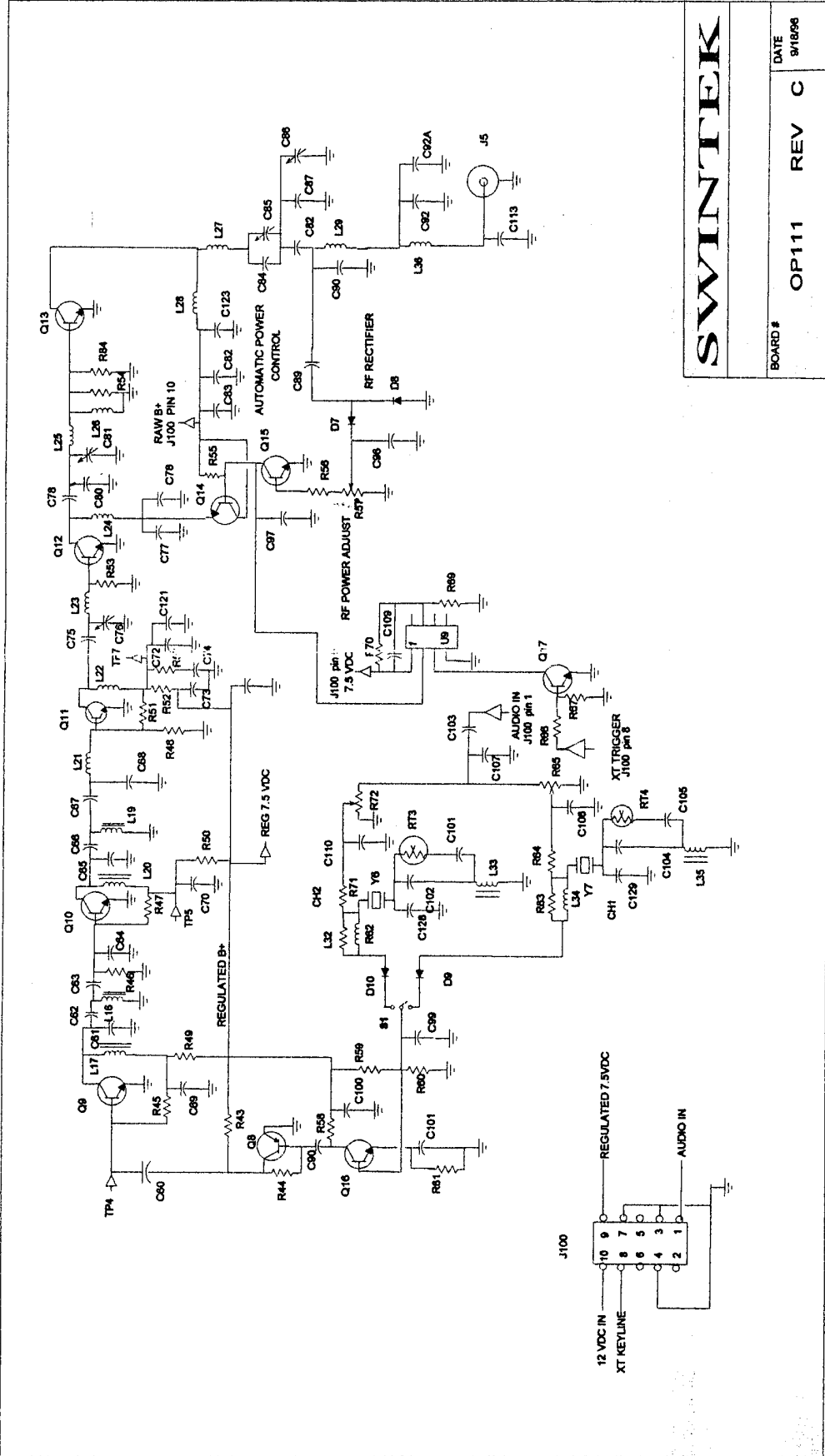
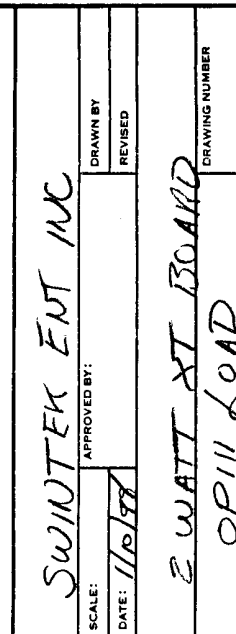




SWINTEK

BOARD # **OP111** REV **C** DATE **9/18/96**

FCC ID: FLC200010
 FCC ID: FLC200010R
 PAGE 1 OF 13



FCC ID: FLC200010
FCC ID: FLC200010R
PAGE 2 OF 13

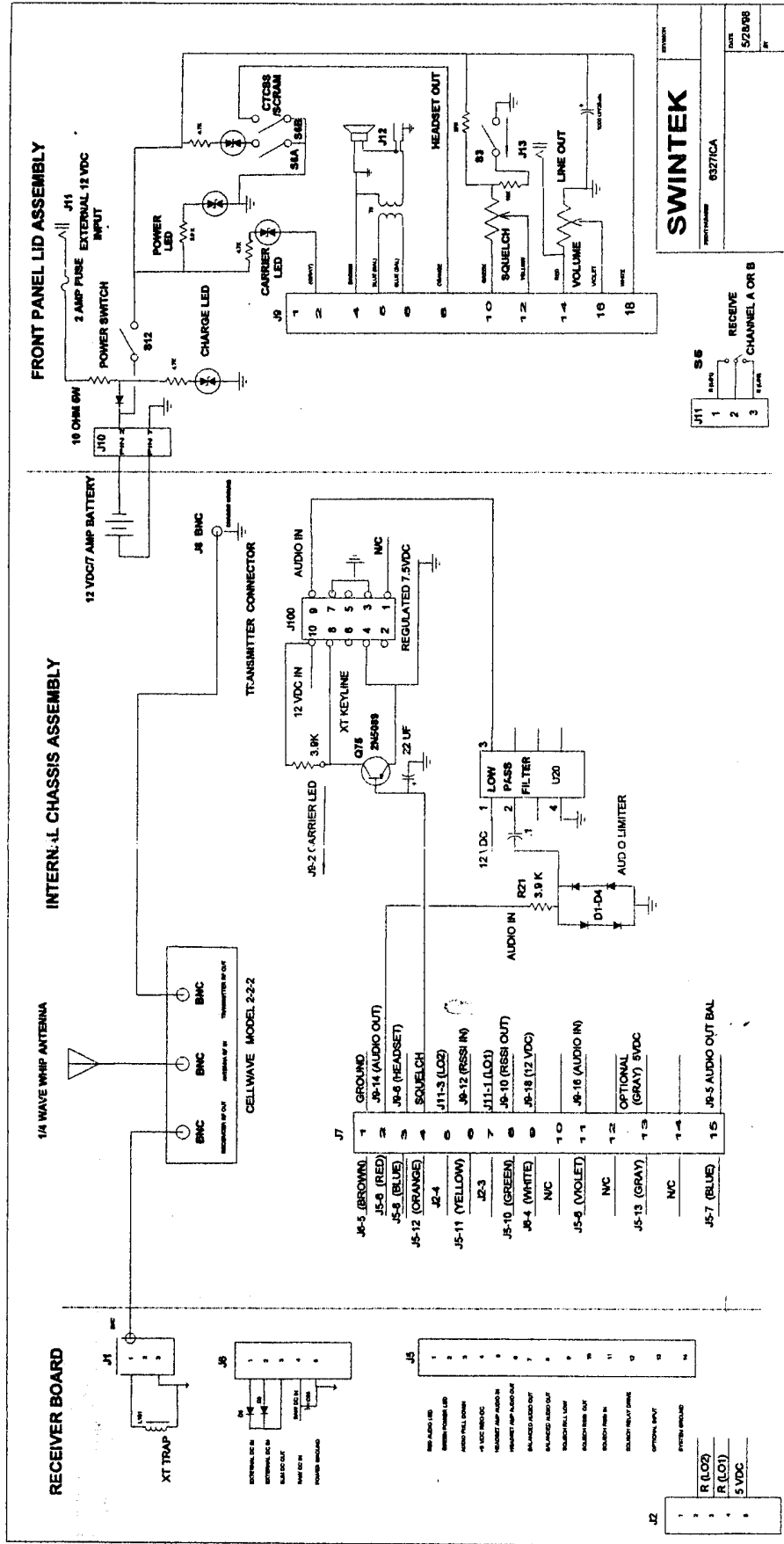
OP111 TRANSMITTER PART LIST

4/10/98

SYMBOL	PART DESCRIPTION	TOL	SYMBOL	PART DESCRIPTION	TOL
R42	100 OHM 1/4 WATT		5% C60	33 PF NPO	
R43	2.2K 1/4 WATT		5% C61	24 PF NPO	
R44	27K 1/4 WATT		5% C62	1 PF NPO	
R45	100K 1/4 WATT		5% C63	33 PF NPO	
R46	22K 1/4 WATT		5% C64	56 PF NPO	
R47	47K 1/4 WATT		5% C65	3.9 PF NPO	
R48	390 OHM 1/4 WATT		5% C66	5 PF NPO	
R49	100 OHM 1/4 WATT		5% C67	18 PF NPO	
R50	100K 1/4 WATT		5% C68	5 PF NPO	
R51	3.3K 1/4 WATT		5% C69	.01 OF Y5F	
R52	100 OHM 1/4 WATT		5% C70	.01 UF Y5F	
R53	56 OHM 1/4 WATT		5% C71	1 UF Y5F	
R54	220K 1/4 WATT		5% C72	.001 UF Y5F	
R55	330 OHM 1/4 WATT		5% C73	12 PF NPO	
R56	220 OHM 1/4 WATT		5% C74	20/35 VAR NPO	
R57	1K POT 1/8 WATT		5% C75	.001 UF NPO	
R58	1K 1/4 WATT		5% C76	1 PF NPO	
R59	8.2K 1/4 WATT		5% C77	10 PF NPO	
R60	4.7K 1/4 WATT		5% C78	8 PF NPO	
R61	680 OHM 1/4 WATT		5% C79	20/35 PF NPO	
R62	10K 1/4 WATT		5% C80	7.6 PF NPO	
R63	10K 1/4 WATT		5% C81	20/35 PF NPO	
R64	10K 1/4 WATT		5% C82	.01 UF Y5F	
R65	10K POT 1/8 WATT		5% C83	.001 UF Y5F	
R66	22K 1/4 WATT		5% C84	8 PF NPO	
R67	10K 1/4 WATT		5% C85	20/35 PF NPO	
R68	100K 1/4 WATT		5% C86	20/35 PF NPO	
R69	10K 1/4 WATT		5% C87	12 PF NPO	
R70	2.2K 1/4 WATT		5% C88	.001 UF Y5F	
R71	10K 1/4 WATT		5% C89	2 PF NPO	
R72	10K POT 1/8 WATT		5% C90	18 PF NPO	
R73	220 OHM 1/4 WATT		5% C91	.5 PF NPO	
Q7	BAV99		C92	22PF NPO	
Q8	M10		C93	4 PF NPO	
Q9	MMP10		C94	20PF NPO	
Q10	MMP10		C95	F.S. NPO	
Q11	MMPRF41		C96	.001 UF Y5F	
Q12	6372		C97	.1 UF PLUS 80	
Q13	MRF260		C98	F.S. NPO	
Q14	MJE 120		C99	.01 UF Y5F	
Q15	2N3904		C100	330 PF Y5F	
Q16	M10		C101	330 pF Y5F	
Q17	3906		C102	39 PF NPO	
U9	2951		C103	1 PF NPO	
			C104	39 PF NPO	
			C10-5	1 PF NPO	
			C106	.01 UF Y5F	
			C107	.001 UF Y5F	
			C108	F.S. NPO	
			C109	.01 UF Y5F	
			C110	.002 UF Y5F	
			C113	27 PF NPO	
			C121	.01 UF Y5F	
			C123	1 UF PLUS 80	
			C128	20 PF NPO	
			C129	20 PF NPSO	
			C131	1 PF NPO	

OP111 TRANSMITTER PART LIST

PART DESCRIPTION		PART DESCRIPTION	
L17	BRN-11	NPO	D9
L18	BRN-11	NPO	2109
L19	ORC-1	NPO	
L20	ORC-1	NPO	
L21	120 UH	5%	Y6
L22	56 UH	10%	Y7
L23	6 TURNS		MC49
L24	33 NH		MC49
L25	3T	10%	
L26	1 UH		RT3
L27	10 T	5%	RT4
L28	10 T		2K
L29	10T		NEG 12VC
L32	3.3 UH		
L34	3.3 UH	5%	
L36	10T	5%	L30





R1	FS
R2	5K pot
R18	FS
R19	8.2K
R20	1K
R21	390
R22	10K
R23	6.8K
R24	68K
R25	1K
R26	330K
R27	2.2K
R28	4K
R29	6.8K
R30	4K
R31	39K
R32	1K
R33	39K
R34	1M
R35	10K
R36	10K
R37	1M
R38	39K
R39	1K
R40	680K
R41	3.9K
R42	680
R43	68K
R44	680K
R45	28K
R46	FS
R47	200
R48	41K
R49	220
R50	10K
R51	FS
R52	390
R53	10K
R54	1K
R55	10K
R56	10K
R57	10K
R58	10K
R59	FS
R60	FS
R61	6.8K
R62	220
R63	100
R64	680

C1	.1uF
C2	.1uF
C3	FS
C4	FS
C5	FS
C6	FS
C7	20-35pF
C25	10pF
C26	10pF
C27	20-35pF
C28	FS
C29	20-35pF
C30	.01uF
C31	56pF
C32	.1uF
C33	39pF
C34	.1uF
C35	470pF
C36	20-35pF
C37	FS
C38	39pF
C39	39pF
C40	.01uF
C41	.1uF
C42	2.7pF
C43	.1uF
C44	2.2uF
C45	.1uF
C46	.1uF
C47	470pF
C48	.22uF
C49	.1uF
C50	.22uF
C51	1pF
C52	.1uF
C53	.1uF
C54	FS
C55	.01uF
C56	.1uF
C67	.1uF
C58	.01uF
C59	.1uF
C60	2.2uF
C61	2uF
C62	FS
C63	FS
C64	2.2uF
C65	.1uF
C66	2.2uF

C67	22uF
C68	10pF
C69	.01uF
C70	56pF
C71	.1uF
C72	2.7pF
C73	20-35pF
C74	470pF
C75	.1uF
C76	FS
C77	FS
C78	470pF
C79	.1uF
C80	22pF
C81	2.7pF
C82	20-35pF
C83	.01uF
C84	.01uF
C85	.01uF
C86	1pF
C87	5pF
C88	5pF
C89	5pF
C90	39pF
C91	.1uF
C92	20-35pF
C93	20-35pF
C94	5pF
C95	22uF
C96	22uF
C97	FS
C98	FS
C99	.1uF
C100	FS
C101	.1uF
C102	20-35pF
C103	5pF
C104	5pF
C105	10pF
C106	470pF

X1	FS
X2	L10.7A8
X3	L10.7A8
X7	FS
X8	TE5090
X9	FS
X10	TE5090
X11	FS

L1	FS
L14	22uH
L15	.47uH
L16	.10uH
L17	.10uH
L18	7 turns
L19	10 turns
L20	10.7IF
L21	10.7IF
L22	10.7IF
L23	.47uH
L24	1.8uH
L25	.10uH
L26	.47uH
L27	5 turns
L28	10.7IF
L29	10 turns
L30	10 turns
L31	5 turns
L32	.33uH
L33	.33uH
L34	1 turn
L35	.33uH

U1	SA605D
U2	NE602A
U3	NE602A
U4	NE602A
U5	LM741CN
U6	NE578D
U7	TD7052A
U8	NE602A

D1	FS
D2	1N4000

X1	FS
X2	L10.7A8
X3	L10.7A8
X7	FS
X8	TE5090
X9	FS
X10	TE5090
X11	FS

J1	FS
J2	FS
J3	4 pins
J4	FS
J5	14 pins
J6	3 pins
J7	FS

