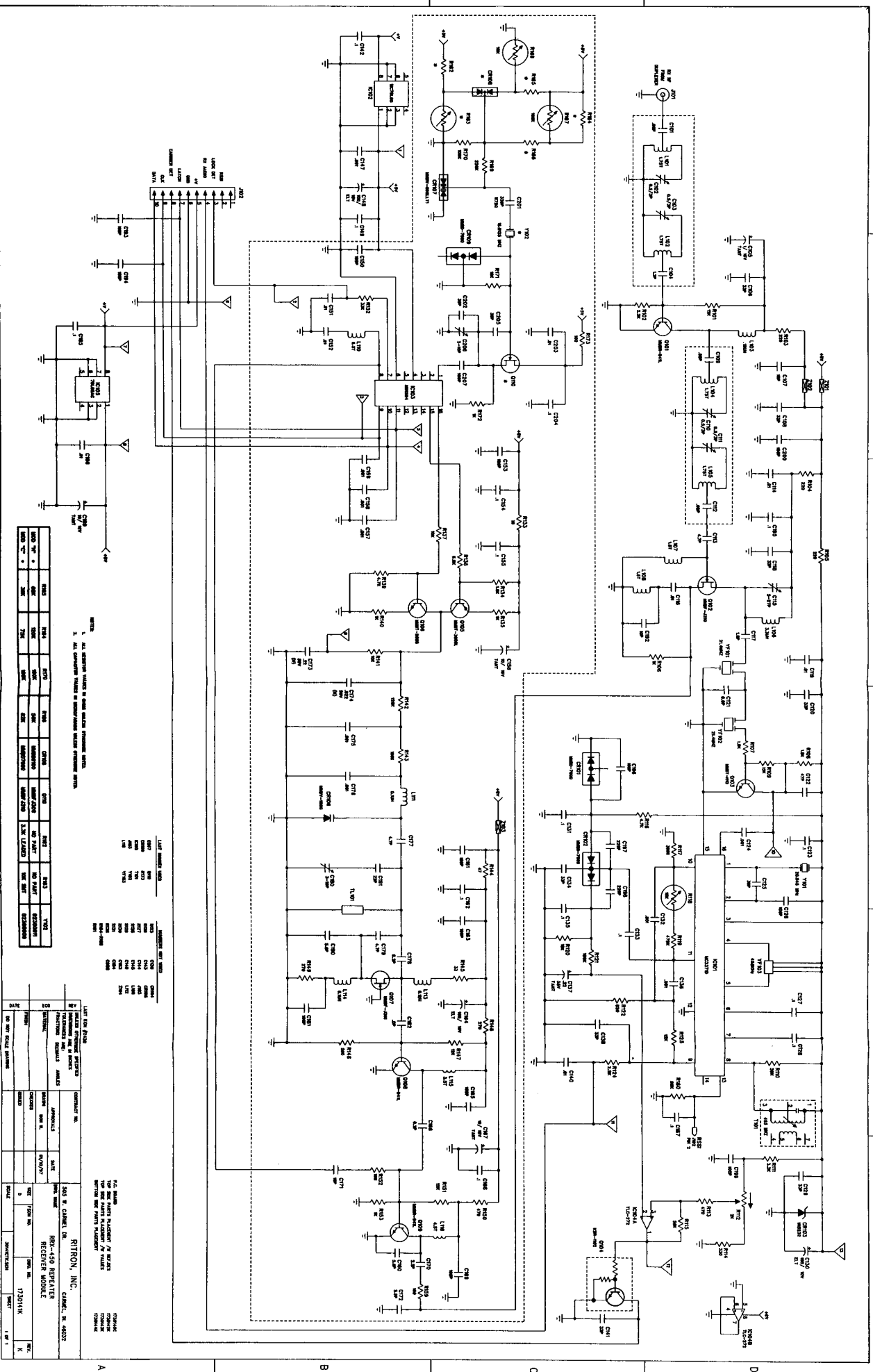


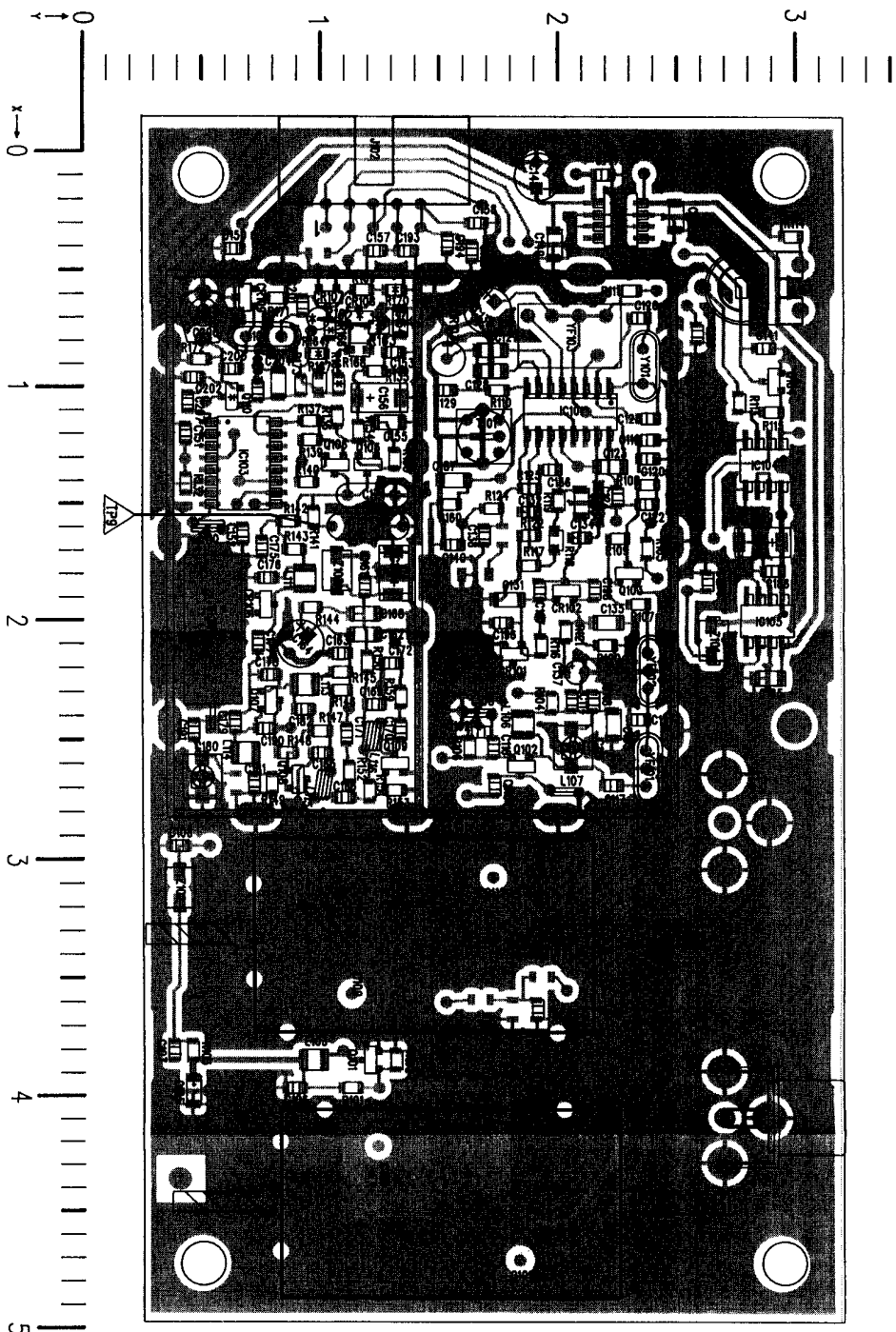
10. SCHEMATIC TEST POINTS (Δ) IDENTIFICATION

SCHEMATIC / COORDINATES		TEST POINT	DESCRIPTION
CONTROL	D6	Δ 71	+V SUPPLY
	D5	Δ 72	+8V OUTPUT
	D3	Δ 74	SUB-AUDIBLE LPF SHIFT (ENCODE)
	D2	Δ 75	MASTER RESET. Pulling pin 1 to ground causes system reset. Q402 forces this point "low" if the supply falls below about +9 Volts.
	C2	Δ 76	REPEAT DISABLE
	C3	Δ 77	ON-BATTERY BEEP ENABLE
	C2	Δ 79	MONITOR
	C2	Δ 80	LOCK DETECT (RX, TX)
	C2	Δ 81	CTCSS ENCODE INHIBIT
	B4	Δ 86	FLAT RX AUDIO
	A5	Δ 89	RX AUDIO ENABLE
	A4	Δ 90	HIGH-PASS FILTERED AUDIO
TRANSMITTER	D6	Δ 1	TX MODULATION
	C6	Δ 2	+5 VOLT REGULATOR OUTPUT
	C6	Δ 3	SYNTHESIZER CLOCK
	C6	Δ 4	TX DATA
	B6	Δ 5	TX LATCH
	B6	Δ 6	LOCK DETECT
	C4	Δ 7	CONTROL VOLTAGE
	D4	Δ 8	BESSEL GENERATOR SUPPLY
	D3	Δ 9	BESSEL GENERATOR OUTPUT
	D3	Δ 10	GROUND
	D2	Δ 11	+V SUPPLY
	C2	Δ 13	TX ENABLE
	D2	Δ 14	TX +V
RECEIVER	B6	Δ 1	+5 V REGULATOR OUTPUT

SCHEMATIC / COORDINATES		TEST POINT	DESCRIPTION
RECEIVER	B5	Δ 2	LOCK DETECT
	B5	Δ 3	SYNTHESIZER CLOCK
	B5	Δ 4	DATA
	B5	Δ 5	LATCH
	B5	Δ 6	GROUND
	A5	Δ 7	+12 V SUPPLY
	A5	Δ 8	+8 V REGULATOR OUTPUT
	B4	Δ 9	VCO CONTROL VOLTAGE
	D3	Δ 10	21.4 MHZ BANDPASS RESPONSE
	C2	Δ 11	RX AUDIO
	D1	Δ 12	SQUELCH OUT
	D1	Δ 13	IF SUPPLY
POWER SUPPLY --		Δ 1	FUSE (F301)
	--	Δ 2	EXTERNAL BATTERY
	--	Δ 3	EXTERNAL BATTERY
	--	Δ 4	BATTERY CHARGE DISABLE
	--	Δ 5	CHARGE VOLTAGE OUTPUT
	--	Δ 6	REG +12.6 V SUPPLY
	--	Δ 7	BATTERY CHARGE CONTROL
	--	Δ 8	FILTERED +V SUPPLY
	--	Δ 9	AC MAINS STATUS
	--	Δ 10	TRANSFORMER CENTER-TAP
	--	Δ 11	RELAY CONTROL
	--	Δ 12	SUPPLY INPUT/F302
	--	Δ 13	FAN ENABLE CONTROL
	--	Δ 14	FAN SWITCH



	R165	R164	R170	R166	CR108	Q110	R162	R163	Y102
MOD "H" *	68K	120K	100K	56K	MMB06100	MMBF1309	NO PART	NO PART	02300611
MOD "C" *	38K	75K	100K	62K	MMB07000	MMBF1310	3.3K LEADED	10K SMT	02300609



TOP SIDE PARTS PLACEMENT W/ REF DESS
RRX-450 RECEIVER 1730142K
RITRON, INC. 01/10/97

LAST ECN #2430

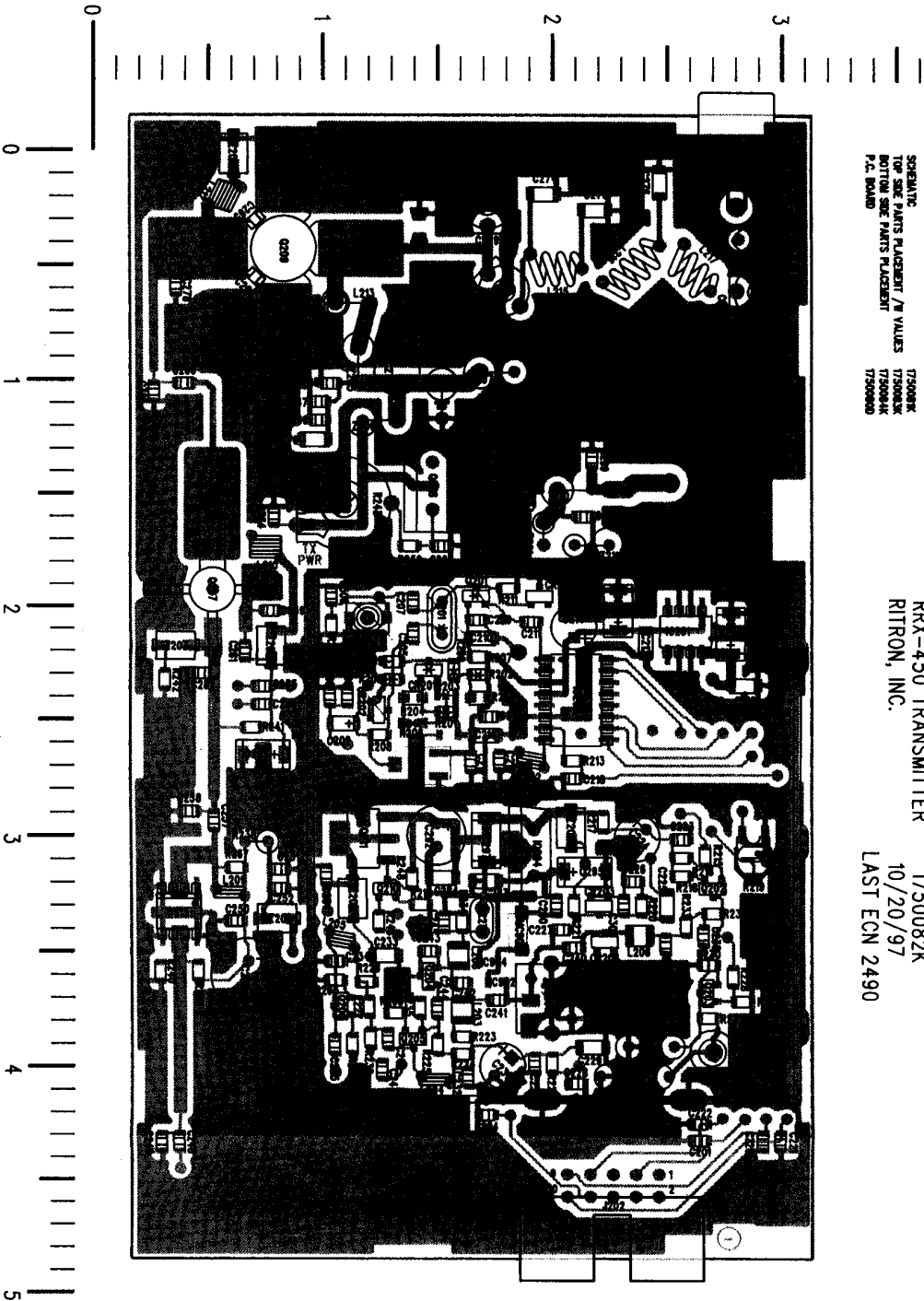
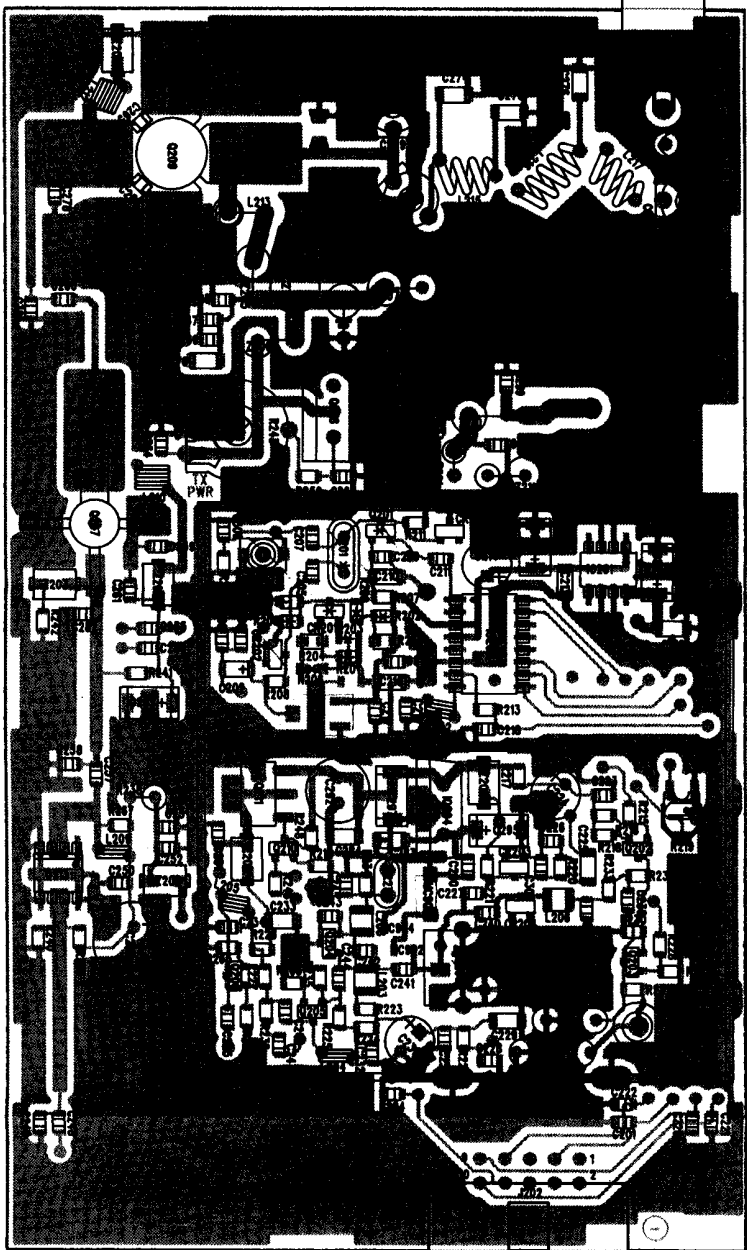
SCHEMATIC	173014K
TOP SIDE PARTS PLACEMENT W/ VALUES	1730143K
BOTTOM SIDE PARTS PLACEMENT	1730144K
P.C. BOARD	1730140C

	R201	R202	R203	R204	CR201	Q201	R203	R206	Y201
MOD "H" *	68K	120K	100K	56K	LM5006100	LM50FJ309	NO PART	NO PART	02300611
MOD "C" *	39K	75K	100K	82K	LM507000	LM50FJ310	3.3K	10K	02300609

SCHEMATIC
TOP SIDE PARTS PLACEMENT / W VALUES
BOTTOM SIDE PARTS PLACEMENT
P.C. BOARD

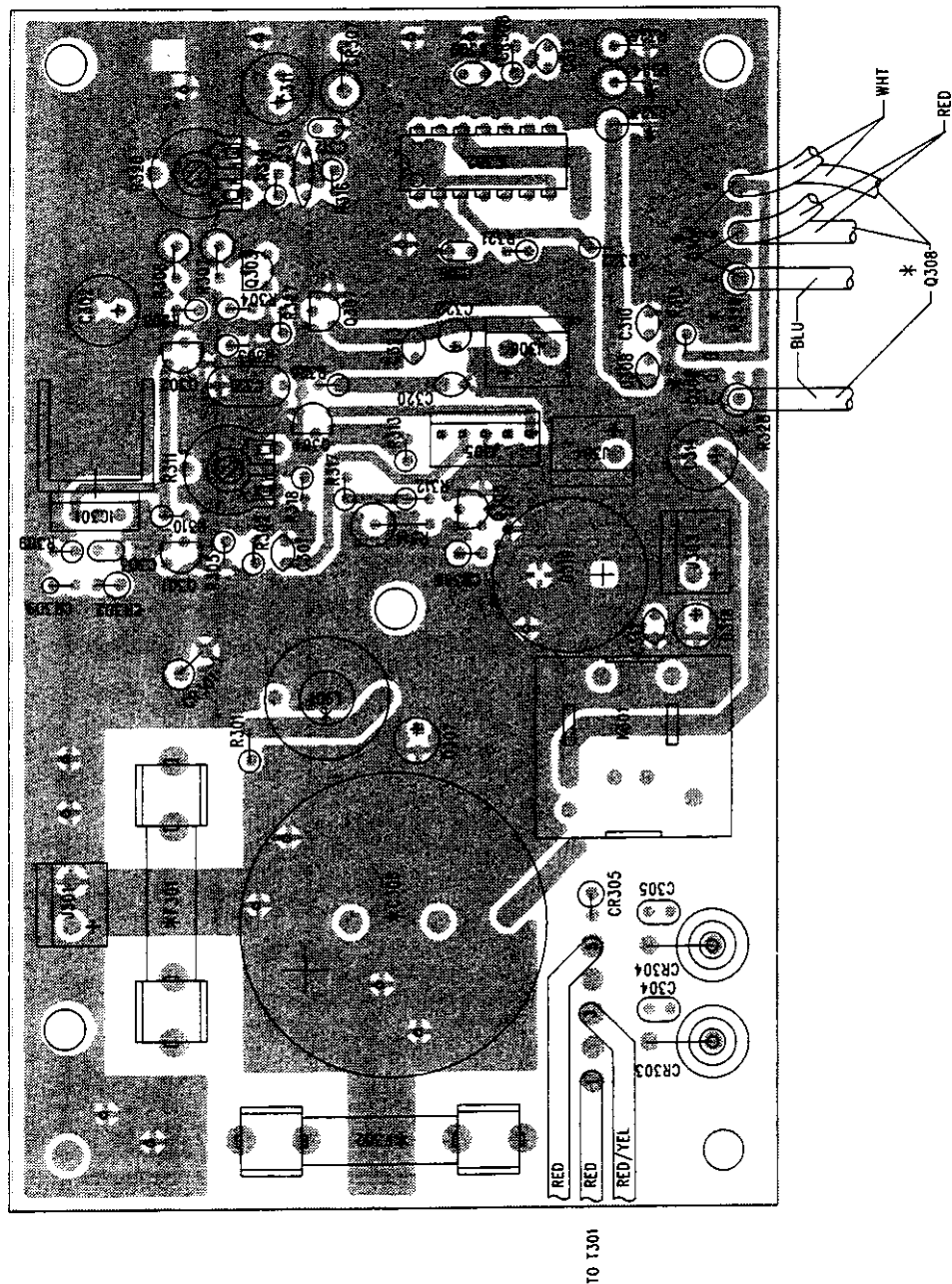
1750082K
1750082K
1750082K
1750082K

TOP PARTS PLACEMENT / W RES. DES.
RRX-450 TRANSMITTER
RITRON, INC.
10/20/97
LAST ECN 2490





RITRON, INC. 04/01/97



COMPONENT CHART

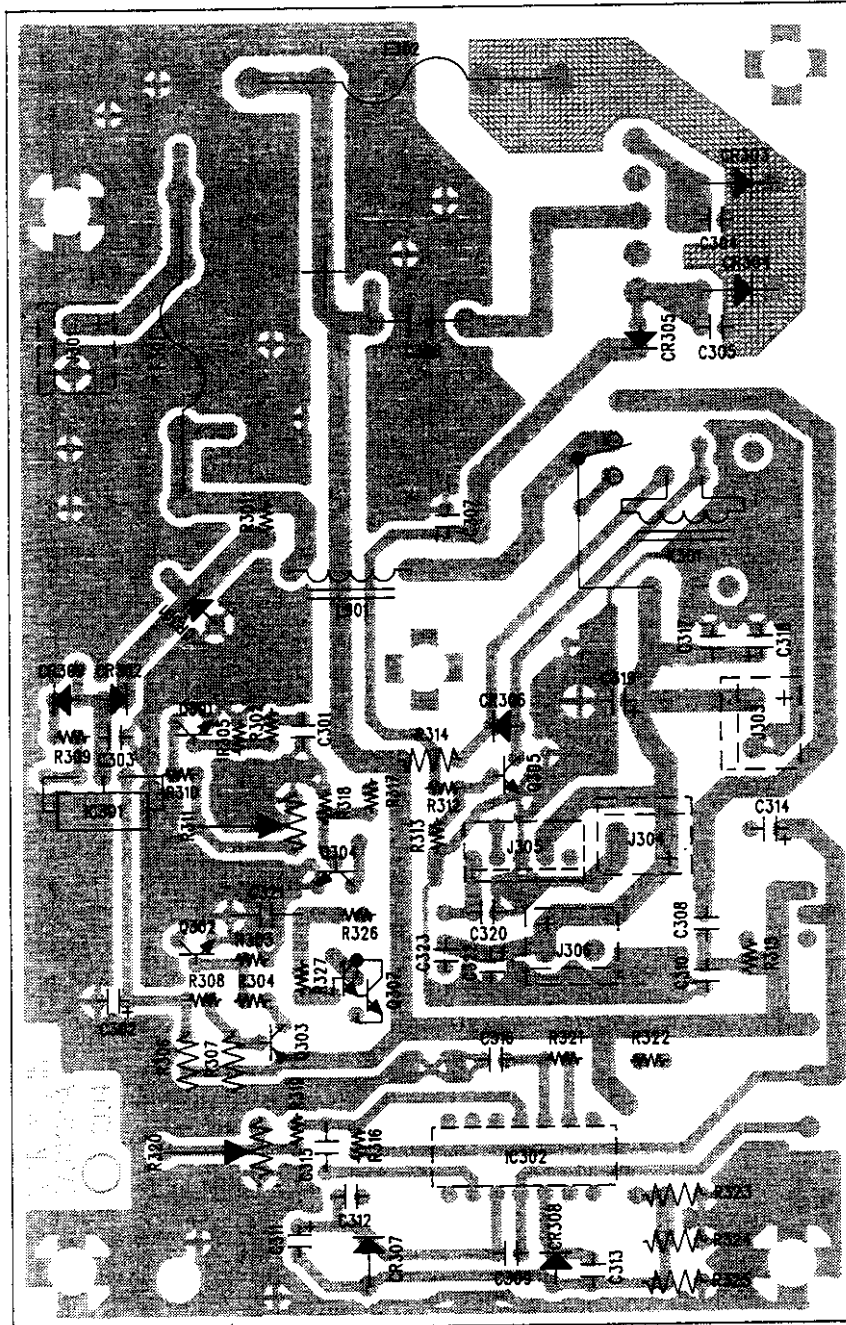
*	F 301	F 302	C 306	Q 306	R 323	R 324	Q 308	R 328	R 329	L 901
4A SUPPLY	05110005	05110005	01503036	04800019	04720050	04720050	NOT USED	NOT USED	NOT USED	OPTIONAL
9A SUPPLY	05110012	05110012	01503039	04800027	04720047	NOT USED	04800027	04720047	04720047	OPTIONAL

SCHEMATIC	17301510
TOP SIDE PARTS PLACEMENT W/VALUES	17301530
BOTTOM SIDE PARTS PLACEMENT	17301540
P.C. BOARD	1730150A

LAST ECN 2449

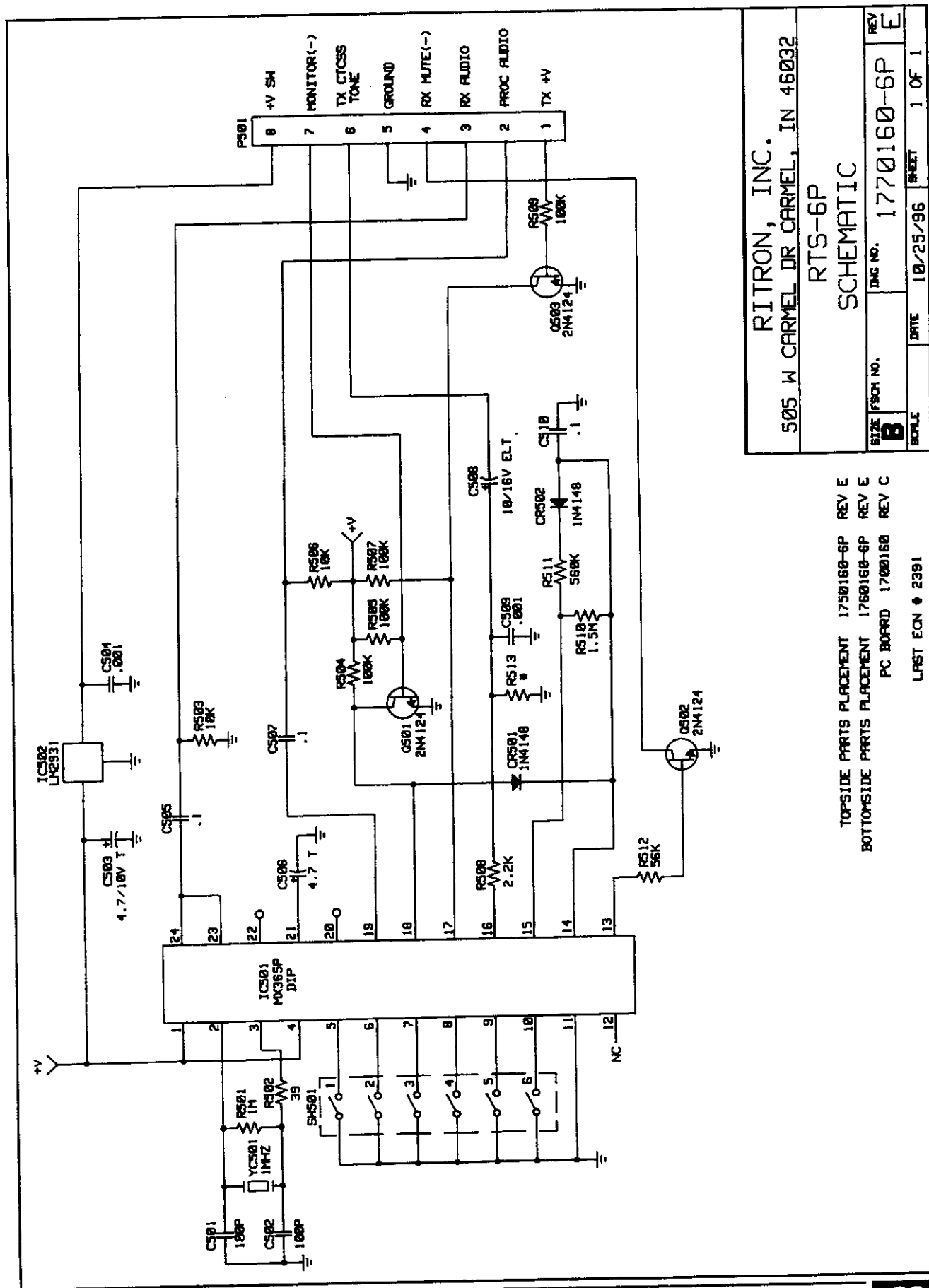
RRX-450 REPEATER PWR SUPPLY
BOTTOM SIDE PARTS PLACEMENT
1730154C

RITRON, INC. 01/10/97



SCHMATIC	1730151C
TOP SIDE PARTS PLACEMENT W/REF. DES.	1730152C
TOP SIDE PARTS PLACEMENT W/VALUES	1730153C
P.C.BOARD	1730150A

RTS-6P Schematic



RITRON, INC.
505 W CARMEL DR CARMEL, IN 46032

RTS-6P
SCHEMATIC

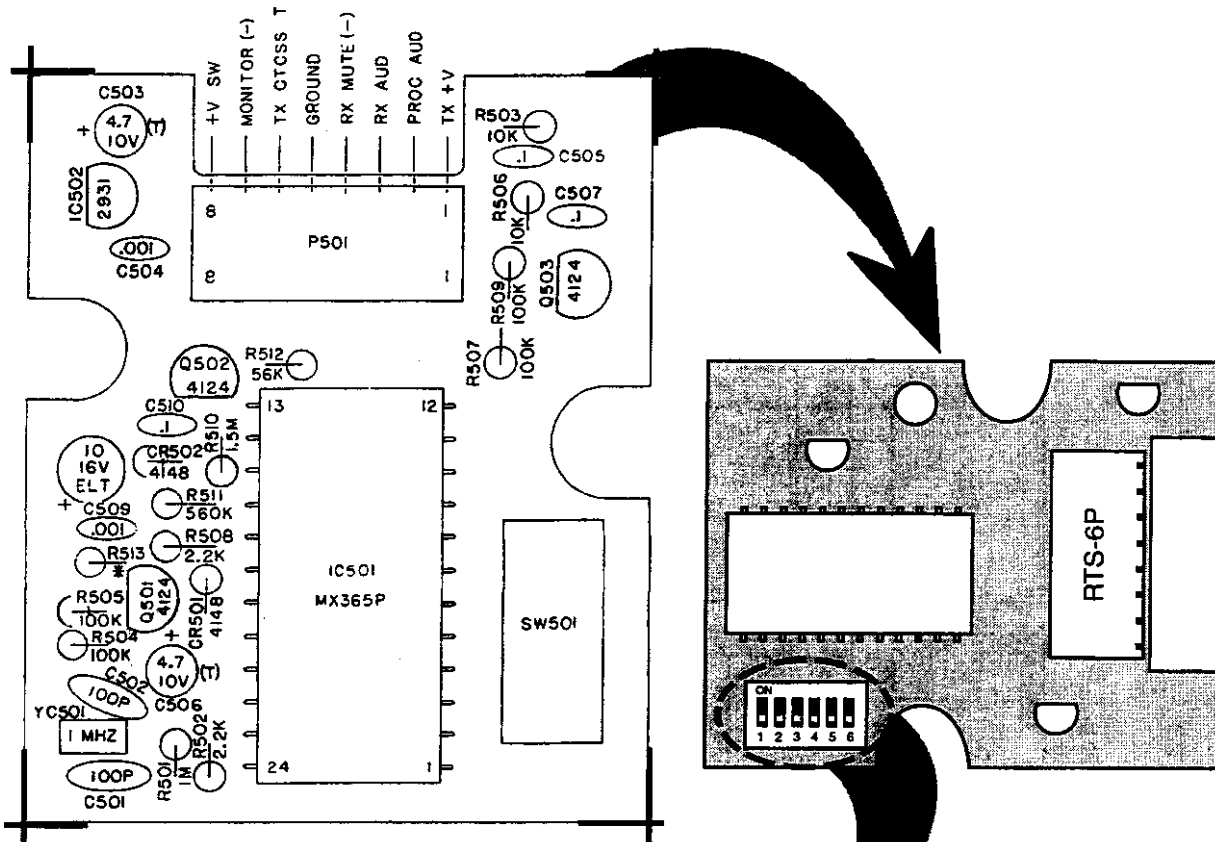
SIZE	FIG NO.	DATE	SHEET	REV
B	1770160-6P	10/25/96	1 OF 1	E

TOPSIDE PARTS PLACEMENT 1750160-6P REV E

BOTTOMSIDE PARTS PLACEMENT 1760160-6P REV E

PC BOARD 1700160 REV C

LAST EGN # 2391



QUIET CALL CODES AND FREQUENCIES

QC Code	Freq. (Hz)	Levers 1—6	QC Code	Freq. (Hz)	Levers 1—6
01	67.0	111111	20	131.8	001001
02	71.9	011111	21	136.5	011000
03	74.4	111110	22	141.3	001000
04	77.0	001111	23	146.2	010111
05	79.7	111101	24	151.4	000111
06	82.5	011110	25	156.7	010110
07	85.4	111100	26	162.2	000110
08	88.5	001110	27	167.9	010101
09	91.5	111011	28	173.8	000101
10	94.8	011101	29	179.9	010100
11	97.4	111010	30	186.2	000100
12	100.0	001101	31	192.8	010011
13	103.5	011100	32	203.5	000011
14	107.2	001100	33	210.7	010010
15	110.9	011011	34	218.1	000010
16	114.8	001011	35	225.7	010001
17	118.8	011010	36	233.6	000001
18	123.0	001010	37	241.8	010000
19	127.3	011001	38	250.3	000000

NOTE: 0 = Lever in the ON position.
1 = Lever in the OFF position.