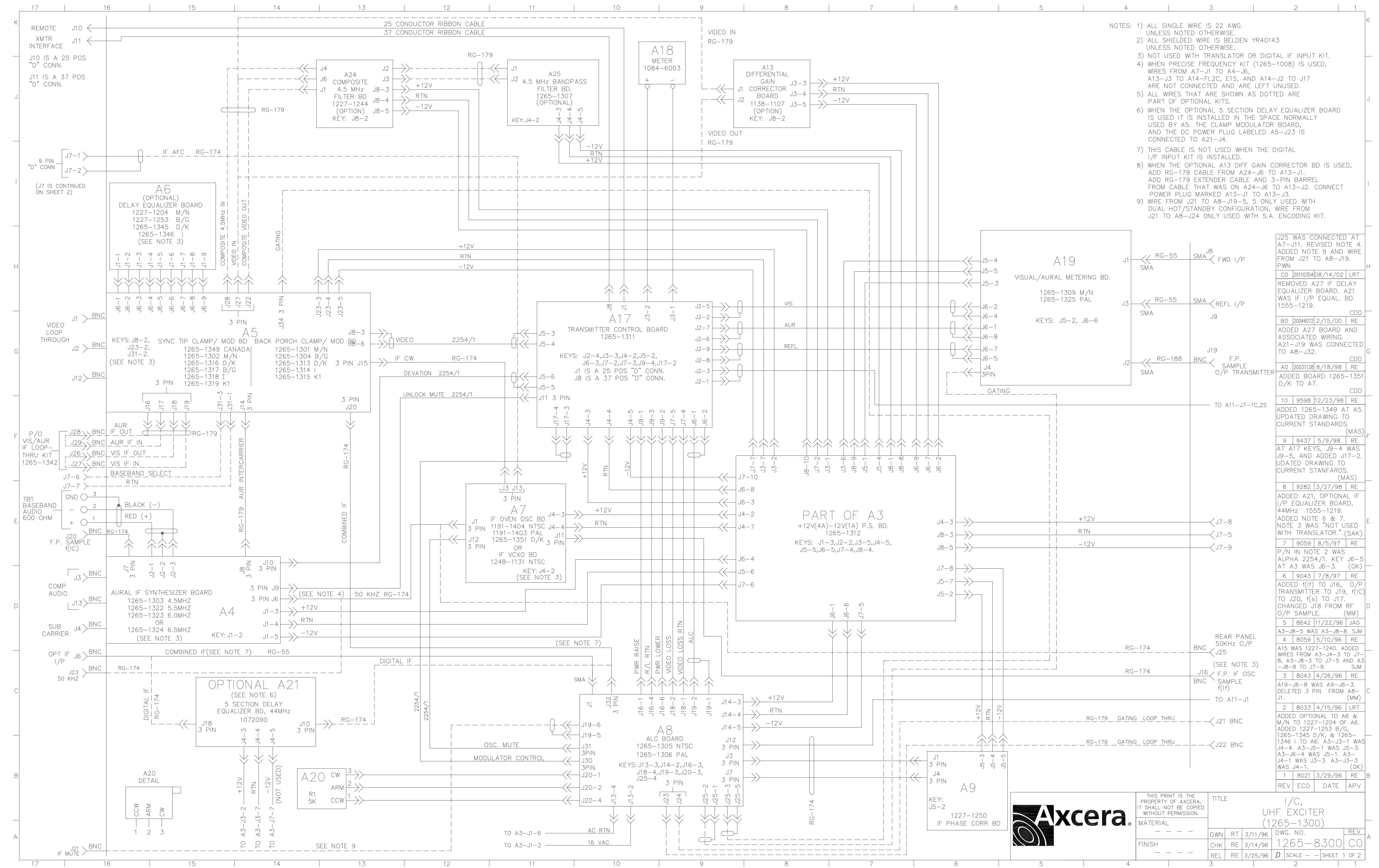
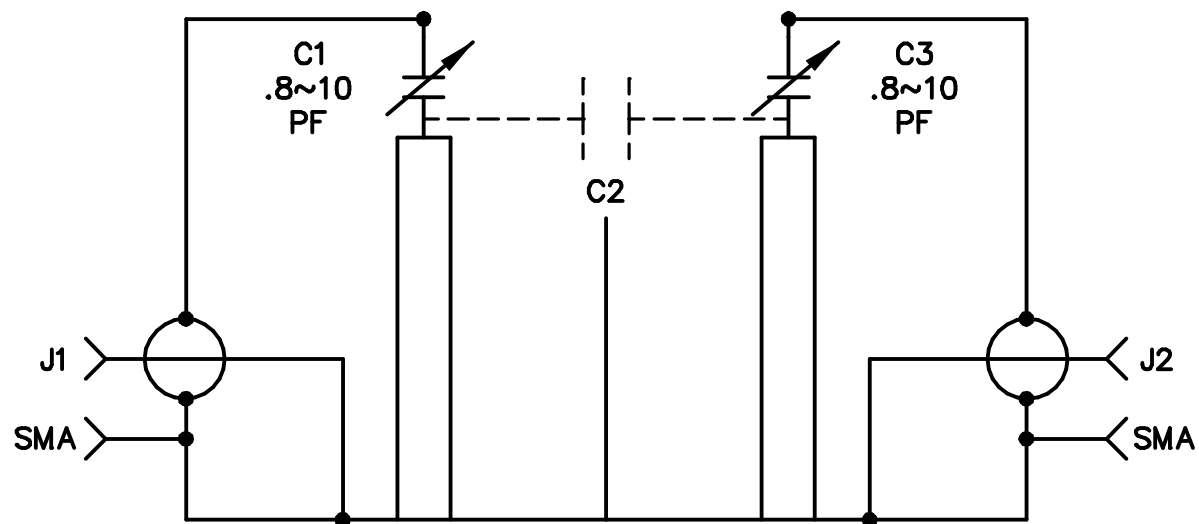
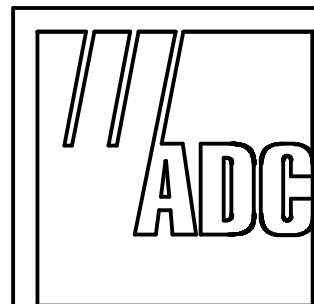






NOTE: C2 IS STRAY CAPACITANCE
BETWEEN LINE SECTIONS.

REV	ECO	DATE	APV
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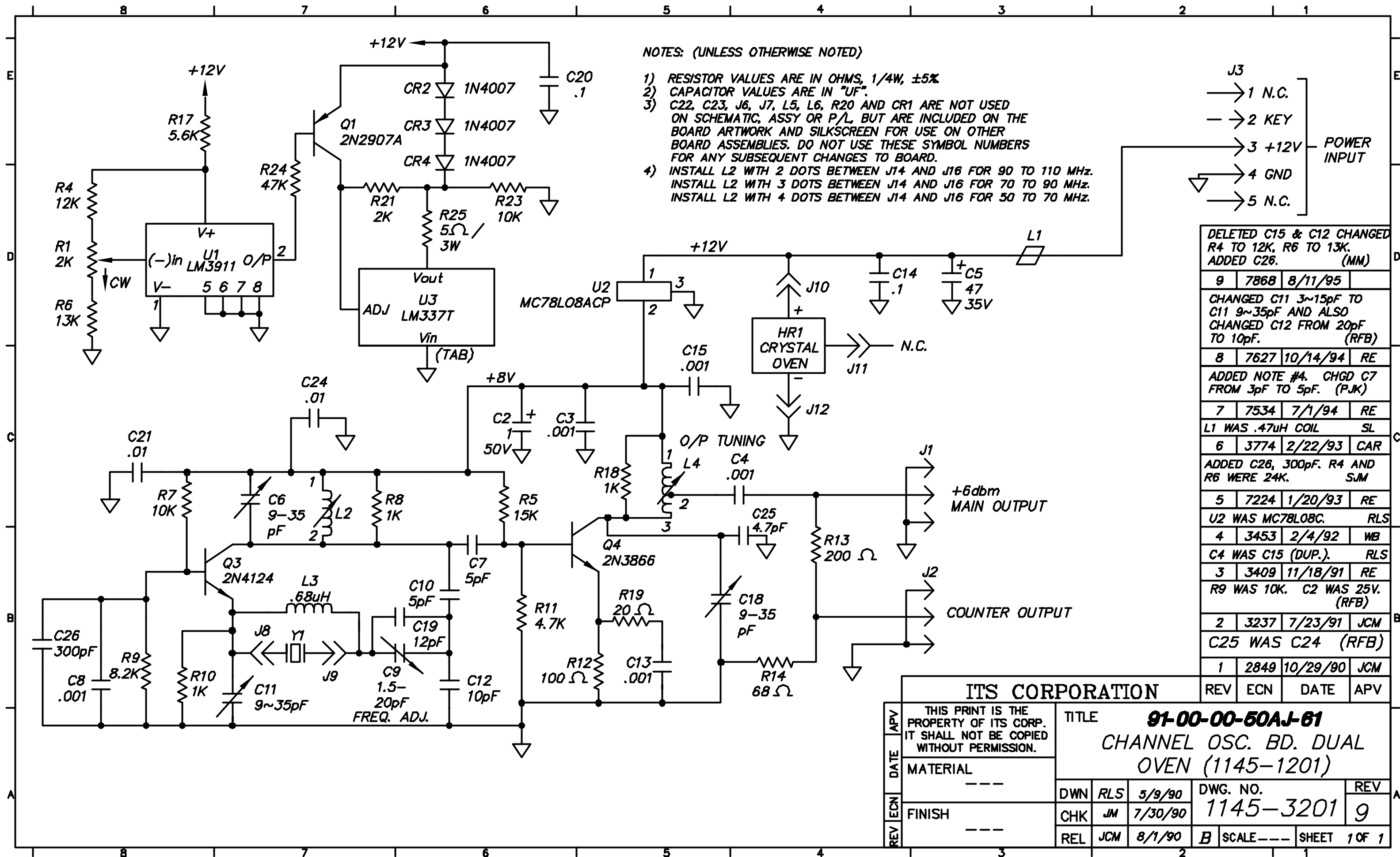
MATERIAL

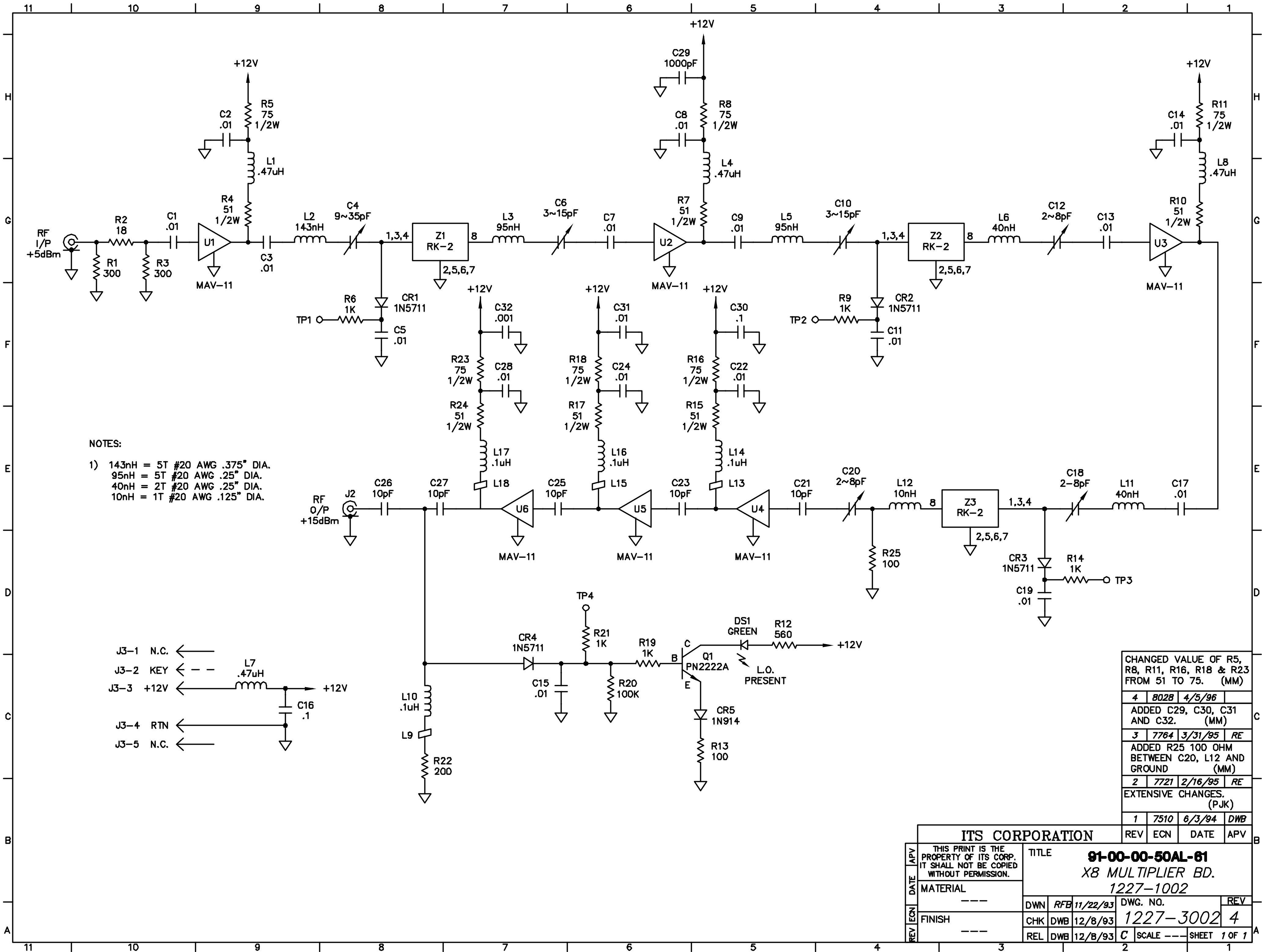
FINISH

TITLE

91-00-00-50Z-61
UHF FILTER

DWN	DD	9/13/83	DWG. NO.	REV
CHK	RWZ	9/13/83	1007-3101	0
REL	RWZ	7/20/90	A SCALE ---	SHEET 1 OF 1





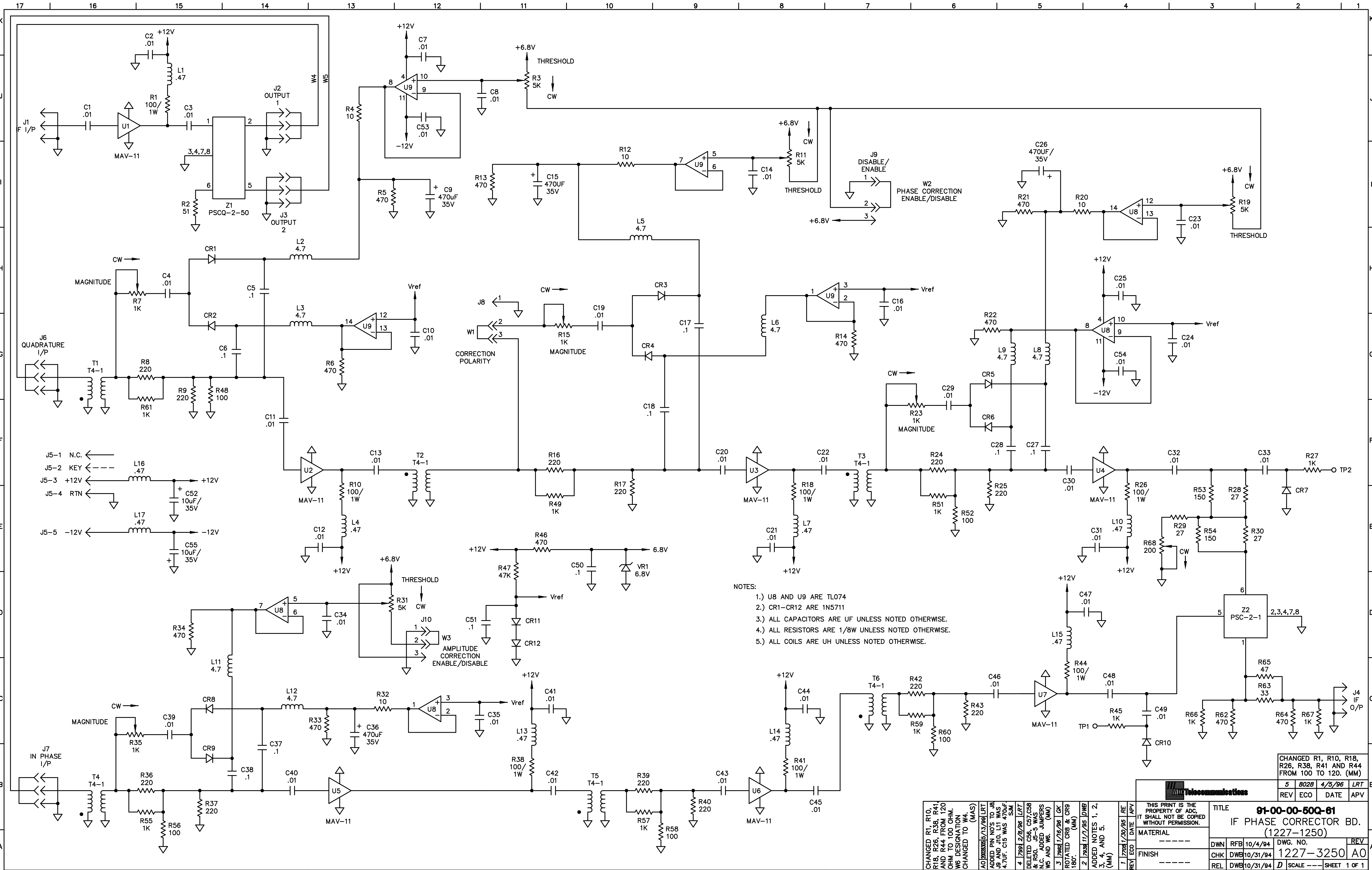
NOTES:
1) 143nH = 5T #20 AWG .375" DIA.
95nH = 5T #20 AWG .25" DIA.
40nH = 2T #20 AWG .25" DIA.
10nH = 1T #20 AWG .125" DIA.

J3-1 N.C. ←
J3-2 KEY ← --
J3-3 +12V ←
J3-4 RTN ←
J3-5 N.C. ←

CHANGED VALUE OF R5, R8, R11, R16, R18 & R23 FROM 51 TO 75. (MM)			
4	8028	4/5/96	
ADDED C29, C30, C31 AND C32. (MM)			
3	7764	3/31/95	RE
ADDED R25 100 OHM BETWEEN C20, L12 AND GROUND (MM)			
2	7721	2/16/95	RE
EXTENSIVE CHANGES. (PJK)			
1	7510	6/3/94	DWB

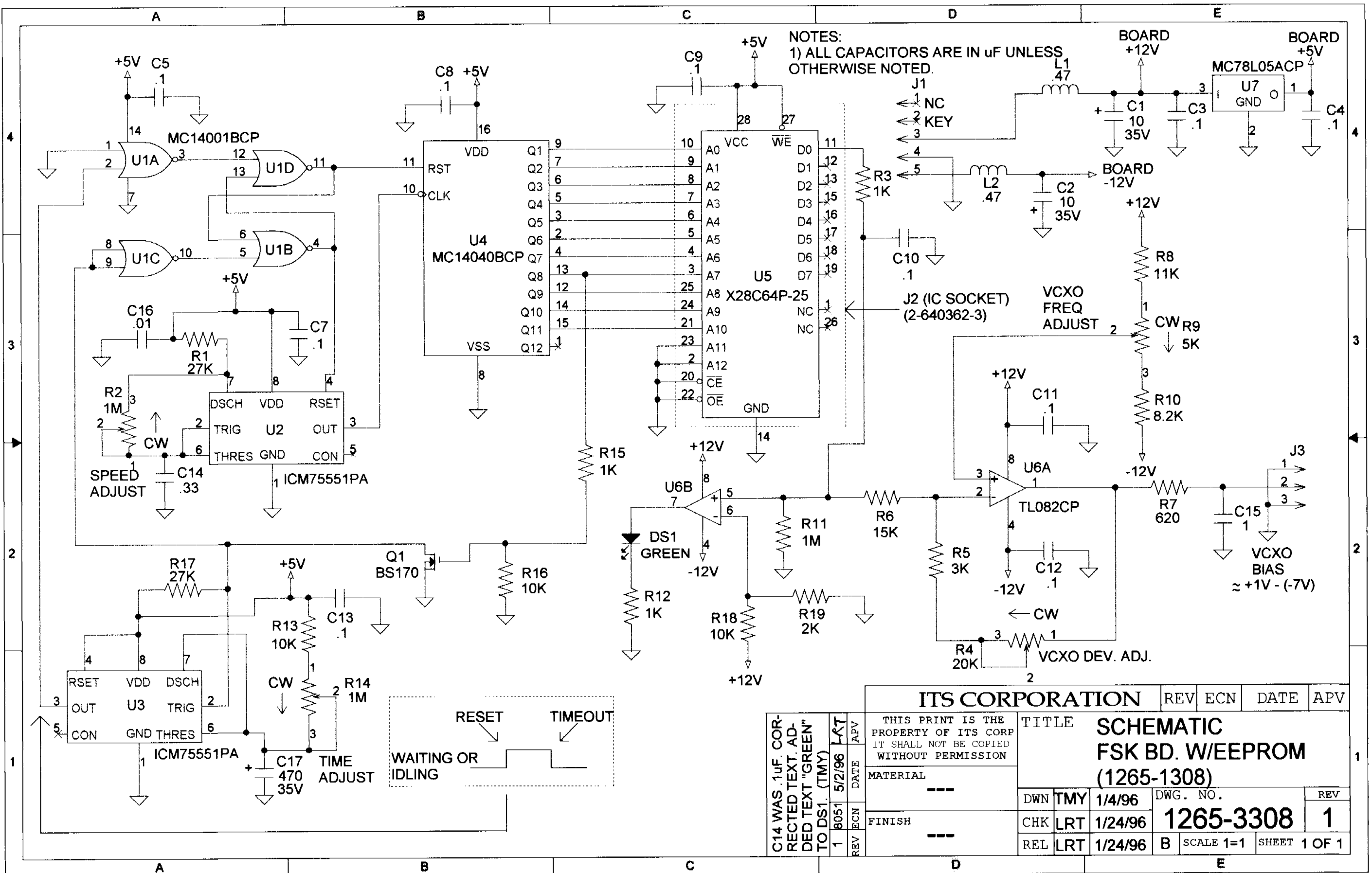
ITS CORPORATION			
REV	ECN	DATE	APV
1	7510	6/3/94	DWB
2	7721	2/16/95	RE
3	7764	3/31/95	RE
4	8028	4/5/96	

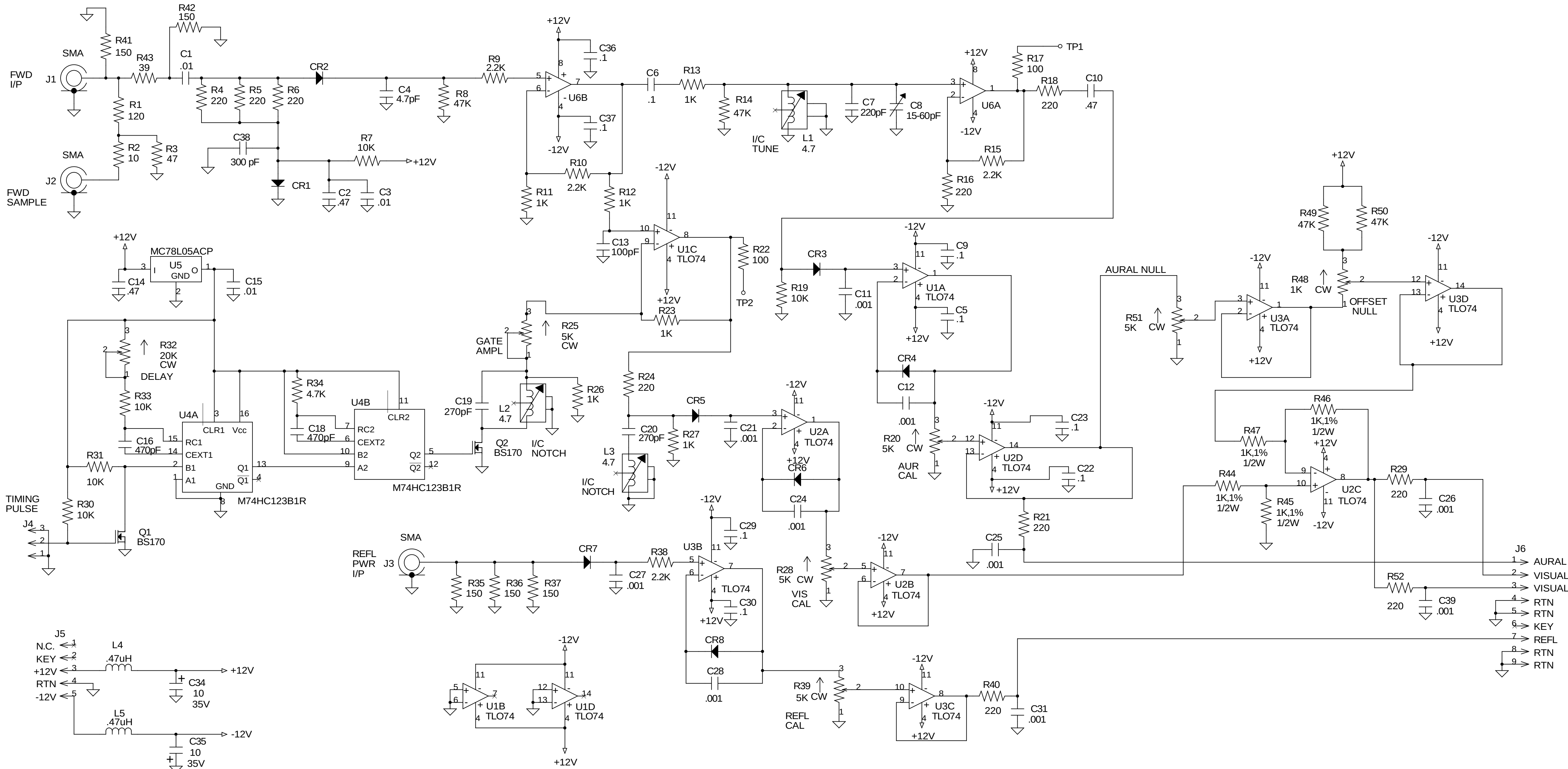
THIS PRINT IS THE PROPERTY OF ITS CORP. IT SHALL NOT BE COPIED WITHOUT PERMISSION.		TITLE	
MATERIAL		91-00-00-50AL-61	
FINISH		X8 MULTIPLIER BD.	
		1227-1002	
		1227-3002	
		4	
		1 OF 1	



- NOTES:
- 1.) U8 AND U9 ARE TL074
 - 2.) CR1-CR12 ARE 1N5711
 - 3.) ALL CAPACITORS ARE UF UNLESS NOTED OTHERWISE.
 - 4.) ALL RESISTORS ARE 1/8W UNLESS NOTED OTHERWISE.
 - 5.) ALL COILS ARE UH UNLESS NOTED OTHERWISE.

CHANGED R1, R10, R18, R26, R38, R41 AND R44 FROM 100 TO 120. (MM)		CHANGED R1, R10, R18, R26, R38, R41 AND R44 FROM 100 TO 120. (MM)	
4 17991 2/9/96 LRT		4 17991 2/9/96 LRT	
DELETED C56, C57, C58 & R50. J5-5 WAS N.C. ADDED JUMPERS W6 AND W6. (MM)		DELETED C56, C57, C58 & R50. J5-5 WAS N.C. ADDED JUMPERS W6 AND W6. (MM)	
3 17991 1/16/96 LK		3 17991 1/16/96 LK	
ROTATED CR8 & CR9 180°. (MM)		ROTATED CR8 & CR9 180°. (MM)	
2 17991 1/17/95 DWB		2 17991 1/17/95 DWB	
ADDED NOTES 1, 2, 3, 4, AND 5. (MM)		ADDED NOTES 1, 2, 3, 4, AND 5. (MM)	
1 17769 1/30/95 RE		1 17769 1/30/95 RE	
REV ECO DATE APV		REV ECO DATE APV	
THIS PRINT IS THE PROPERTY OF ADG. IT SHALL NOT BE COPIED WITHOUT PERMISSION.		THIS PRINT IS THE PROPERTY OF ADG. IT SHALL NOT BE COPIED WITHOUT PERMISSION.	
MATERIAL		MATERIAL	
FINISH		FINISH	
TITLE		TITLE	
91-00-00-50Q-61		91-00-00-50Q-61	
IF PHASE CORRECTOR BD. (1227-1250)		IF PHASE CORRECTOR BD. (1227-1250)	
DWN RFB 10/4/94		DWN RFB 10/4/94	
CHK DWB 10/31/94		CHK DWB 10/31/94	
REL DWB 10/31/94		REL DWB 10/31/94	
DWG. NO.		DWG. NO.	
1227-3250		1227-3250	
REV		REV	
A0		A0	
SCALE		SCALE	
SHEET 1 OF 1		SHEET 1 OF 1	

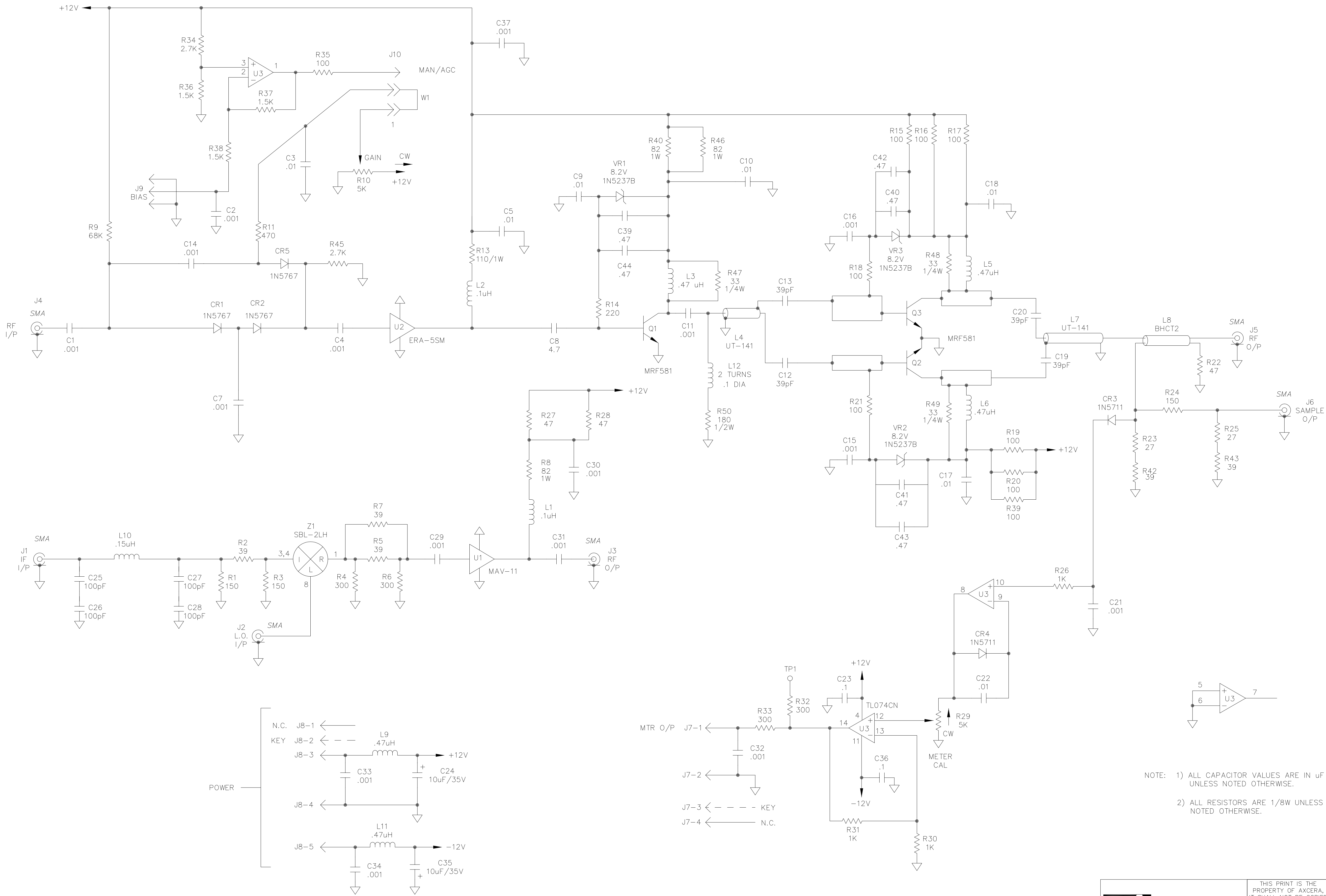




NOTES:
1) ALL RESISTORS ARE 1/8 WATT UNLESS NOTED OTHERWISE.
2) ALL CAPACITORS ARE uF UNLESS NOTED OTHERW SE.
3) ALL INDUCTORS ARE uH UNLESS NOTED OTHE RWISE.
4) ALL DIODES ARE 5082-2811 UNLESS NOTED OTHERWISE.
5) ALL TRANSISTORS ARE BS170 UNLESS NOTED OTHERW1 SE.
6) U6 IS HA50231B OR LT12 29CS8.

ADDED R52 AND C39. (PJK)			
A0	20092325	5/31/01	LRT
R8 WAS 4.7K. (TMY)			
5	8470	9/30/96	LRT
R7 WAS 100K. (PJK)			
4	8408	9/9/96	JAG
ADDED R41 - R51 & C38. R13 WAS 10K, R19 WAS 2.2K, R7 WAS 10K. CHGD U1A TO U6B. CHGD U1D TO U1A. ADDED CIRCUIT TO U2B & U2D. ENLARGED TO "D" SIZE DWG. (TMY)			
3	8052	7/16/96	JAG
C7 WAS 160pF. J6 WAS A 7 PIN CONNECTOR. (PJK)			
2	8026	4/2/96	LRT
ADDED U6, C36, C37. ADDED NOTE #6. U5 WAS M78L05ACN. L5 WAS CONNECTED TO J5-1. U6A WAS U1A. 1A WAS U1B. U2D WAS U2A. U2A WAS U2B. U2B WAS U3D. (FJK)			
1	7999	3/4/96	LRT

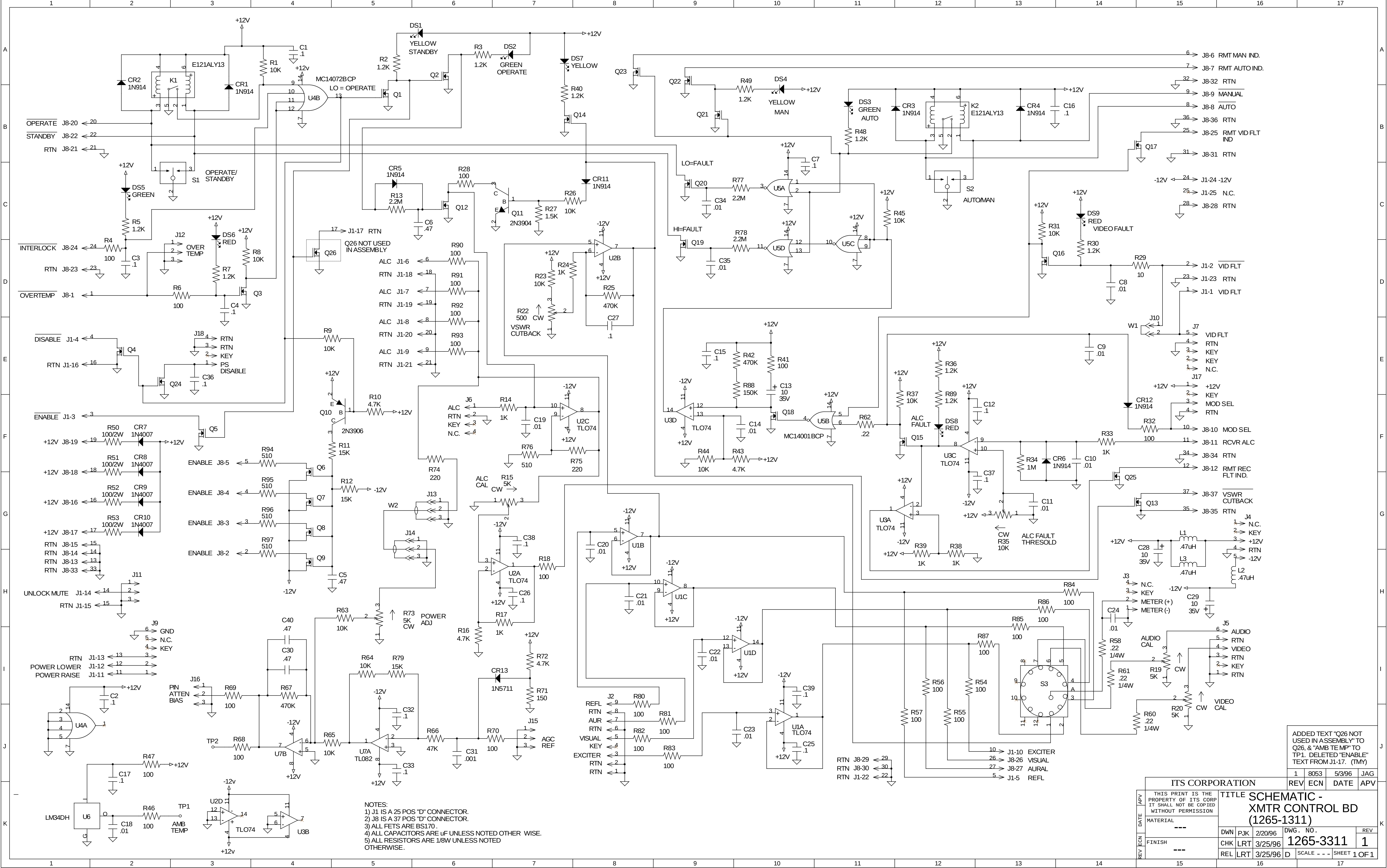
APV	ADC Telecommunications			REV	ECO	DATE	APV
DATE	THIS PRINT IS THE PROPERTY OF ADC. IT SHALL NOT BE COPIED WITHOUT PERMISSION			TITLE 91-00-00-50AC-61 SCH., VIS/AURAL MTRNG BD (1265-1309)			
ECO	MATERIAL -----			DWN	PJK	12/21/95	DWG. NO.
REV	FINISH -----			CHK	DWB	1/3/96	1265-3309
				REL	DWB	1/3/96	D
						SCALE - - -	SHEET 1 OF 1



REMOVE R12 AND R44. CHANGE R13 FROM 82 OHMS TO 110 OHMS. CHANGE U2 FROM MAV-11 TO ERA-5SM. PWN			
B0	20110428	09/16/02	LRT
ADDED C42-C44, L12, R47-R50. C39 - C41 WERE 1uF. REMOVED C6 FROM THE OUTPUT OF U2. C8 WAS 3pF. (PJK)			
A0	20028596	6/1/99	LRT
CHANGED C8 FROM 1.8-10pF TO 3pF. ADDED R46 AND DELETED C38. (RFB)			
4	9279	1/23/98	LTR
ADDED IT-5 CY30C105P CAP AT C39. C40 AND C41 IN PARALLEL WITH VR1, VR3 AND VR2. (MAS)			
3	8816	1/23/97	LRT
DELETED R41 AND ADDED C38. (RFB)			
2	8635	11/18/96	LRT
ADDED "SMA" TO J1-J3, J5, J6. ADDED "uH" TO L1. ADDED "KEY" TO J7-3. "N.C." TO J7-4. C8 WAS .8-10pF. (PJK)			
1	8035	4/11/96	LRT
REV	ECO	DATE	APV

NOTE: 1) ALL CAPACITOR VALUES ARE IN uF UNLESS NOTED OTHERWISE.
2) ALL RESISTORS ARE 1/8W UNLESS NOTED OTHERWISE.

	THIS PRINT IS THE PROPERTY OF AXCERA. IT SHALL NOT BE COPIED WITHOUT PERMISSION.		TITLE				91-00-00-50R-61					
							UHF UPCONVERTER BD.					
	MATERIAL											
	---		DWN		PJK		1/25/96		DWG. NO.		REV	
	FINISH		CHK		LRT		3/14/96		1265-3310		B0	
	---		REL		LRT		3/14/96		D		SCALE 1=1	
									SHEET		1 OF 1	

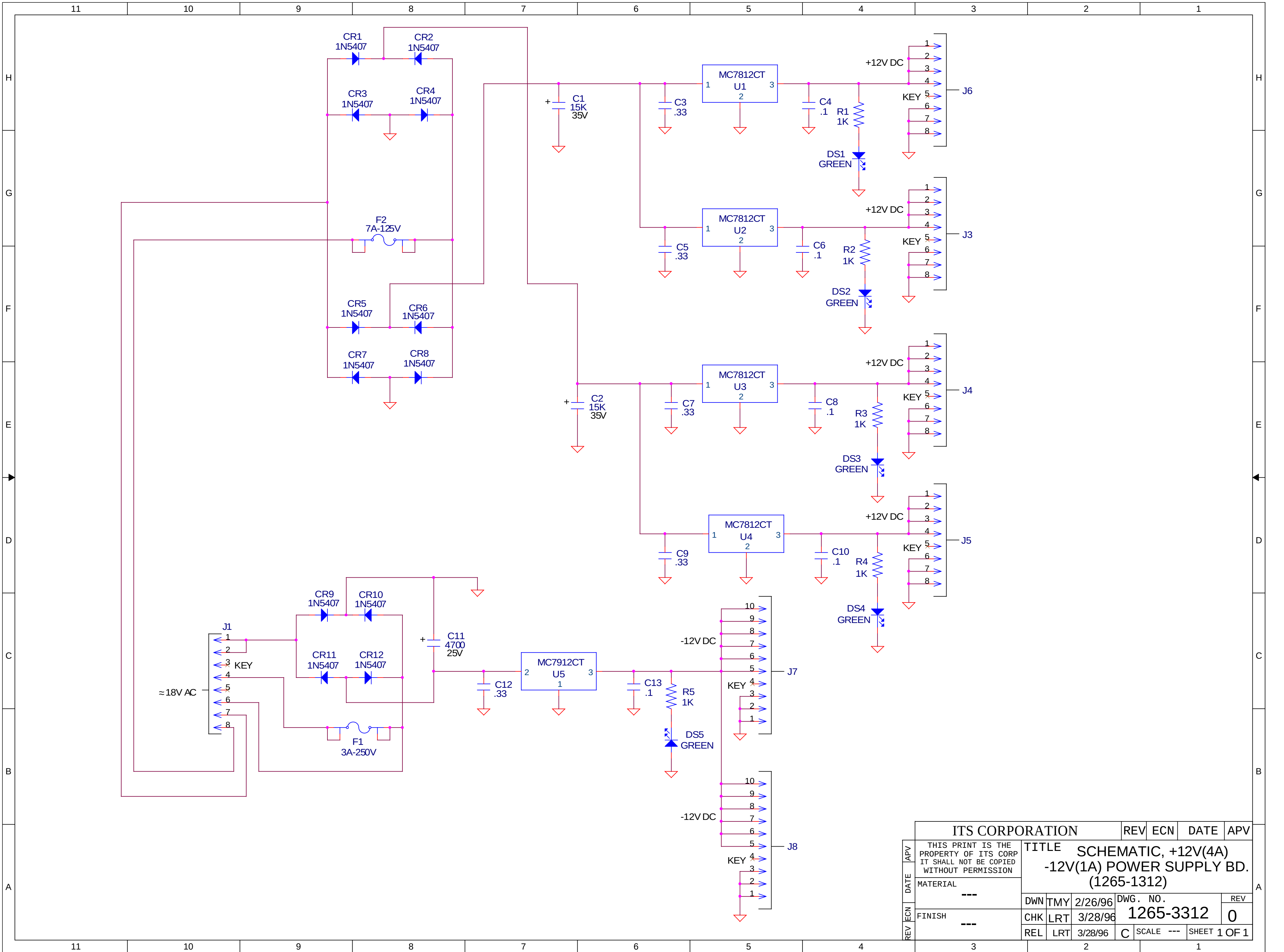


NOTES:
1) J1 IS A 25 POS "D" CONNECTOR.
2) J8 IS A 37 POS "D" CONNECTOR.
3) ALL FETS ARE BS170.
4) ALL CAPACITORS ARE uF UNLESS NOTED OTHER WISE.
5) ALL RESISTORS ARE 1/8W UNLESS NOTED OTHERWISE.

ADDED TEXT "Q26 NOT USED IN ASSEMBLY" TO Q26, & "AMB TEMP" TO TP1. DELETED "ENABLE" TEXT FROM J1-17. (TMY)

ITS CORPORATION			
REV	ECN	DATE	APV
1	8053	5/3/96	JAG
TITLE SCHEMATIC - XMTR CONTROL BD (1265-1311)			
APV	DATE	MATERIAL	REV
---	---	---	---
FINISH	---	---	---
REV	ECN	DATE	APV
1	8053	5/3/96	JAG

DWN	PJK	2/20/96	DWG. NO.	REV
CHK	LRT	3/25/96	1265-3311	1
REL	LRT	3/25/96	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, +12V(4A) -12V(1A) POWER SUPPLY BD. (1265-1312)			
				MATERIAL ---			
FINISH ---				DWN	TMY	2/26/96	DWG. NO.
				CHK	LRT	3/28/96	1265-3312
				REL	LRT	3/28/96	C
				SCALE --- SHEET 1 OF 1			