OF ITS CORP. IT SHALL NOT BE COPIED WITHOUT PERMISSION. MATERIAL FINISH				DWN	RJB	1/19/96	DWG. NO.
				CHK	CML	1/25/96	1555-3242
J1 WAS KEYED AT PIN 3. J1 WAS 9 PIN JACK. ADDED PIN 3 CKT. 2 4658 2/6/96 CML ADDED R9 & R10 R1 VAL WAS 15K. 1 4627 1/29/96 CML REV ECN DATE APV				REL	CML	1/25/96	B
				SCALE		SHEET 1 OF 1	



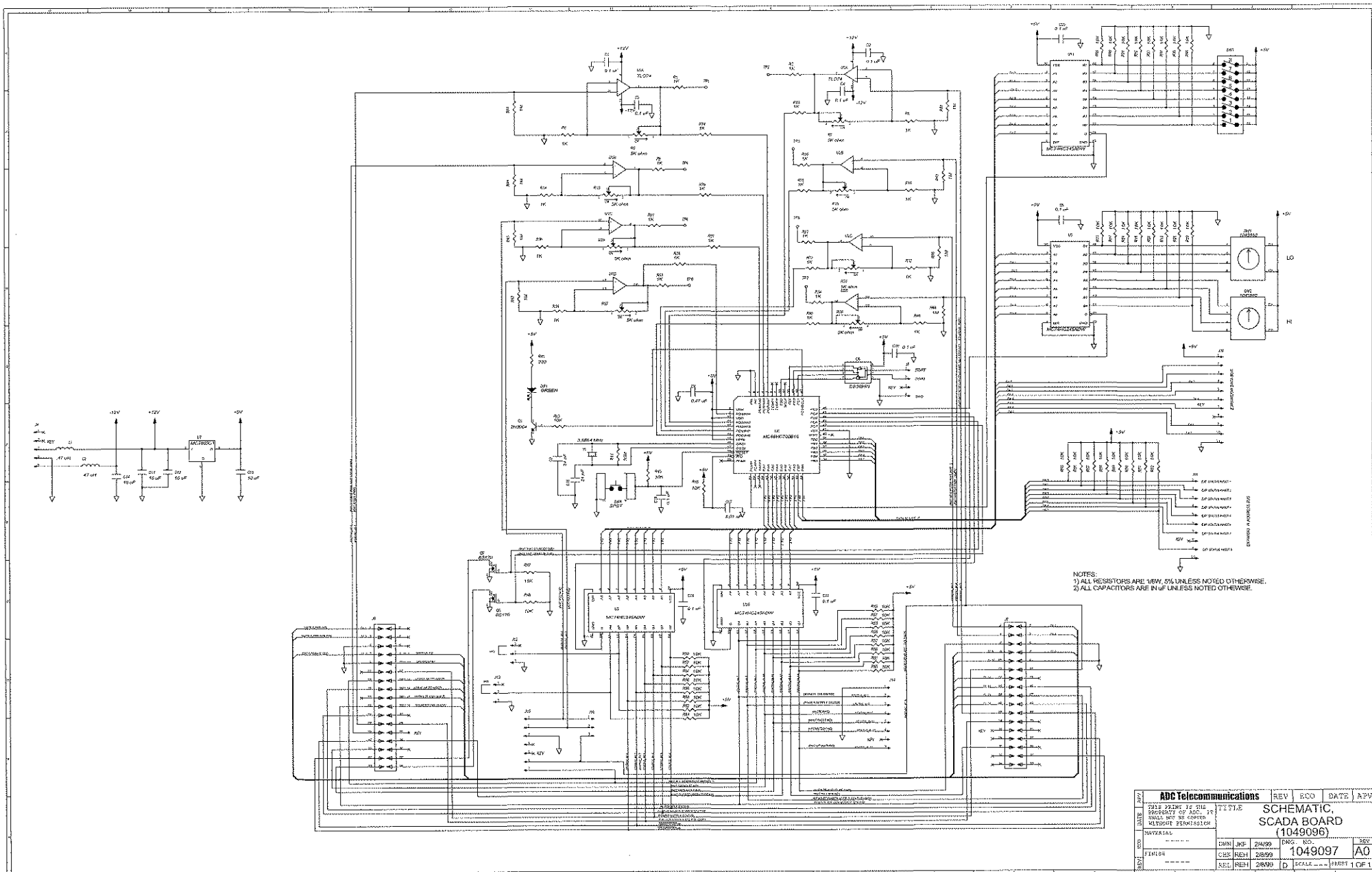
JTS CORPORATION				REV	EDN	DATE	APV
THIS PRINT IS THE PROPERTY OF JTS CORP. IT SHALL NOT BE COPIED WITHOUT PERMISSION.				TITLE			
				SCH, 10W/50W			
				7 SECT BIAS PROTECTION BD.			
				(1555-1213)			
				DWG. NO.	1555-3213	REV	4
				DATE	1/15/96	SCALE	1 OF 1
				MATERIAL			
				FINISH			



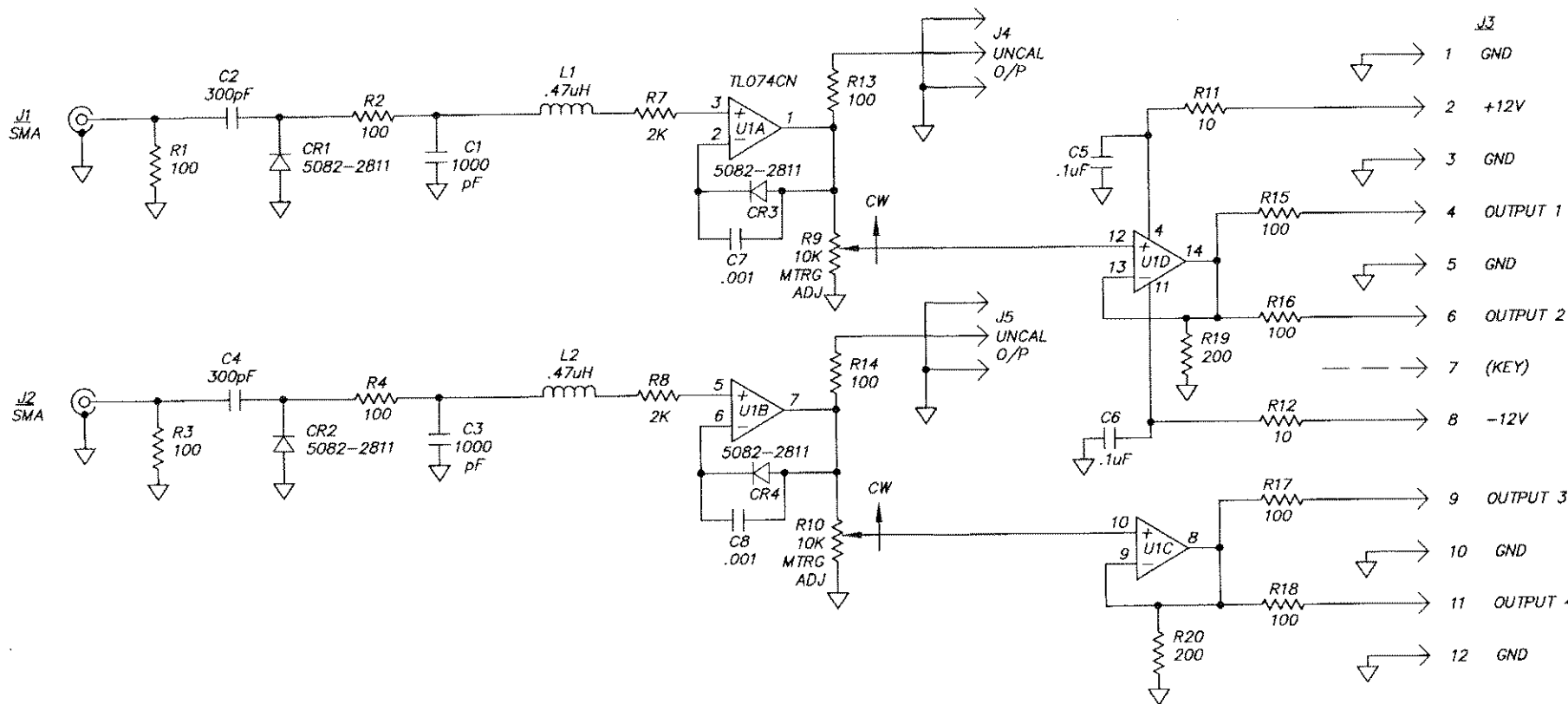
NOTE:
 211 CONSISTS OF 2 ADJACENT 17 PIN BNC HEADERS OF
 THIS TOTAL ONE ROW OF PINS IS ODD NUMBERED 1-32, THE
 OTHER IS EVEN NUMBERED 3-34.

- ALL**
- 1.) XMTR INTERLOCK
 - 2.) NO CONNECT
 - 3.) XMTR INTERLOCK RTN
 - 4.) NO CONNECT
 - 5.) GROUND
 - 6.) NO CONNECT
 - 7.) EXT. OPERATE CMB BY C/P
 - 8.) OPERATE IND. C/P
 - 9.) GROUND
 - 10.) ASS'T STANDBY C/P
 - 11.) NO CONNECT
 - 12.) RS FAULT C/P
 - 13.) EXT. REF. PRES. C/P
 - 14.) TASTE (AGLS) C/P
 - 15.) IF PRES. FAULT
 - 16.) NO CONNECT
 - 17.) NO CONNECT
 - 18.) OPERATE (AGLS)
 - 19.) Q3'S TASTE STATUS C/P
 - 20.) STANDBY (AGLS)
 - 21.) UPS FAULT C/P
 - 22.) NO CONNECT
 - 23.) NO CONNECT
 - 24.) NO CONNECT
 - 25.) RMT. FORWARD POWER OUT
 - 26.) NO CONNECT
 - 27.) NO CONNECT
 - 28.) REMOTE EXTERTEMP C/P
 - 29.) REMOTE TEMPERATURE C/P
 - 30.) NO CONNECT
 - 31.) NO CONNECT
 - 32.) REMOTE STANDBY
 - 33.) RMT. TOW. OFF FAULT C/P
 - 34.) REMOTE OPERATE

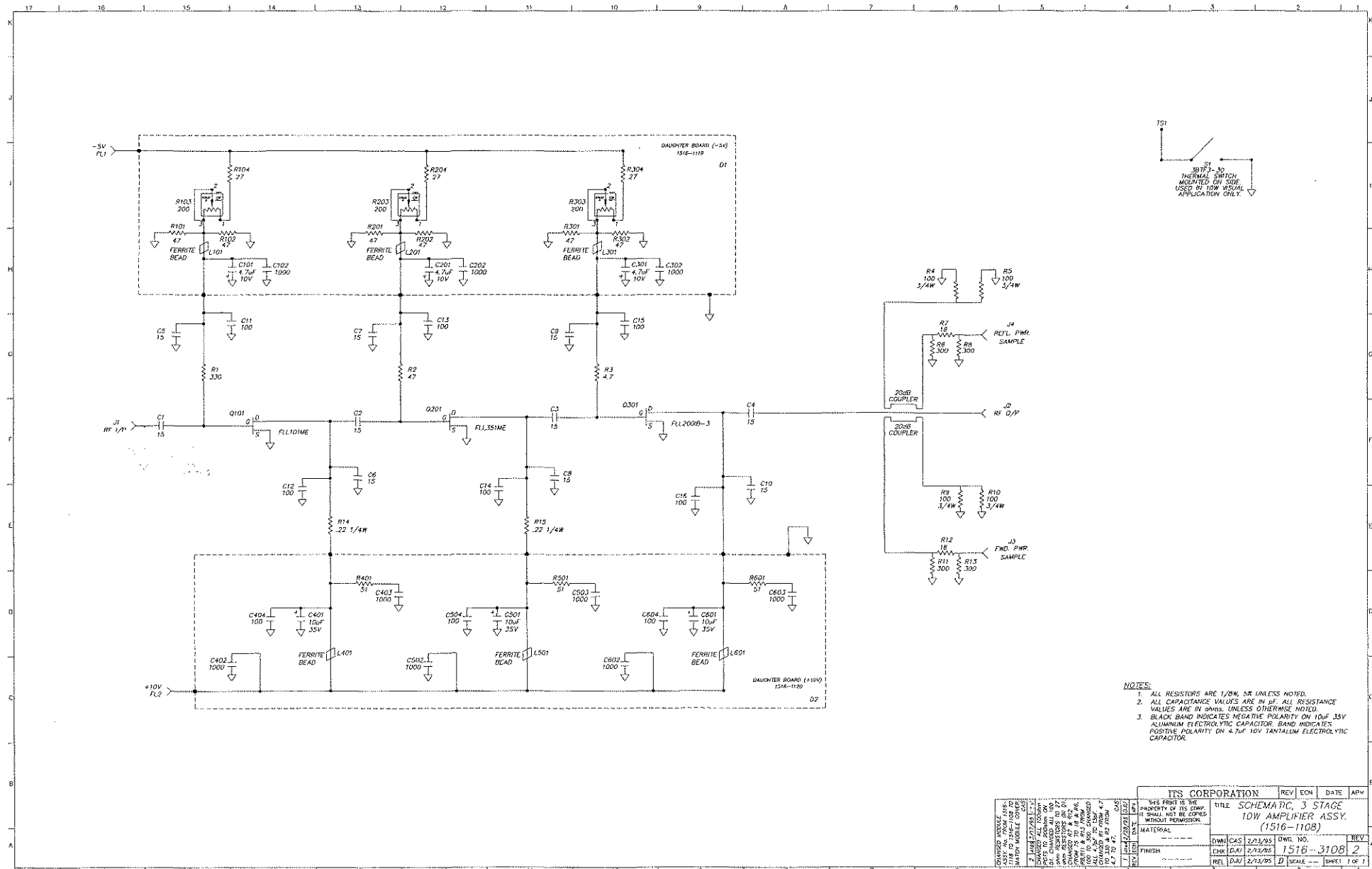
ITS CORPORATION		REV	ECN	DATE	APV
THIS DRAWING IS THE PROPERTY OF ITS CORP. IT SHALL NOT BE COPIED OR REPRODUCED IN ANY MANNER WITHOUT PERMISSION.		TITLE SCH. TRANSMITTER CONTROL BOARD. (1527-1215)			
MATERIAL	DWG. NO.	8/19/96	DWG. NO.	1527-3215	0
FINISH	CHK.	JCM	8/20/96	REL.	JCM
REL.	JCM	8/20/96	D	SCALE	SHEET 1 OF 1



ADC Telecommunications				REV	ECO	DATE	APV
THIS PRINT IS THE PROPERTY OF ADC. IT SHALL NOT BE COPIED, REPRODUCED, OR USED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF ADC.				TITLE			
DATE	MATERIAL			SCHEMATIC, SCADA BOARD (1049096)			
REV	-----	CHECK	DATE	DRG. NO.	REV		
		CHK	2/4/99	1049097	A0		
FINISH	-----	CHK	2/8/99				
REV	-----	REL	2/8/99	D	SCALE	SHEET 1 OF 1	



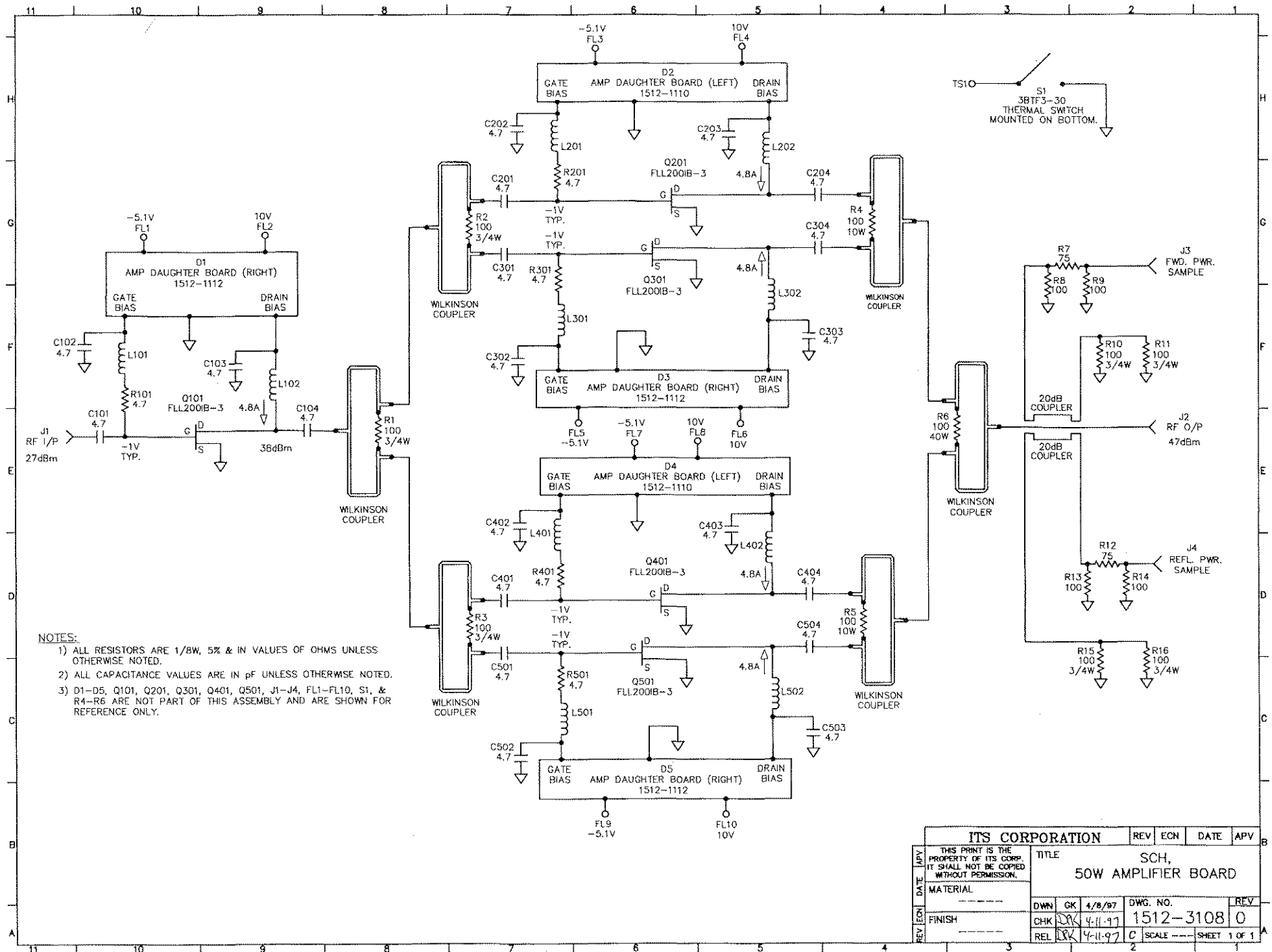
ITS CORPORATION				REV	ECN	DATE	APV
THIS PRINT IS THE PROPERTY OF ITS CORP. IT SHALL NOT BE COPIED WITHOUT PERMISSION.				TITLE			
				SCHEMATIC - DUAL PEAK DETECTOR (1555-1264)			
MATERIAL				DWN	DLM	2/27/96	DWG. NO.
FINISH				CHK	DPK	2/28/96	1555-3264
				REL	DPK	2/28/96	B SCALE --- SHEET 1 OF 1



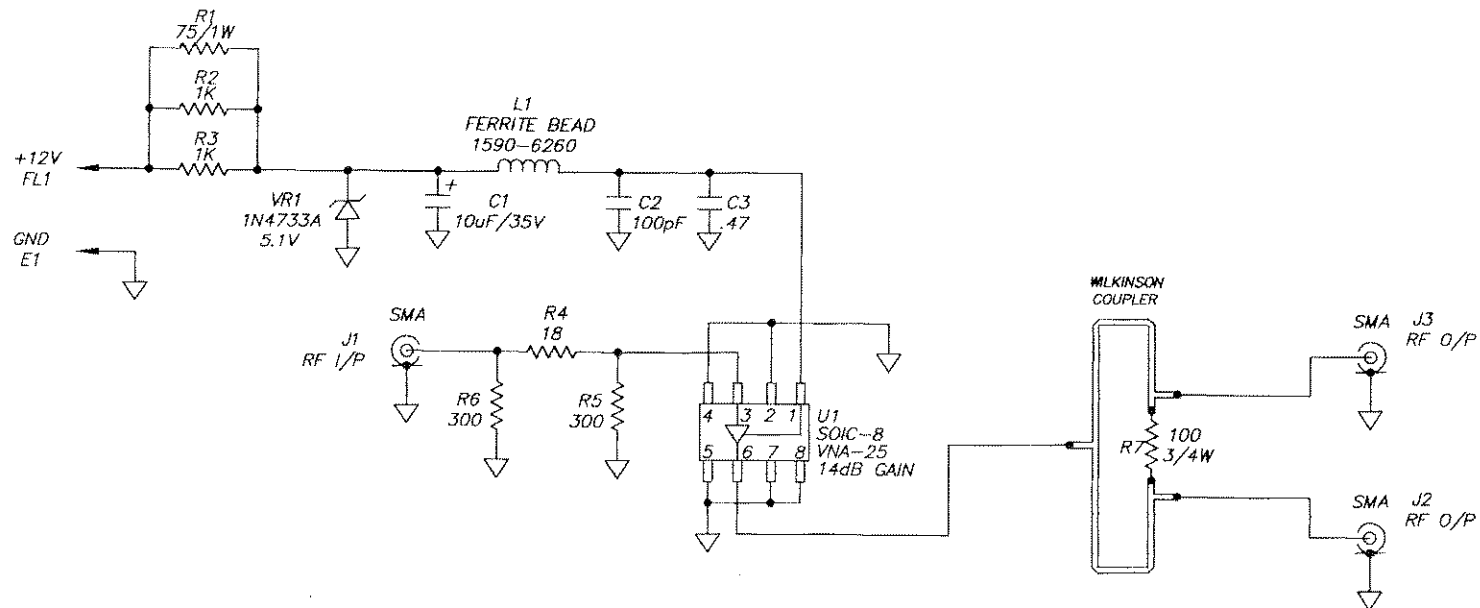
NOTES:

- ALL RESISTORS ARE 1/8W, 5% UNLESS NOTED.
- ALL CAPACITANCE VALUES ARE IN pF. ALL RESISTANCE VALUES ARE IN OHMS, UNLESS OTHERWISE NOTED.
- BLACK BAND INDICATES NEGATIVE POLARITY ON 10uF 35V ALUMINUM ELECTROLYTIC CAPACITOR. BAND INDICATES POSITIVE POLARITY ON 4.7uF 10V TANTALUM ELECTROLYTIC CAPACITOR.

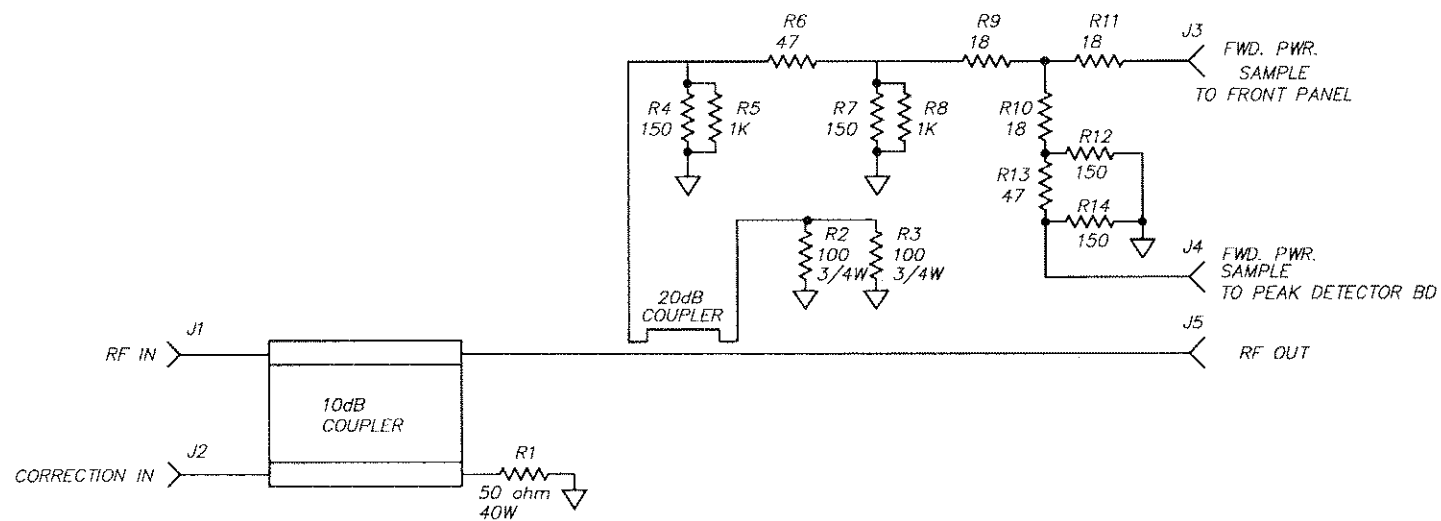
ITS CORPORATION				REV	EDN	DATE	APV
TITLE				SCHEMATIC, 3 STAGE			
				10W AMPLIFIER ASSY.			
				(1516-1108)			
MATERIAL				DWG. NO.	REV		
				1516-1108	2		
FINISH				SCALE	1 OF 1		
				1			



ITS CORPORATION		REV	ECN	DATE	APV
THIS PRINT IS THE PROPERTY OF ITS CORP. IT SHALL NOT BE COPIED WITHOUT PERMISSION.		TITLE SCH, 50W AMPLIFIER BOARD			
REV	DATE	DWN	GK	4/8/97	DWG. NO. 1512-3108
FINISH	CHK	REL	4/11/97	0	REV
MATERIAL		SCALE		SHEET 1 OF 1	



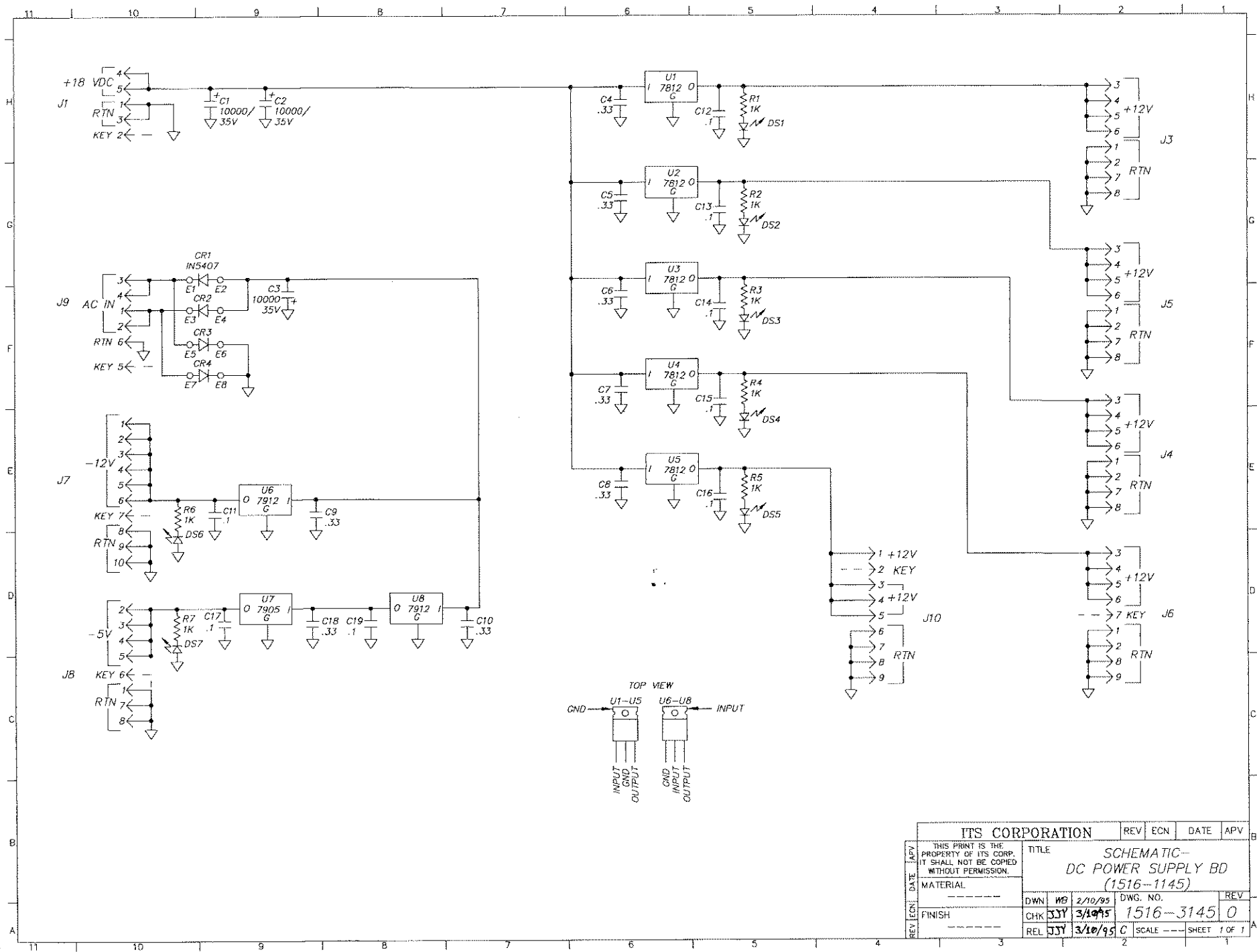
ITS CORPORATION				REV	ECN	DATE	APV	
APV	THIS PRINT IS THE PROPERTY OF ITS CORP. IT SHALL NOT BE COPIED WITHOUT PERMISSION.			TITLE SCH, L.O. AMPLIFIER BD. 2.0 - 2.7 GHz (1557-1212)				
DATE	MATERIAL							
ECN	FINISH			DWN	SL	1/30/96	DWG. NO.	REV
REV				CHK	DWB	2-1-96	1557-3212	0
				REL	DWB	2-1-96	B SCALE----	SHEET 1 OF 1



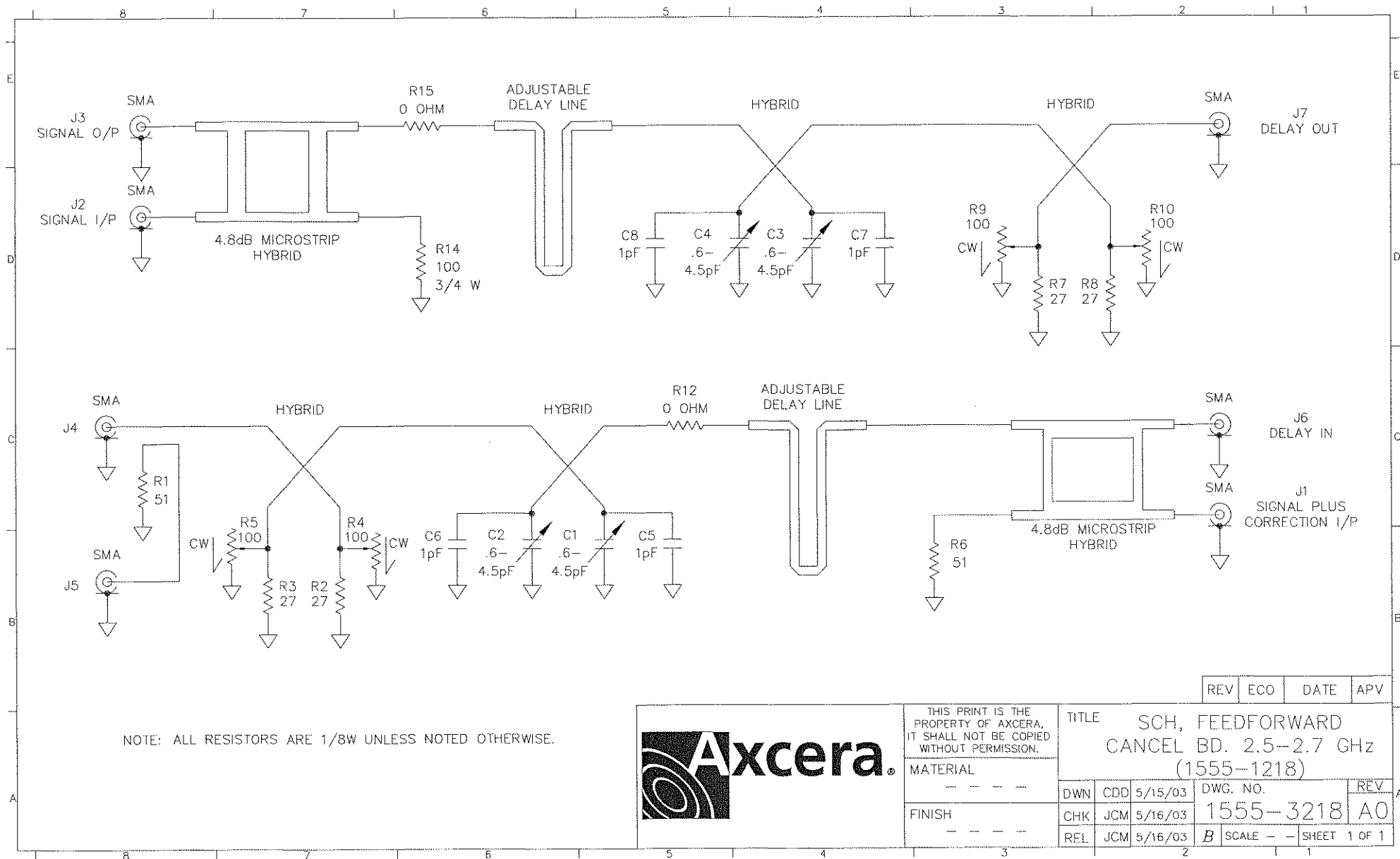
NOTE:

1) ALL RESISTORS ARE 1/8W
UNLESS OTHERWISE SPECIFIED

ITS CORPORATION				REV	ECN	DATE	APV
REV	ECN	DATE		TITLE			
	APV	DATE		THIS PRINT IS THE PROPERTY OF ITS CORP. IT SHALL NOT BE COPIED WITHOUT PERMISSION.			
	DATE	MATERIAL		SCH, 7dB FEEDFWD CORRECTION BD. 2.5-2.7GHz (1555-1247)			
	REV	FINISH		DWN SL 2/26/96 DWG. NO. 1555-3247			
REL		CHK		030 7/5/96		REV 0	
REL		REL		030 7/5/96		B SCALE --- SHEET 1 OF 1	



ITS CORPORATION		REV	ECN	DATE	APV
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MATERIAL		SCHEMATIC- DC POWER SUPPLY BD (1516-1145)			
FINISH		DWN	WB	2/10/95	DWG. NO.
		CHK	JY	3/10/95	1516-3145
		REL	JY	3/10/95	0
		SCALE		SHEET 1 OF 1	



REV	ECO	DATE	APV
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MATERIAL

FINISH

TITLE						SCH, FEEDFORWARD					
						CANCEL BD. 2.5-2.7 GHz					
						(1555-1218)					
DWN		CDD		5/15/03		DWG. NO.				REV	
CHK		JCM		5/16/03		1555-3218				A0	
REL		JCM		5/16/03		B		SCALE --		SHEET 1 OF 1	