

BOM FOR REV F/G USA

QUANTITY	VALUE	DESCRIPTION	DESIGNATION	NOTES
1	10pF	CAPACITOR, CERAMIC	C12	
2	0.1uF	CAPACITOR, CERAMIC OR FILM	C28	
			C35	FOR OPTIONAL IC INPUT
1	47pF	CAPACITOR, CERAMIC	C29	
3	100pF	CAPACITOR, CERAMIC	C32,C100,C101	FOR OPTIONAL IC INPUT
1	27pF	CAPACITOR, CERAMIC	C6	
3	47uF/35v	CAPACITOR, ELECTROLYTIC	C11,C18	
			C34	FOR OPTIONAL IC INPUT
1	22uF/24V	CAPACITOR, ELECTROLYTIC	C14	
1	470uF/35V	CAPACITOR, ELECTROLYTIC	C15	
4	100uF/35V	CAPACITOR, ELECTROLYTIC	C2,C7,C8,C21	
3	10uF/35V	CAPACITOR, ELECTROLYTIC	C23,C89	
			C33	FOR OPTIONAL IC INPUT
1	2200uF/35V	CAPACITOR, ELECTROLYTIC	C24,	
2	2200uF/50V	CAPACITOR, ELECTROLYTIC	C25,C26	
2	6.8uF/25V	CAPACITOR, ELECTROLYTIC	C30,C31	FOR OPTIONAL IC INPUT
1	1.0uF/25V	CAPACITOR, ELECTROLYTIC	C17	
2	1.0uF	CAPACITOR, FILM OR ELECTROLYTIC	C1,C9	
1	.15uF	CAPACITOR, FILM	C10	
1	.0022uF	CAPACITOR, FILM	C13	
1	.022uF	CAPACITOR, FILM	C22	
2	.22uF	CAPACITOR, FILM	C5,C27	
2	200pF	CAPACITOR, MICA	C3,C4	
2	6.8uF	CAPACITOR, TANTALUM	C19,C20	
1	1N4148	DIODE	CR11	
2	FDH333	DIODE	CR3,CR4	LOW LEAKAGE
1	1N4740A	DIODE, ZENER	CR6	
1	TL071	INTEGRATED CIRCUIT	IC1	
1	NE5532	INTEGRATED CIRCUIT	IC2	FOR OPTIONAL IC INPUT
1	10k	POTENTIOMETER	R5	ALTERNATE INPUT POT FOR OPTIONAL IC INPUT
1	100k	POTENTIOMETER	R27	OUTPUT, LOG
1	25k	POTENTIOMETER	R77	ATTACK
1	5M	POTENTIOMETER	R78	RELEASE
2	1N4003	RECTIFIER	CR1,CR2	
5	1N4004	RECTIFIER	CR5,CR7,CR8,CR9,CR10	
5	1k	RESISTOR	R10,R32,R37,R85,R86	ALL RESISTORS 1/4 WATT
1	560k	RESISTOR	R11	METAL OR CARBON FILM
3	1M	RESISTOR	R12,R30,R60	
3	180	RESISTOR	R13,R14,R73	
2	150	RESISTOR	R15,R870	
2	6.8k	RESISTOR	R17,R21	
1	22k	RESISTOR	R18	
1	82	RESISTOR	R19	
1	1.8k	RESISTOR	R20	
3	56k	RESISTOR	R22,R24,R26	
5	47k	RESISTOR	R23,R62,R68,R74,R75	
2	68k	RESISTOR	R25,R31	
1	6.8M	RESISTOR	R29	
3	100k	RESISTOR	R58	
			R3,R4	FOR OPTIONAL IC INPUT
3	4.7k	RESISTOR	R33,R63,R70	

2	3.9k	RESISTOR	R34,R83	
1	100	RESISTOR	R36	
2	1.2k	RESISTOR	R38,R39	
2	4.3	RESISTOR	R40,R41	
2	470	RESISTOR	R42,R76	
1	560	RESISTOR	R43	
1	1.5k	RESISTOR	R44	
1	2.2k	RESISTOR	R45	
1	3.9M	RESISTOR	R48	
1	4.3k	RESISTOR	R49	
2	270	RESISTOR	R5,R65	
1	8.2k	RESISTOR	R50	
2	3.6k	RESISTOR	R51,R59	
1	15k	RESISTOR	R53	
2	470k	RESISTOR	R57,R61	
1	27k	RESISTOR	R6	
2	2.4k	RESISTOR	R64,R72	
1	182k	RESISTOR	R66	
1	38.3k	RESISTOR	R67	
1	44.2k	RESISTOR	R69	
2	2.2M	RESISTOR	R7,R9	
1	7.68k	RESISTOR	R71	
1	270k	RESISTOR	R79	
11	10k	RESISTOR	R8,R28,R35,R52,R56,R82, R1A,R1B,R1C,R1D,R1E	FOR EITHER OPTION FOR OPTIONAL IC INPUT
1	120	RESISTOR	R87	
1	2.7k	RESISTOR	R89	
1	4POLE 3POS	ROTARY SWITCH	S5,S6,S7	LORLIN OR ALPHA
1	2POLE 6 POS	ROTARY SWITCH	S1,S2,S3,S4	LORLIN OR ALPHA ADJUST STOP FOR 4 POSITIONS HFE 250 OR ABOVE, USE ALTERNATE BASE PAD FOR 2N5088
4	2N3707 OR 2N5088	TRANSISTOR	Q12,Q13,Q14,Q15	
3	2N3391	TRANSISTOR	Q2,Q3,Q4	
1	2N2925	TRANSISTOR	Q5	SUBSTITUTE FOR HOUSE NUMBERED 5117 TRANSISTOR
2	2N5087	TRANSISTOR	Q6,Q7	
1	MPSW06	TRANSISTOR	Q8	MEDIUM POWER
1	MPSW56	TRANSISTOR	Q9	MEDIUM POWER
2	2N5457	TRANSISTOR, FET	Q1,Q10	
1	100	TRIMMER	R16	DISTORTION ADJ
1	500	TRIMMER	R2	CMR ADJ FOR OPTIONAL IC INPUT
1	100k	TRIMMER	R54	TRACKING ADJ
1	2k	TRIMMER	R55	ZERO ADJ
1	2k	TRIMMER	R81	Q BIAS ADJ
1	LM317	VOLTAGE REGULATOR	VR1	
1	Altran C-3837-1	INPUT TRANSFORMER	T1	UTC O-12 SUBSTITUTE NOT REQUIRED IF USING IC INPUT
1	B11148	OUTPUT TRANSFORMER	T2	AVAILABLE FROM HAIRBALL
1	600 OHM	T ATTENUATOR	T ATTENUATOR	INPUT CONTROL NOT REQUIRED IF USING IC INPUT
1	2 X 25V 30VA	POWER TRANSFORMER	T3	FOR APPROPRIATE MAINS VOLTAGE
1	VU METER	VU METER	METER	
1	XLR	FEMALE XLR		PANEL MOUNT
1	XLR	MALE XLR		PANEL MOUNT
1	IEC	POWER CONNECTOR		PANEL MOUNT