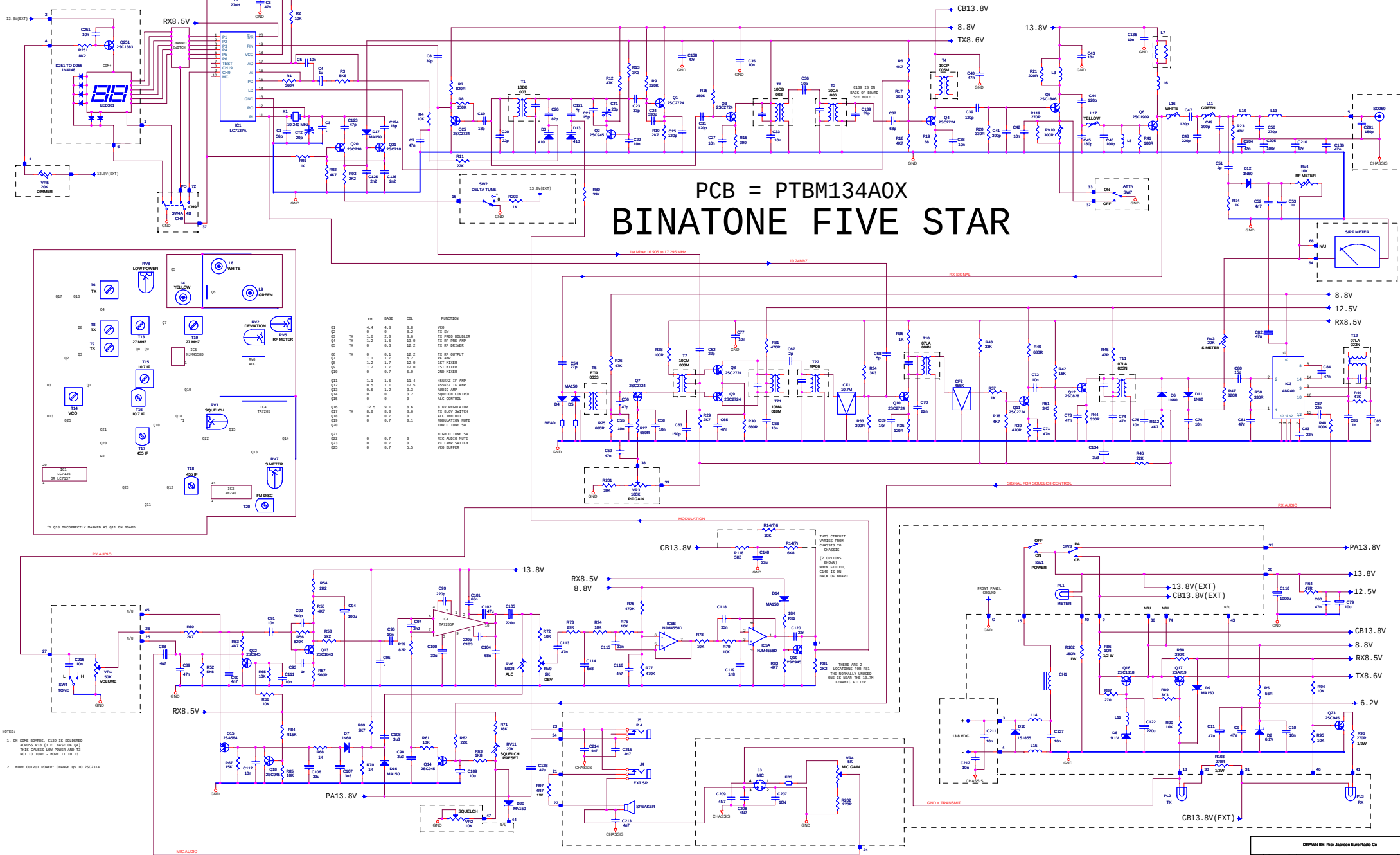
PCB = PTBM134A0X

BINATONE FIVE STAR



NOTES:

1. ON SOME BOARDS, C139 IS SOLDERED ACROSS R18 (I.E. BASE OF Q4) THIS CAUSES LOW POWER AND T3 NOT TO TUNE - MOVE IT TO T3.
2. MORE OUTPUT POWER: CHANGE Q5 TO 2SC2314.

		EM	BASE	COL	FUNCTION
Q1		4.4	4.8	8.8	VCO
Q2		0	0	8.2	TX SW
Q3	TX	1.6	2.0	8.6	TX FREQ DOUBLER
Q4	TX	1.2	1.6	13.8	TX RF PRE-AMP
Q5	TX	0	0.3	12.2	TX RF DRIVER
Q6	TX	0	0.1	12.2	TX RF OUTPUT
Q7		1.1	1.7	8.2	RF AMP
Q8		1.2	1.7	12.8	1ST MIXER
Q9		1.2	1.7	12.8	1ST MIXER
Q10		0	0.7	8.8	2ND MIXER
Q11		1.1	1.6	11.4	455KHZ IF AMP
Q12		0.5	1.1	12.5	455KHZ IF AMP
Q13		0.6	1.2	3.3	AUDIO AMP
Q14		0	0	3.2	SQUELCH CONTROL
Q15		0	0	0	ALC CONTROL
Q16		12.5	9.1	8.6	8.8V REGULATOR
Q17	TX	0.8	8.8	8.6	TX 8.8V SWITCH
Q18		0	0.7	0	ALC INHIBIT
Q19		0	0.7	0.1	MODULATION MUTE
Q20					LOW D TUNE SW
Q21					HIGH D TUNE SW
Q22		0	0.7	0	MIC AUDIO MUTE
Q23		0	0.7	0	RX LAMP SWITCH
Q25		0	0.7	5.5	VCO BUFFER

DRAWN BY: Rick Jackson Euro Radio Co		
Size: D	Document Number: BINATONE 5 STAR.SCH	Rev: 1.0
Date: Wednesday, February 07, 2007	Sheet: 1 of 1	