

BFO Card

Voltage, Resistance & Waveform Chart

Assembly 61-S0004-001



BFO Card
ASSEMBLY: 61-S0004-001

Voltage, Resistance, and Waveform Chart

Pin	Resistance		Voltage		Waveform
	Scale	R	Scale	V	
200			16	15	<i>All voltages +/- 10%.</i>
201			16		Varies from 0 to -12, approximately, with T.O. Control
202			16		Varies from +10 to -8.7 with Calibrate Control
203			16	-8.7	
204			16	≈-13	
205			16	0	-15 when in A/TO
206			16	-14.8	0 when in A/TO + Tune
207					
208				ground	
209			16	0	Depends on value of R45 on BFO Board
210			16	9.2	
211				ground	
212					
213			16	-15	0 when in Tune
214				ground	
215					
216			16	-15	+15 when in LSB
217			16		Varies with I.F. Shift Control (-14 to +5)
218			16	-14	
219			16	-15	0 when in Tune
220			16	-15	
221			16	0	-15 when in Tune
222			16	+5	Varies with I.F. Shift Control



"It Speaks for Itself"

signal/one

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Pin	Resistance		Voltage		Waveform
	Scale	R	Scale	V	
IC1					<i>All voltages +/- 10%.</i>
1			16	9	
2			16	4.5	
3				ground	
4			16	4	
5			16	9	
6			16	12	
7			16	13.8	
8			16	11.5	
IC2					
1			16	-5	
2			16	-9.5	
3			16	-14	
4			16	-10	
5			16	-5	
6			16	0	
7				ground	
8				ground	
IC3					
1			16	-5	
2			16	-9.5	
3			16	-14	
4			16	-10	
5			8	-5	
6			4	-1.2	



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Pin	Resistance		Voltage		Waveform
	Scale	R	Scale	V	
7				ground	
8				ground	
Q1					
Collector			16	4 to 14	-14.6 in Tune
Base			16	-15	-14.5 in Tune
Emitter			16	-15	
Q2					
Collector			16	-14.8	-12 in Tune
Base			16	-14.5	-15 in Tune
Emitter			16	-15	-15 in Tune
Q3					
1			16	15	14 in Tune
2			1.6	0	.4 to 1.0 in Tune
3			16	-4.5	.2 in Tune
4			1.6	0	4. to 1.0 in Tune
Q4					
Collector			16	14	
Base			16	7.2	
Emitter			16	6.7	

