

Front-End Board

Voltage, Resistance & Waveform Chart

Assembly 61-S0002-001



Front-End Board
ASSEMBLY: 61-S0002-001

Voltage, Resistance, and Waveform Chart

Pin	Resistance		Voltage			Waveform
	Scale	R	Scale	PTT	Tune	
52			16	-15	-15	<i>All voltages +/- 10%.</i>
58/66			8	1.5 to 4	-2 to -4	
65			16	0.3	-14.8	
67			16	-14.8	0.3	
70			16	15	15	
IC1						
1			16	0	-6	
2			16	0	-8	
3			16	0	-12	
4			16	0	-8.7	
5			16	0	-6	
6			16	0	-3.2	
7			16	0	0	
8			16	0	0	
Q1						
1			16	10	14.9	
2			4	2.5	-2.5	
3			.4	0	0	
4			1.6	.3 to .9	0	
Q2						
1			16	14	14.9	
2			4	1	-2.6	
3			.4	0	0	



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Pin	Resistance		Voltage			Waveform
	Scale	R	Scale	PTT	Tune	
4			1.6	.3 to .9	0	
Q3						
1			16	14.3	14.9	
2			4	1.5 to 4	-2.5	
3			16	0.25	-7	
4			1.6	0.6	0	
Q4						
1			16	14.9	14.4	Drain
2			4	-2.2	3.8	G2
3			.4	0	0	G1
4			.8	0	0.5	Source
Q5						
Collector			16	14	14	
Base			.4	0	0	
Emitter			1.6	-0.7	-0.7	
Q6						
1			.4	0	0	
2			16	-13.8	-13.8	
3			16	-14.4	-14.4	
4			16	-14.4	-14.4	



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Pin	Resistance		Voltage			Waveform
	Scale	R	Scale	PTT	Tune	
Q7						
Collector				ground	ground	
Base			16	-10.5	-10.5	
Emitter			16	-11	-11	