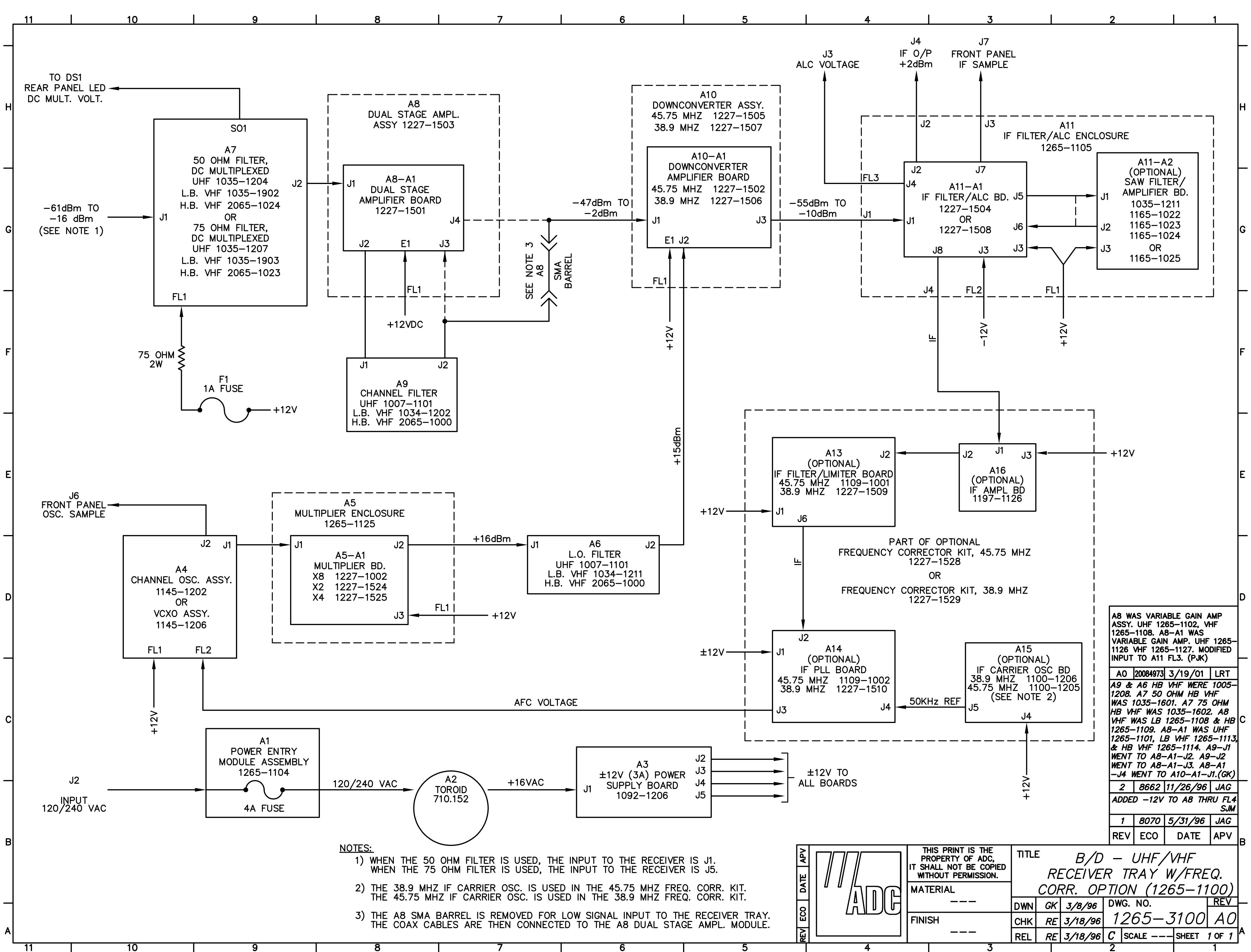




NOTES:

- 1) WHEN THE 50 OHM FILTER IS USED, THE INPUT TO THE RECEIVER IS J1.
WHEN THE 75 OHM FILTER IS USED, THE INPUT TO THE RECEIVER IS J5.
- 2) THE 38.9 MHZ IF CARRIER OSC. IS USED IN THE 45.75 MHZ FREQ. CORR. KIT.
THE 45.75 MHZ IF CARRIER OSC. IS USED IN THE 38.9 MHZ FREQ. CORR. KIT.
- 3) THE A8 SMA BARREL IS REMOVED FOR LOW SIGNAL INPUT TO THE RECEIVER TRAY.
THE COAX CABLES ARE THEN CONNECTED TO THE A8 DUAL STAGE AMPL. MODULE.

REV
ECO
DATE
APV

ADG

THIS PRINT IS THE PROPERTY OF ADC, IT SHALL NOT BE COPIED WITHOUT PERMISSION.
MATERIAL ---
FINISH ---

TITLE
B/D - UHF/VHF
RECEIVER TRAY W/FREQ.
CORR. OPTION (1265-1100)

DWN
CHK
REL

GK
RE
RE

3/8/96
3/18/96
3/18/96

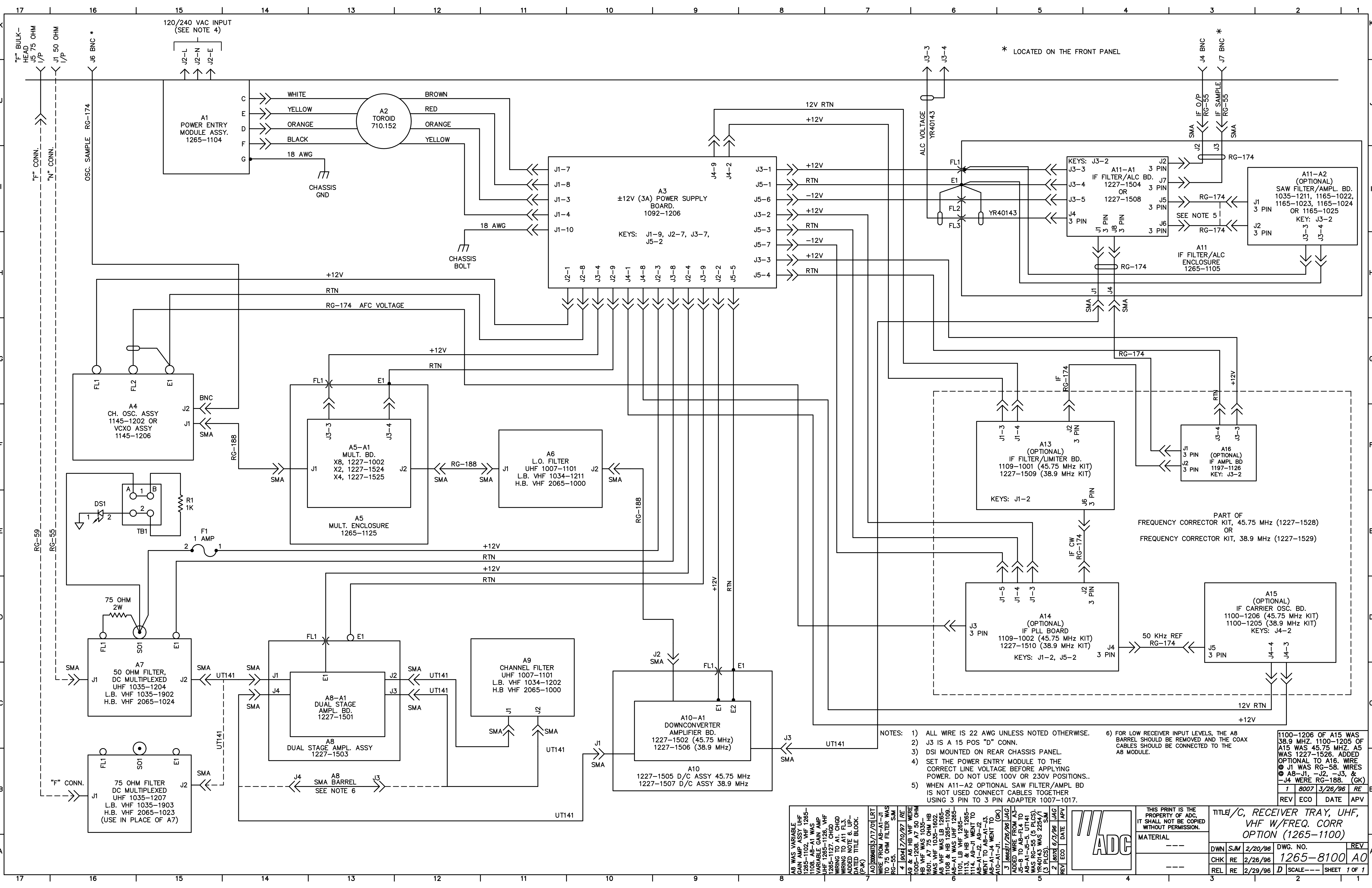
DWG. NO.
1265-3100

REV
A0

SCALE ---

SHEET 1 OF 1

A8 WAS VARIABLE GAIN AMP ASSY. UHF 1265-1102, VHF 1265-1108. A8-A1 WAS VARIABLE GAIN AMP. UHF 1265-1126 VHF 1265-1127. MODIFIED INPUT TO A11 FL3. (PJK)			
AO	20084973	3/19/01	LRT
A9 & A6 HB VHF WERE 1005-1208. A7 50 OHM HB VHF WAS 1035-1601. A7 75 OHM HB VHF WAS 1035-1602. A8 VHF WAS LB 1265-1108 & HB 1265-1109. A8-A1 WAS UHF 1265-1101, LB VHF 1265-1113, & HB VHF 1265-1114. A9-J1 WENT TO A8-A1-J2. A9-J2 WENT TO A8-A1-J3. A8-A1-J4 WENT TO A10-A1-J1.(GK)			
2	8662	11/26/96	JAG
ADDED -12V TO A8 THRU FL4 SUM			
1	8070	5/31/96	JAG
REV	ECO	DATE	APV



- NOTES:
- 1) ALL WIRE IS 22 AWG UNLESS NOTED OTHERWISE.
 - 2) J3 IS A 15 POS "D" CONN.
 - 3) DSI MOUNTED ON REAR CHASSIS PANEL.
 - 4) SET THE POWER ENTRY MODULE TO THE CORRECT LINE VOLTAGE BEFORE APPLYING POWER. DO NOT USE 100V OR 230V POSITIONS.
 - 5) WHEN A11-A2 OPTIONAL SAW FILTER/AMPL BD IS NOT USED CONNECT CABLES TOGETHER USING 3 PIN TO 3 PIN ADAPTER 1007-1017.
 - 6) FOR LOW RECEIVER INPUT LEVELS, THE A8 BARREL SHOULD BE REMOVED AND THE COAX CABLES SHOULD BE CONNECTED TO THE A8 MODULE.
- 1100-1206 OF A15 WAS 38.9 MHZ. 1100-1205 OF A15 WAS 45.75 MHZ. A5 WAS 1227-1526. ADDED OPTIONAL TO A16. WIRE A8-J1, -J2, -J3, & -J4 WERE RG-188. (GK)
- | | | | |
|-----|------|---------|-----|
| 1 | 8007 | 3/26/96 | RE |
| REV | ECO | DATE | APV |

ADG

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MATERIAL

TITLE/C, RECEIVER TRAY, UHF, VHF W/FREQ. CORR OPTION (1265-1100)

DWN	SJM	2/20/96	DWG. NO.	REV
CHK	RE	2/26/96	1265-8100	A0
REL	RE	2/29/96	D	SCALE----

REV	ECO	DATE	APV
1	8007	3/26/96	RE

A8 WAS VARIABLE GAIN AMP ASSY UHF 1265-1102, VHF 1285-1108. A8-A1 WAS VARIABLE GAIN AMP UHF 1265-1286, VHF 1285-1108. A8-A1 WAS UHF 1265-1108 & HB 1285-1109. A8-A1 WAS UHF 1265-1113 & HB VHF 1265-1114. A9-J1 WENT TO A8-A1-J2. A9-J2 WENT TO A8-A1-J3. A8-A1-J4 WENT TO A10-A1-J1. (GK)

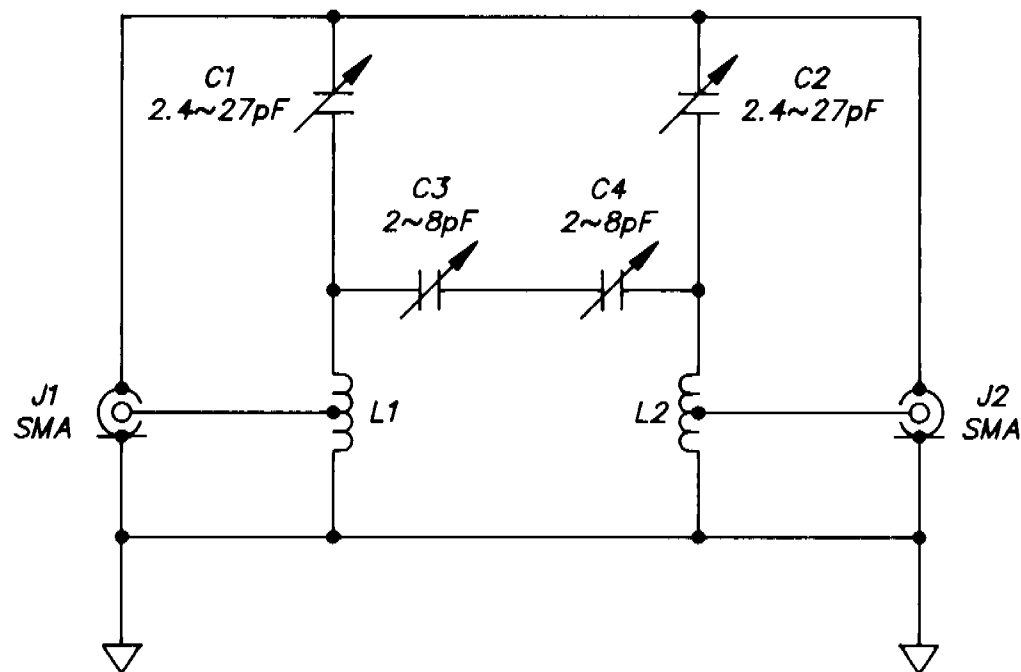
3 1862211/26/96 LAG
ADDED WIRE FROM A3-J5-B TO A8-FL4 TO A8-A1-J6-5. UT141 WAS RG-55 (5 PLS). WAS RG-55 (3 PLS) (3 PLS) WAS 22AWG.

4 180417/10/97 RE
A8 & A9 WERE WIRE 1005-1208 AT 50 OHM HB VHF WAS 1035-1601. A7 75 OHM HB WAS VHF 1035-1602. A8 VHF WAS LB 1265-1108 & HB 1285-1109. A8-A1 WAS UHF 1265-1113 & HB VHF 1265-1114. A9-J1 WENT TO A8-A1-J2. A9-J2 WENT TO A8-A1-J3. A8-A1-J4 WENT TO A10-A1-J1. (GK)

A0 100403/17/01 LRT
WIRE FROM A8-A1-J1 TO 75 OHM FILTER WAS RG-55. S.M.

5 180417/10/97 RE
A8 & A9 WERE WIRE 1005-1208 AT 50 OHM HB VHF WAS 1035-1601. A7 75 OHM HB WAS VHF 1035-1602. A8 VHF WAS LB 1265-1108 & HB 1285-1109. A8-A1 WAS UHF 1265-1113 & HB VHF 1265-1114. A9-J1 WENT TO A8-A1-J2. A9-J2 WENT TO A8-A1-J3. A8-A1-J4 WENT TO A10-A1-J1. (GK)

SHEET 1 OF 1

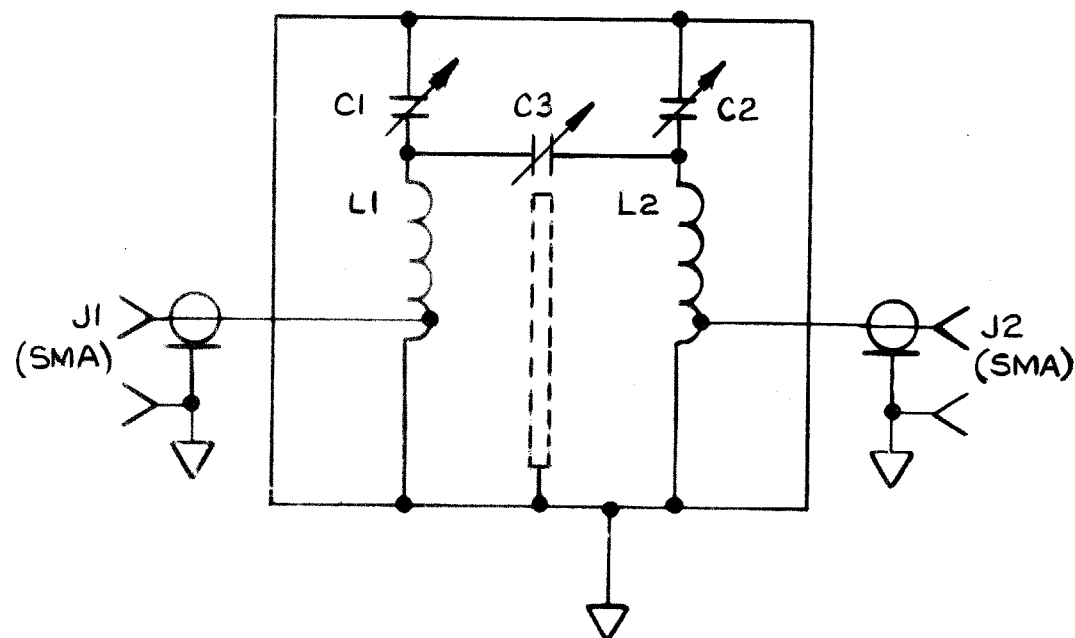


NOTE: C3 AND C4 ARE FREQUENCY
DEPENDENT; MAY BE REMOVED
FOR HIGHEST CHANNEL.

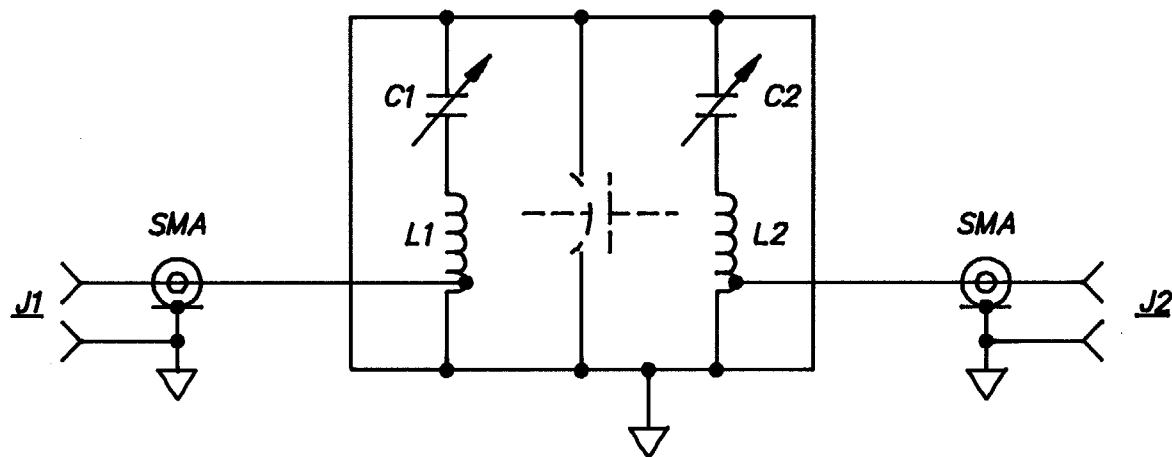
ITS CORPORATION				REV	ECN	DATE	APV
THIS PRINT IS THE PROPERTY OF ITS CORP. IT SHALL NOT BE COPIED WITHOUT PERMISSION.				TITLE SCHEMATIC - VHF FILTER (1005-1208)			
REV	ECN	DATE	APV	DWN	TM	6/13/85	DWG. NO.
				CHK	CAR	1/24/92	1005-3208
				REL	CAR	1/24/92	0
MATERIAL ---				SCALE ---			
FINISH ---				SHEET 1 OF 1			

DO NOT REVISE

C3	APPLICATIONS	C1, C2	L1, L2
	(CHANNEL HIGH BAND)		
.5 - 8 pf	1034-1302 (CHANNEL LOW BAND)	1-20 pf	10 TURNS

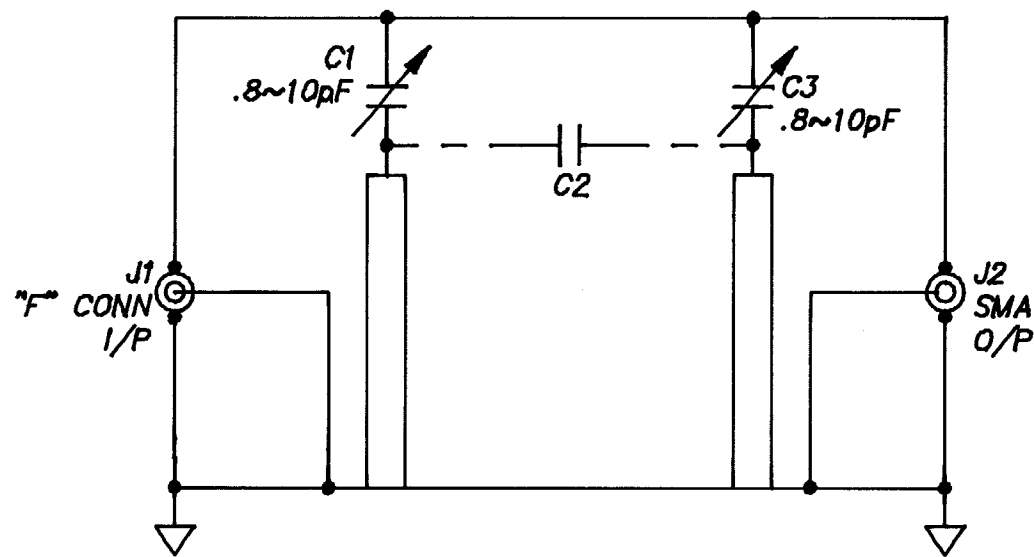


ECN	DATE	BY	DESCRIPTION	CK	REL
DWN	11/6/86	P. 118	SCHEMATIC, 2 SECTION UHF LOW BAND CH. FILTER (1034-1202)		
CKD					
REL					
INFORMATION TRANSMISSION SYSTEMS CORP.				A	1034-3202 REV P



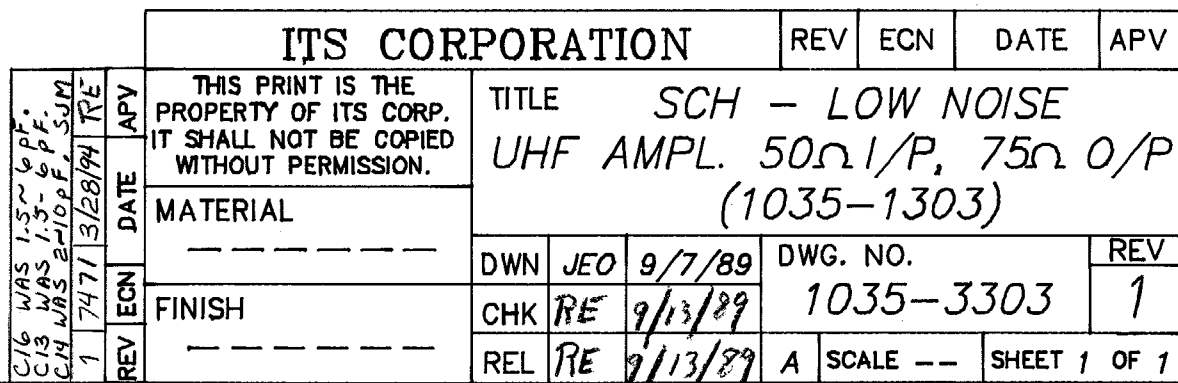
L1, L2 - 10 TURN #14 AWG WIRE .5" DIA.
C1, C2 - 1~20pF

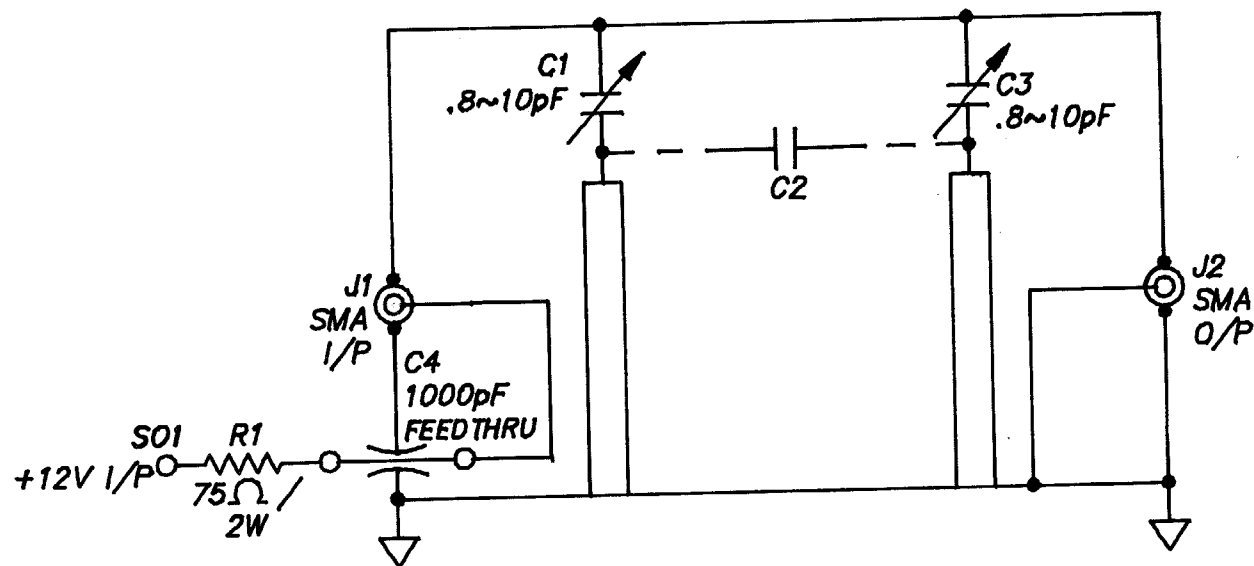
ITS CORPORATION				REV	ECN	DATE	APV
REV	ECN	DATE	APV	THIS PRINT IS THE PROPERTY OF ITS CORP. IT SHALL NOT BE COPIED WITHOUT PERMISSION.			
				MATERIAL			
				FINISH			
TITLE SCHEMATIC - VHF L.O. FILTER, 2 SECTION LOW BAND (1034-1211)				DWN	CR	3/17/87	DWG. NO.
				CHK	DWB	3/17/87	1034-3211
				REL	DWB	4/15/87	A
				SCALE --- SHEET 1 OF 1			



NOTE: C2 IS STRAY CAPACITANCE
BETWEEN LINE SECTIONS.

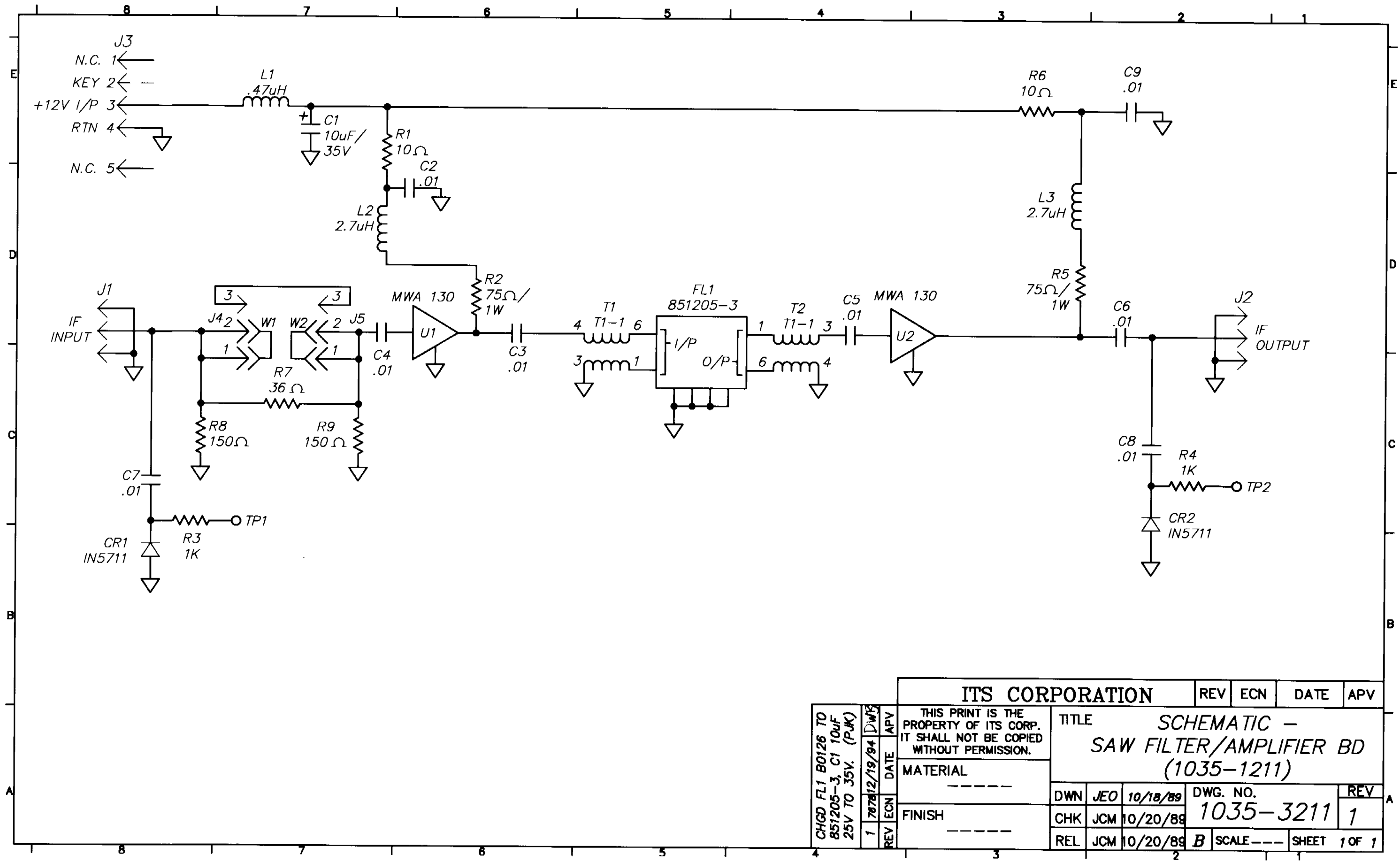
ITS CORPORATION				REV	ECN	DATE	APV
REV	ECN	DATE	APV	THIS PRINT IS THE PROPERTY OF ITS CORP. IT SHALL NOT BE COPIED WITHOUT PERMISSION.			
				MATERIAL -----			
				FINISH -----			
				TITLE SCHEMATIC - UHF FILTER, 75Ω/50Ω (1035-1302)			
DWN	JEO	9/7/89	DWG. NO.		REV		
CHK	RE	9/13/89	1035-3302		0		
REL	RE	9/13/89	A	SCALE---	SHEET 1 OF 1		



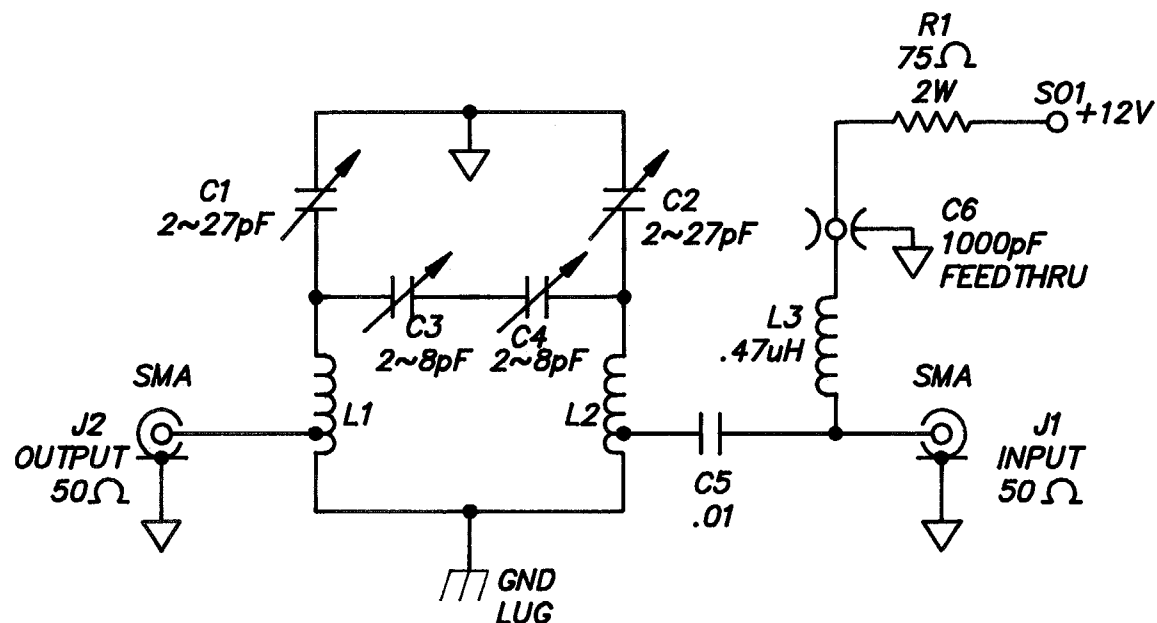


NOTE: C2 IS STRAY CAPACITANCE
BETWEEN LINE SECTIONS.

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 -----			
				FINISH -----			
				TITLE SCHEMATIC - UHF FILTER, DC MULTIPLEXED (1035-1204)			
DWN	JEO	7/5/89	DWG. NO.		REV		
CHK	JCM	7/24/89	1035-3204		0		
REL	JCM	7/24/89	A	SCALE----	SHEET 1 OF 1		



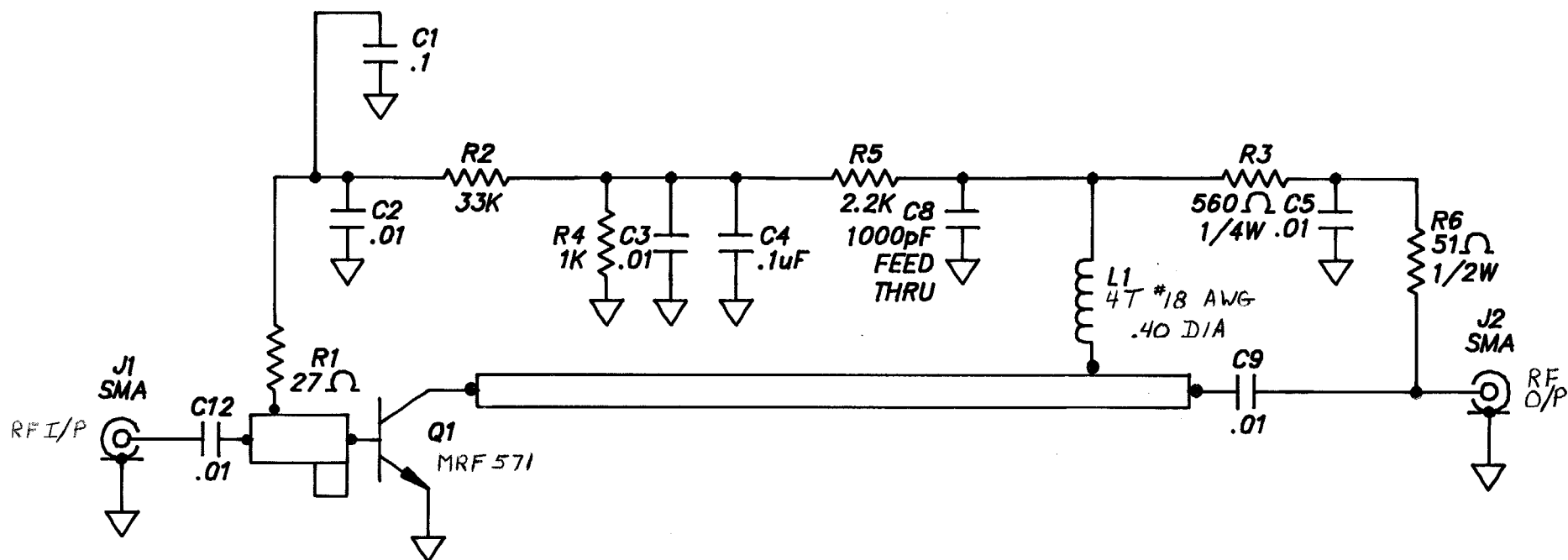
CHGD FL1 B0126 TO 851205-3, C1 10uF 25V TO 35V. (PJK)				ITS CORPORATION				REV	ECN	DATE	APV
1 767812/19/94 DWB				THIS PRINT IS THE PROPERTY OF ITS CORP. IT SHALL NOT BE COPIED WITHOUT PERMISSION.				TITLE SCHEMATIC - SAW FILTER/AMPLIFIER BD (1035-1211)			
REV ECN				MATERIAL				DWN	JEO	10/18/89	DWG. NO.
DATE				FINISH				CHK	JCM	10/20/89	1035-3211
APV								REL	JCM	10/20/89	REV
								B		SCALE----	1
								SHEET		1 OF 1	



- NOTES: 1) L1 AND L2 ARE 3 TURNS, #14 AWG
ON FORM #530-0005-00-00.00
2) C1 THRU C4 ARE TUNING ADJUSTS

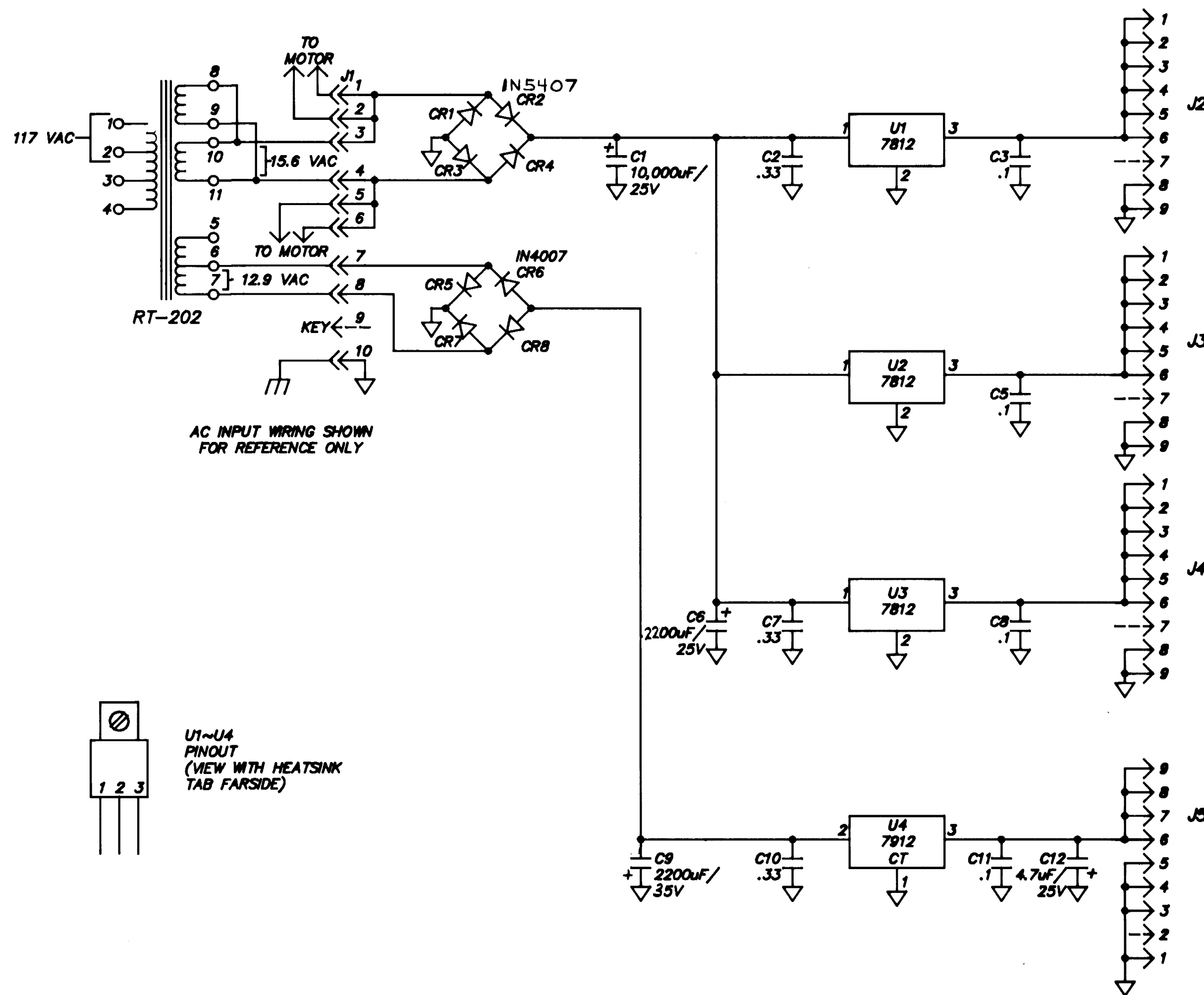
		C2 WAS uF.		RLS		
		1	3546	2/19/92	SPH	
ITS CORPORATION				REV	APV	
THIS PRINT IS THE PROPERTY OF ITS CORP. IT SHALL NOT BE COPIED WITHOUT PERMISSION.		TITLE SCHEMATIC - VHF FILTER, DC MPLX, 50 OHM (1035-1601)				
		MATERIAL			REV	
		FINISH			1	
REV	ECN	DWN	JEO	7/5/89	DWG. NO.	
		CHK	JCM	8/1/89	1035-3601	
		REL	JCM	8/1/89	A	
				SCALE	SHEET 1 OF 1	

DO NOT REVISE



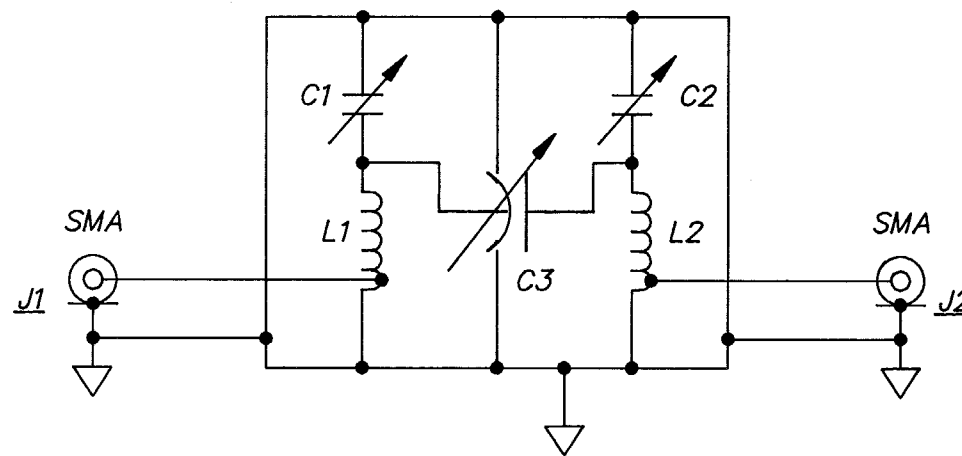
MISC LABELING				THIS PRINT IS THE PROPERTY OF ITS CORP. IT SHALL NOT BE COPIED WITHOUT PERMISSION.				TITLE			
O 2885				DATE				SCHEMATIC - LOW NOISE VHF AMPLIFIER (1035-1701)			
REV				MATERIAL				DWN			
1-11-91				FINISH				JEO 9/17/87			
APV				REL				WB 9/24/87			
1-11-91				A				1035-3701			
ECN				SCALE --				DWG. NO.			
1-11-91				SHEET 1 OF 1				REV			
1-11-91				0				0			

DO NOT REVISE



ITS CORPORATION				REV	ECN	DATE	APV
THIS PRINT IS THE PROPERTY OF ITS CORP. IT SHALL NOT BE COPIED WITHOUT PERMISSION.				TITLE			
				+12V(3A)/-12V POWER SUPPLY BOARD (1092-1206)			
MATERIAL				DWN	JEO	12/17/87	DWG. NO.
FINISH				CHK	RE	4/15/88	1092-3206 1
REL				WB	11-22-89	C	SCALE --- SHEET 1 OF 1

DO NOT REVISE

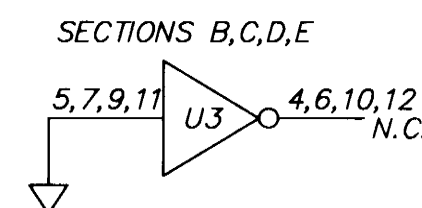
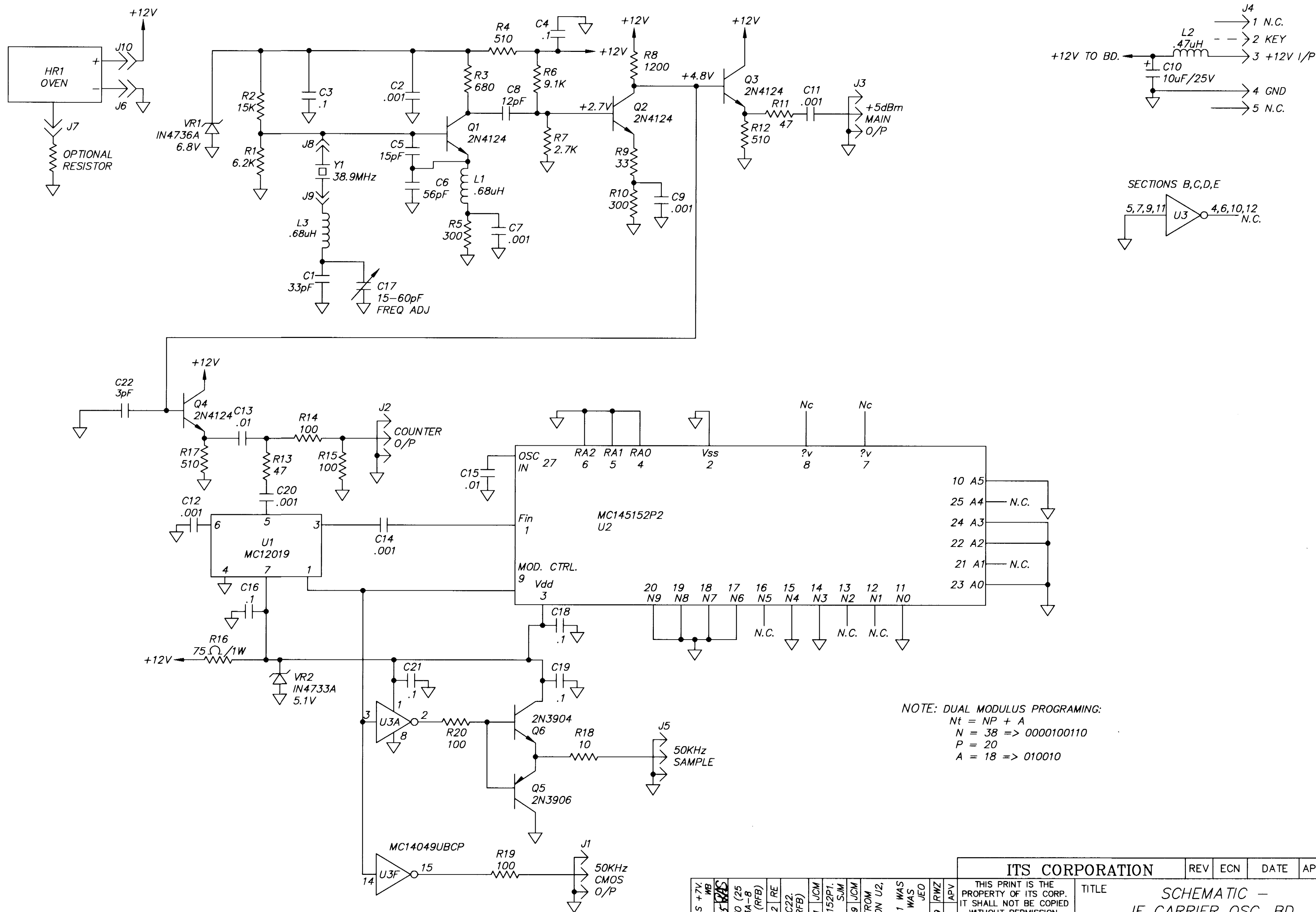


L1, L2 - 6 TURN #14 AWG WIRE .5" DIA.
 C1, C2 - .8~10pF
 C3 - 1.5~6pF

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			
				FINISH			

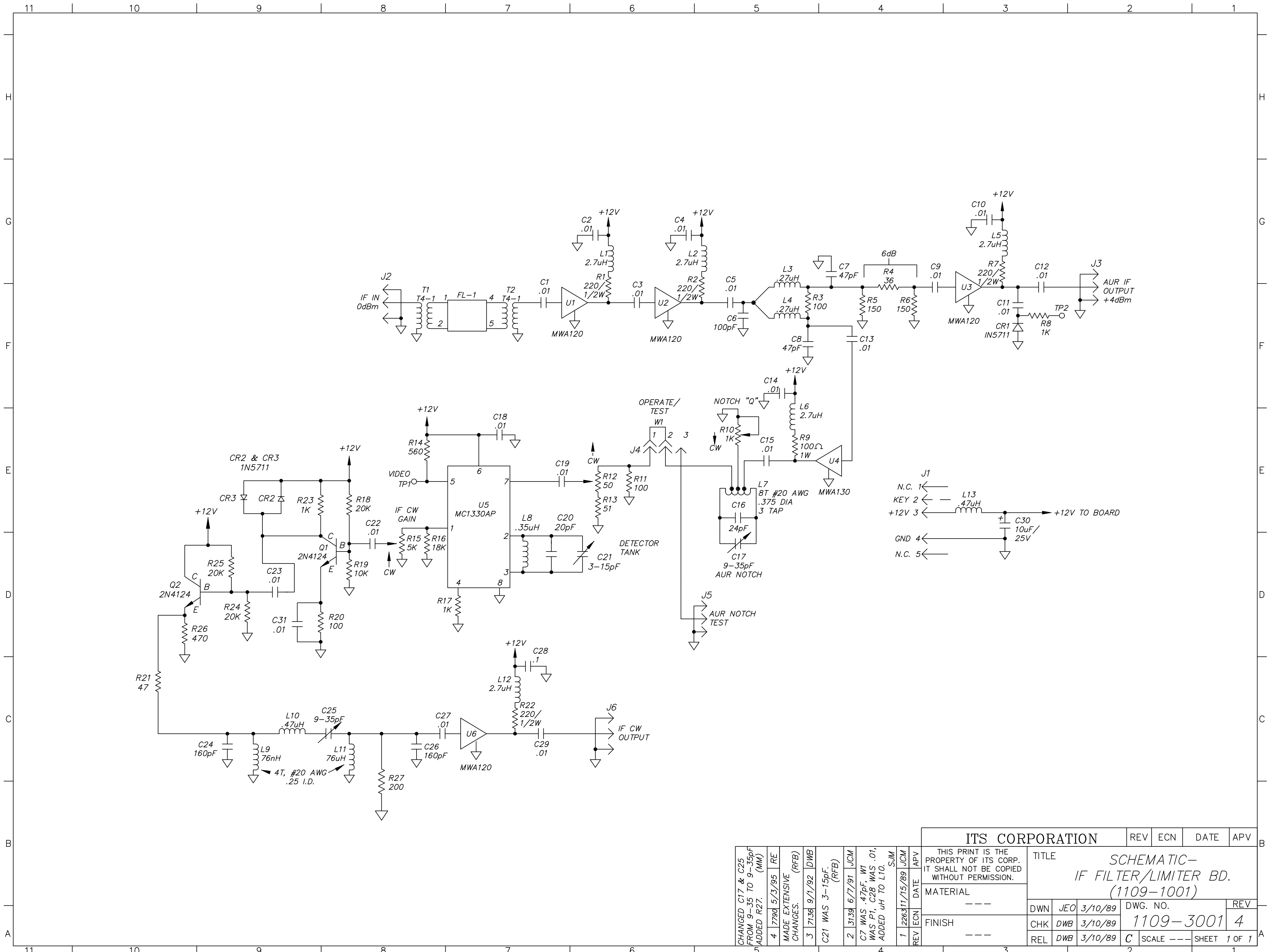
DWN	JEO	4/5/90	DWG. NO.		REV		
CHK	DWB	4-5-90	1093-3202		0		
REL	DWB	4-5-90	A	SCALE ---	SHEET 1 OF 1		

DO NOT REVISE



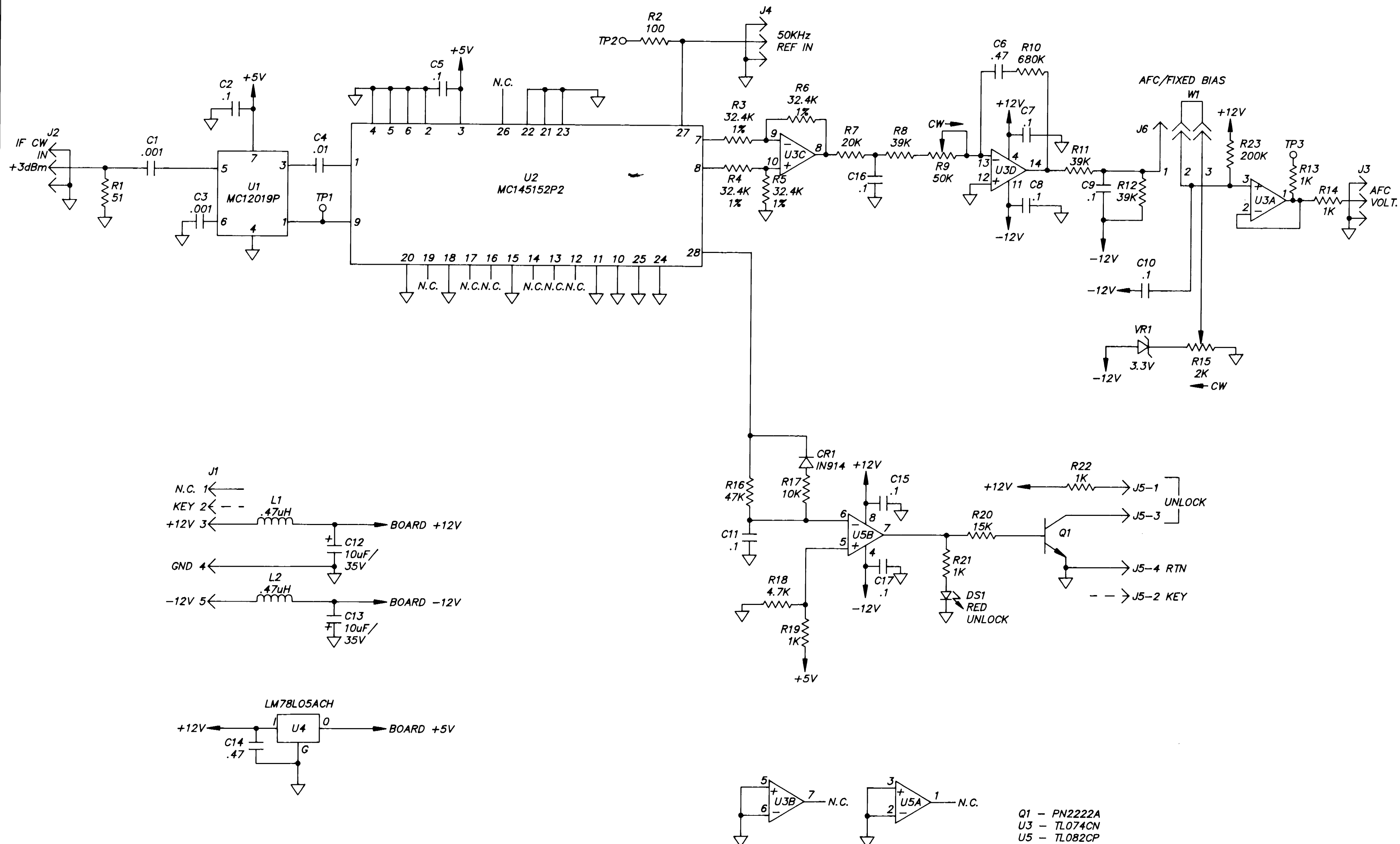
DO NOT REVISE

ITS CORPORATION				REV	ECN	DATE	APV
THIS PRINT IS THE PROPERTY OF ITS CORP. IT SHALL NOT BE COPIED WITHOUT PERMISSION.				TITLE			
MATERIAL				SCHEMATIC - IF CARRIER OSC. BD. 38.9MHz (1100-1206)			
FINISH				DWN	JEO	11/3/88	DWG. NO. 1100-3206
				CHK	JCM	11/10/88	REV 4
				REL	RWZ	3/10/89	SCALE --- SHEET 1 OF 1



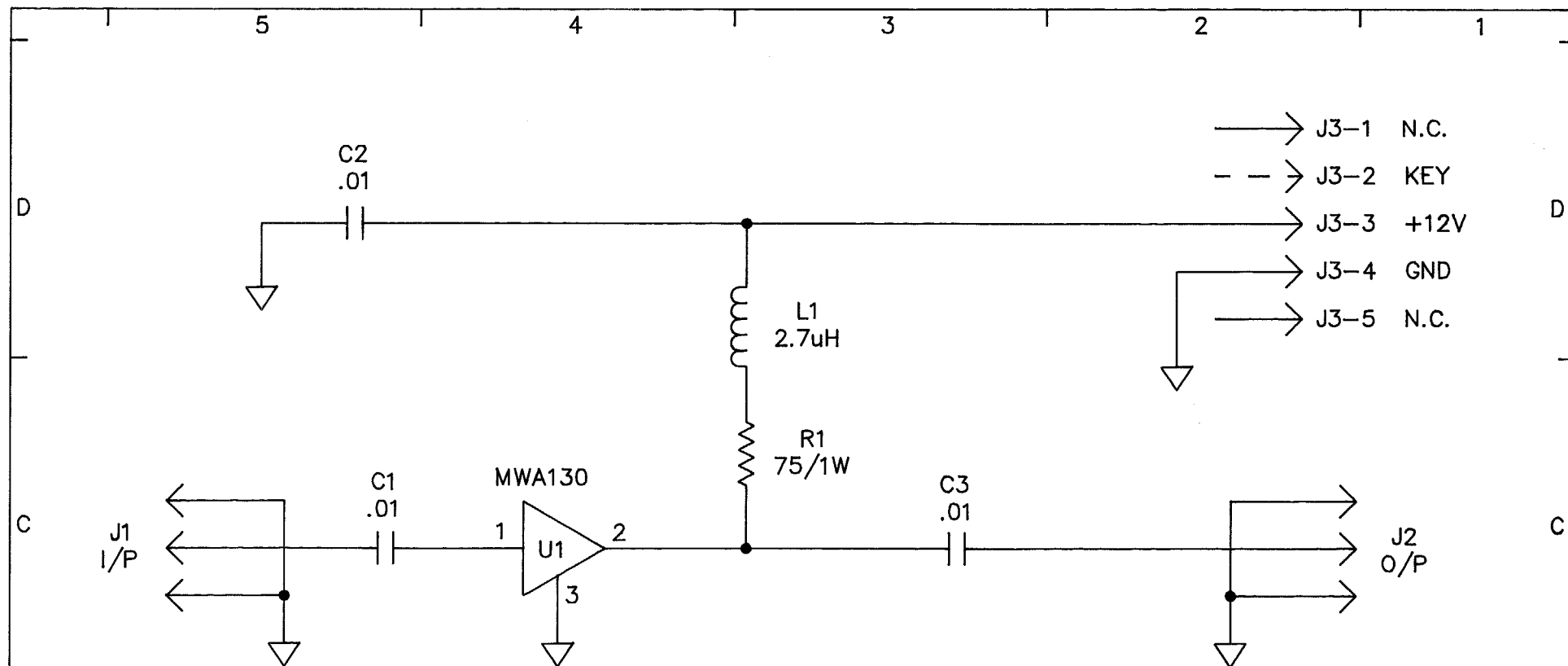
CHANGED C17 & C25 FROM 9-35 TO 9-35pF ADDED R27.	4	1790	5/3/95	RE
MADE EXTENSIVE CHANGES.	3	1736	9/1/92	DWB
C21 WAS 3-15pF. (RFB)	2	3139	6/7/91	JCM
C7 WAS .47pF, W1 WAS P1, C28 WAS .01, ADDED uH TO L10.	1	2263	11/15/89	JCM
SUM	REV	ECN	DATE	APV

ITS CORPORATION					REV	ECN	DATE	APV
THIS PRINT IS THE PROPERTY OF ITS CORP. IT SHALL NOT BE COPIED WITHOUT PERMISSION.					TITLE			
					SCHEMATIC- IF FILTER/LIMITER BD. (1109-1001)			
MATERIAL					DWN	JEO	3/10/89	DWG. NO.
FINISH					CHK	DWB	3/10/89	1109-3001
					REL	DWB	3/10/89	C
					SHEET 1 OF 1			

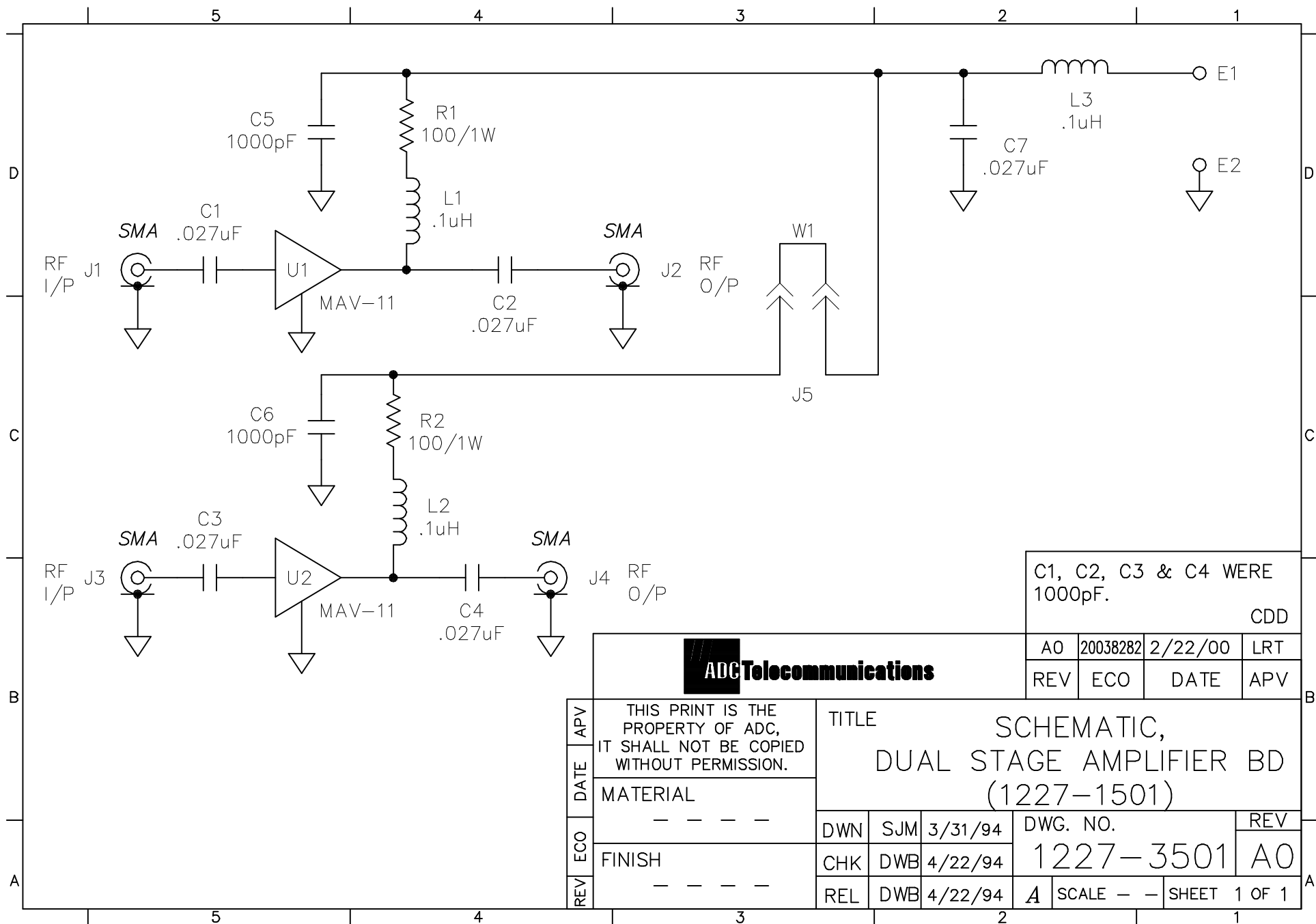


Q1 - PN2222A
 U3 - TL074CN
 U5 - TL082CP

ITS CORPORATION				REV	ECN	DATE	APV
THIS PRINT IS THE PROPERTY OF ITS CORP. IT SHALL NOT BE COPIED WITHOUT PERMISSION.				TITLE			
MATERIAL				SCHEMATIC - IF PLL BOARD (1109-1002)			
FINISH				DWG. NO. 1109-3002			
REV				3			
REL				SCALE			
SHEET 1 OF 1							



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			
				FINISH			
TITLE				SCHEMATIC - IF AMPLIFIER BD. HIGH GAIN (1197-1126)			
DWN	RFB	10/5/93	DWG. NO.		REV		
CHK	DWB	10-7-93	1197-3126		0		
REL	DWB	10-7-93	A	SCALE----	SHEET		1 OF 1



C1, C2, C3 & C4 WERE
1000pF.

CDD

A0	20038282	2/22/00	LRT
REV	ECO	DATE	APV

ADC Telecommunications

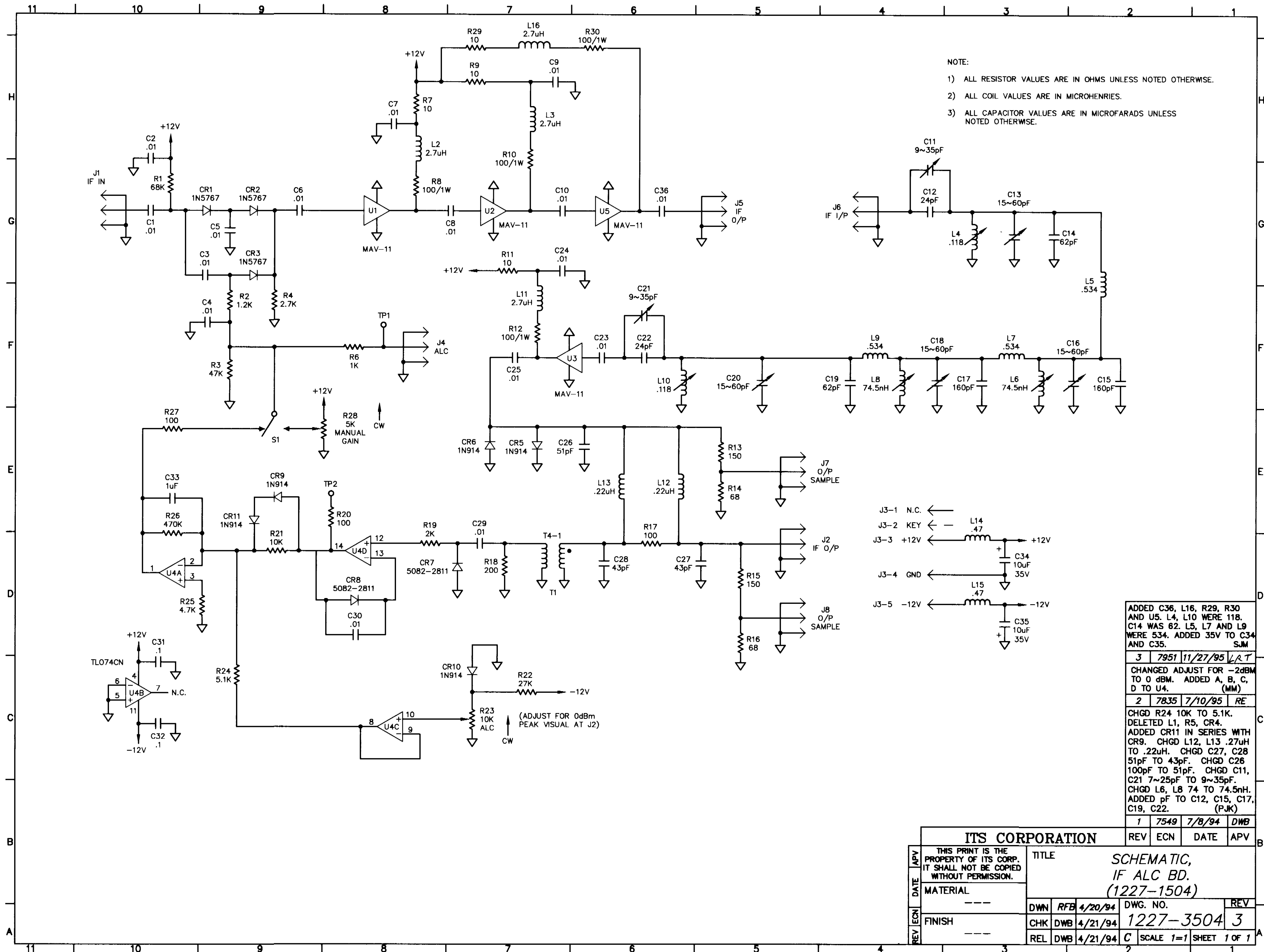
THIS PRINT IS THE
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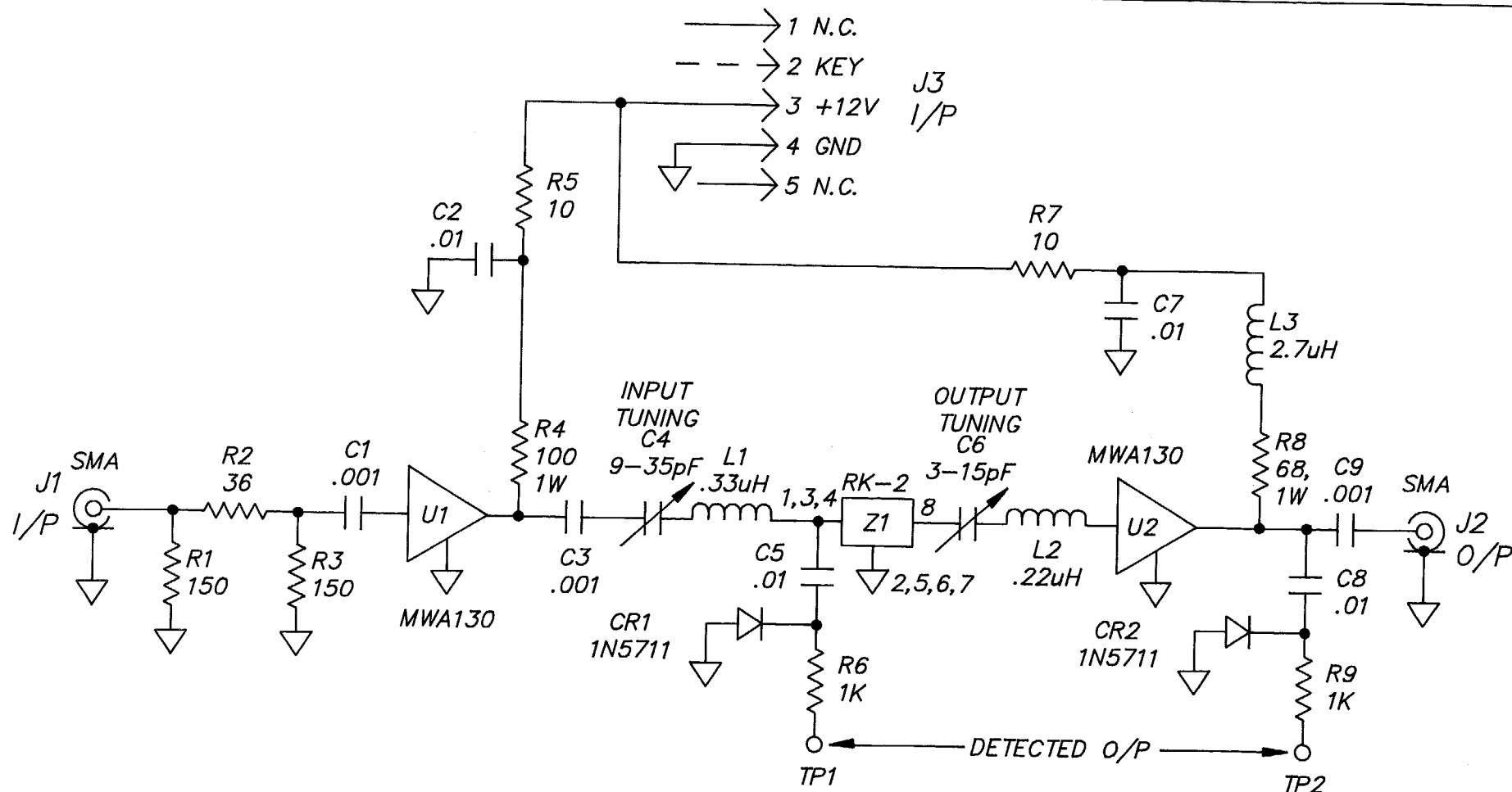
MATERIAL
- - - -

FINISH
- - - -

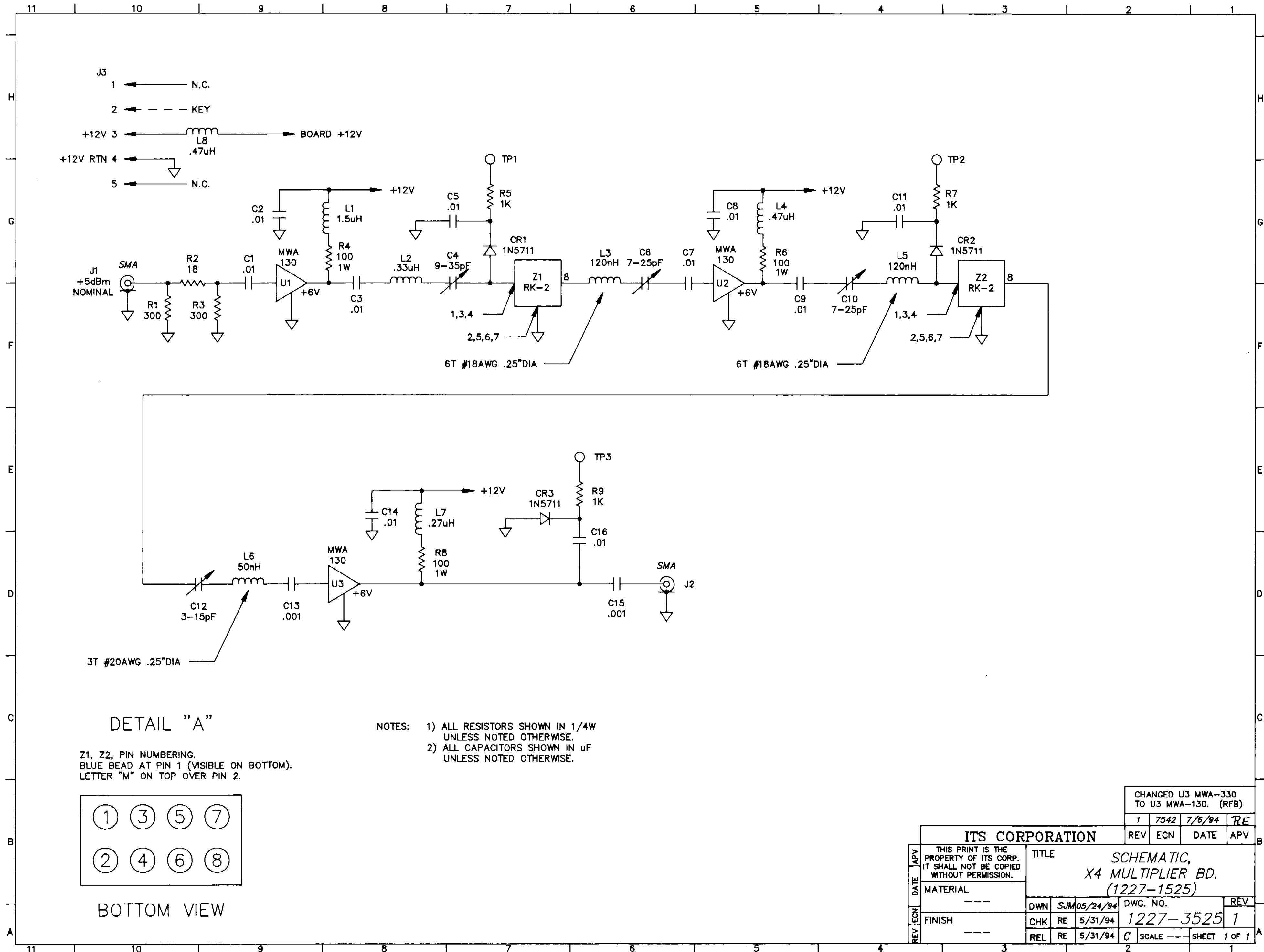
TITLE
SCHEMATIC,
DUAL STAGE AMPLIFIER BD
(1227-1501)

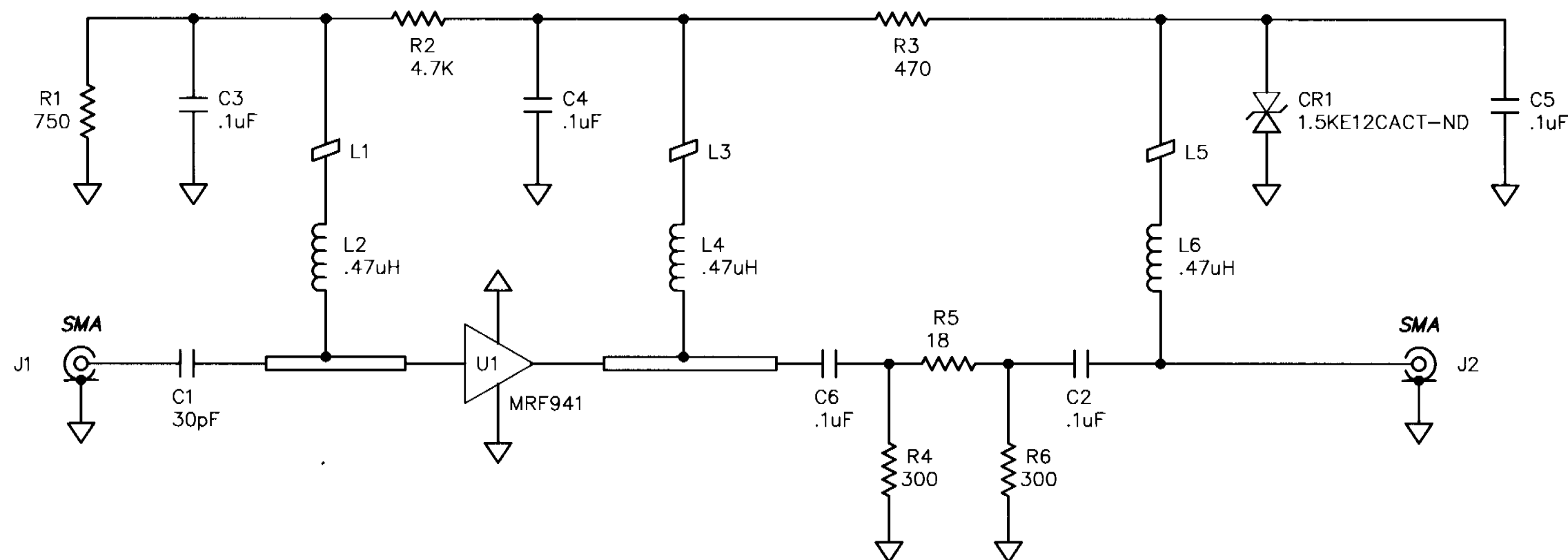
DWN	SJM	3/31/94	DWG. NO.	REV
CHK	DWB	4/22/94	1227-3501	A0
REL	DWB	4/22/94	A	SCALE - - SHEET 1 OF 1





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 -----			
				FINISH -----			
TITLE SCHEMATIC - X2 MULTIPLIER BD, L.B. VHF (1227-1524)				DWG. NO. 1227-3524		REV 0	
DWN	SJM	5/25/94	A		SCALE----	SHEET 1 OF 1	
CHK	RE	5/31/94					
REL	RE	5/31/94					





ADDED C6, R4, R5 & R6
BEFORE C2. CHANGED R3
FROM 620 TO 470. ADDED
CR1. (MM)

1	7914	10/2/95	DW
REV	ECN	DATE	APV

ITS CORPORATION

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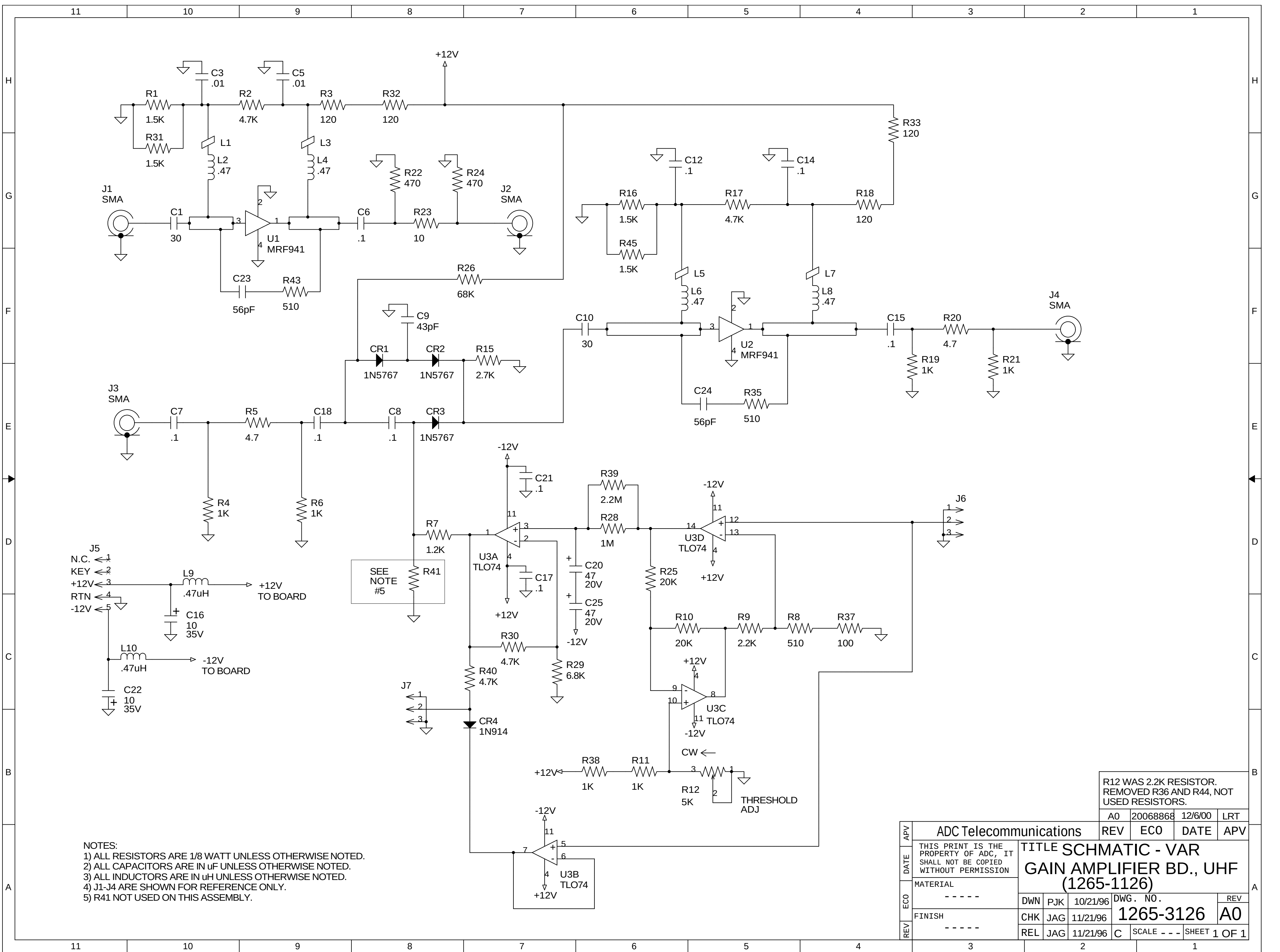
MATERIAL

FINISH

TITLE
**SCHEMATIC
LOW NOISE UHF AMPLIFIER BD.
(1257-1101)**

DWN	SJM	8/4/95	DWG. NO.	REV
CHK	DW	8/8/95	1257-3101	1
REL	DW	8/8/95	B	SCALE----

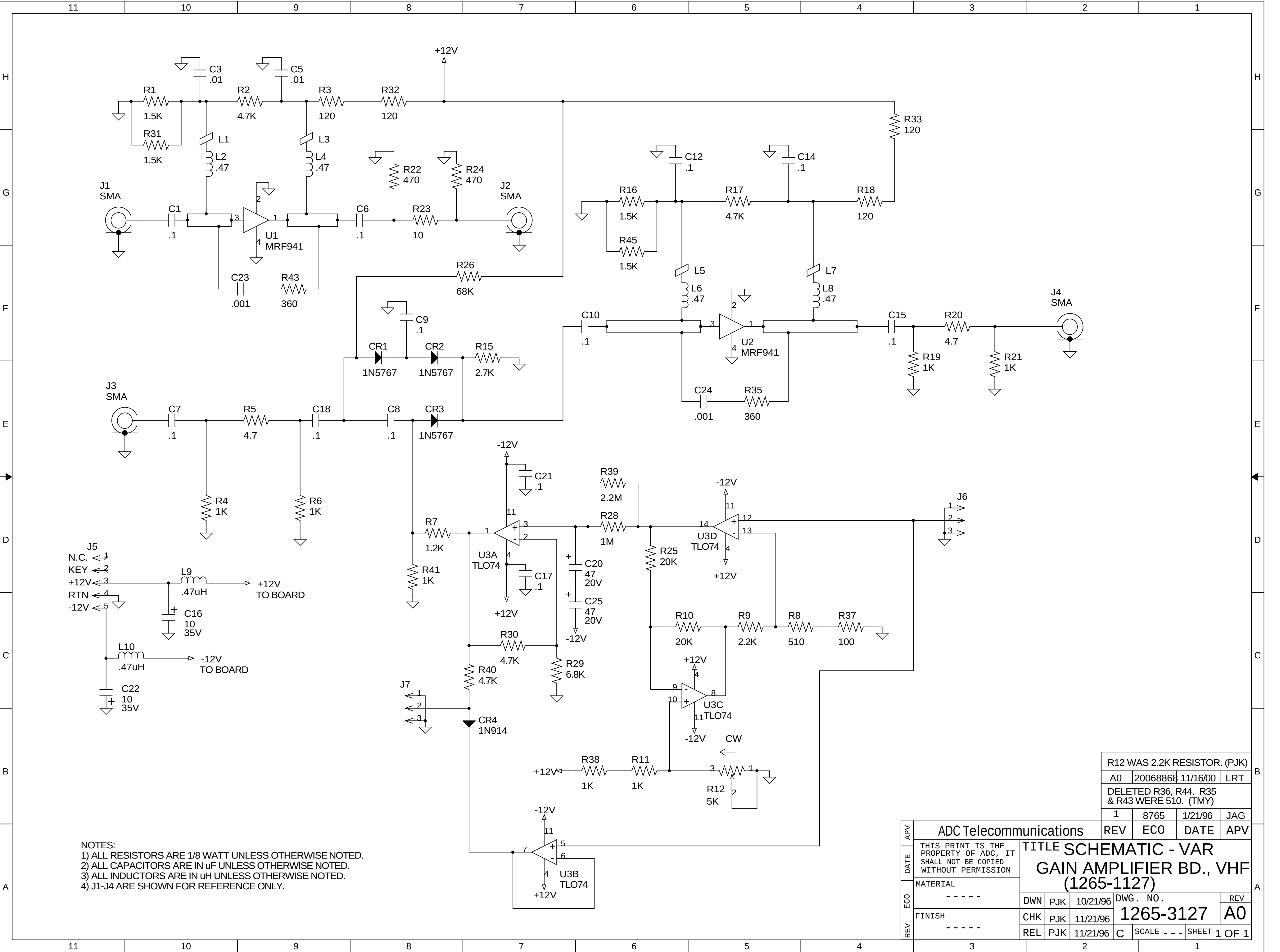
SHEET 1 OF 1



- NOTES:
- 1) ALL RESISTORS ARE 1/8 WATT UNLESS OTHERWISE NOTED.
 - 2) ALL CAPACITORS ARE IN μF UNLESS OTHERWISE NOTED.
 - 3) ALL INDUCTORS ARE IN μH UNLESS OTHERWISE NOTED.
 - 4) J1-J4 ARE SHOWN FOR REFERENCE ONLY.
 - 5) R41 NOT USED ON THIS ASSEMBLY.

R12 WAS 2.2K RESISTOR.
REMOVED R36 AND R44, NOT
USED RESISTORS.

APV	ADC Telecommunications				REV	ECO	DATE	APV
DATE	THIS PRINT IS THE PROPERTY OF ADC, IT SHALL NOT BE COPIED WITHOUT PERMISSION		TITLE SCHMATIC - VAR GAIN AMPLIFIER BD., UHF (1265-1126)					
ECO	MATERIAL -----							
REV	FINISH -----		DWN	PJK	10/21/96	DWG. NO. 1265-3126		REV A0
			REL	JAG	11/21/96	C	SCALE - - -	SHEET 1 OF 1



NOTES:
1) ALL RESISTORS ARE 1/8 WATT UNLESS OTHERWISE NOTED.
2) ALL CAPACITORS ARE IN uF UNLESS OTHERWISE NOTED.
3) ALL INDUCTORS ARE IN uH UNLESS OTHERWISE NOTED.
4) J1-J4 ARE SHOWN FOR REFERENCE ONLY.

R12 WAS 2.2K RESISTOR. (PJK)			
A0	20068868	11/16/00	LRT
DELETED R36, R44. R35 & R43 WERE 510. (TMY)			
1	8765	1/21/96	JAG

REV	APV	ADC Telecommunications		REV	ECO	DATE	APV
	DATE	THIS PRINT IS THE PROPERTY OF ADC, IT SHALL NOT BE COPIED WITHOUT PERMISSION		TITLE SCHEMATIC - VAR			
	ECO			GAIN AMPLIFIER BD., VHF (1265-1127)			
	FINISH	-----		DWN	PJK	10/21/96	DWG. NO.
				CHK	PJK	11/21/96	1265-3127
				REL	PJK	11/21/96	A0
				SCALE - - -		SHEET 1 OF 1	