

NOTE: Measuring instrument is a 50K $\Omega$ /V multimeter.

**MAIN UNIT TRANSISTORS**

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TR No.	TRANSMIT				RECEIVE				REMARKS
	BASE OR GATE1	GATE2	COLLECTOR OR DRAIN	EMITTER OR SOURCE	BASE OR GATE1	GATE2	COLLECTOR OR DRAIN	EMITTER OR SOURCE	
Q 1	0		0	GND	0.75		1.9	GND	
Q 2	0		0	0	2.2		5.5	1.9	
Q 3	0		0	0	0		5.4	1.6	
Q 4	0		0	GND	0.7		0.9	GND	
Q 5	0		0	0	1.6		2.2	0.9	
Q 6	4.2		4.8	5.0	0		4.9	5.0	
Q 7	0		0.7	GND	0		0.3	GND	
Q 8	0.7		0	GND	0.3		4.1	GND	
Q 9	4.6		0	5.6	4.2		4.9	5.0	
Q10	0		8.2	0	4.9		8.4	4.4	
Q11	7.8		0	8.4	7.8		5.6	8.4	
Q12	4.8		7.9	4.2	0		8.4	0	
Q13	0		0.5	0	3.7		1.5/0	2.8/3.4	IC-2E/A
Q14	0.6		0	GND	0.6/0		0/8.2	GND	IC-2E/A
Q15	0		7.8	0	0/8.2		7.8	0/7.6	IC-2E/A
Q16	7.8		0	8.4	7.8		7.6/0	8.4	
Q17	0.6		8.4	2.0	5.0		8.4	2.0	
Q18	8.2		5.0	8.4	8.4		5.0	8.4	
Q19	0.6		8.2	GND	0.5		8.4	GND	
Q20	0.6		0.6	GND	0.6		0.5	GND	
Q21	5.7		3.4	5.0	5.8		0	5.0	
Q22	3.4		4.0	4.2	0		0	0	
Q23	4.8		3.8	3.9	3.2		1.3	5.0	
Q24	0.6		0	GND	0		4.9	GND	
Q25	2.4		4.2	2.0	0		0	0	
Q26	2.6		3.6	2.0	0		0	0	
Q27	3.6		2.6	4.1	0		0	0	
Q28	0.6		2.0	GND	0		0	GND	
Q29	2.1		4.2	1.9	0		0	0	
Q30	0/4.9		4.4/7.7	2.6/4.9	0/0		0/7.8	0/0	IC-2E/A
Q31	4.4/8.3		8.4/6.1	4.0/8.4	0/8.4		8.4/0	0/8.4	IC-2E/A
Q32	0		0.6	GND	0		0.6	GND	IC-2AT only

**PLL UNIT TRANSISTORS**

TR No.	TRANSMIT				RECEIVE				REMARKS
	BASE OR GATE1	GATE2	COLLECTOR OR DRAIN	EMITTER OR SOURCE	BASE OR GATE1	GATE2	COLLECTOR OR DRAIN	EMITTER OR SOURCE	
Q 1	0		4.0	0.8	0		4.0	0.75	
Q 2	0.7		1.0	GND	0.7		1.0	GND	
Q 3	1.6		2.9	1.0	1.6		2.9	1.0	
Q 4	0.7		0.7	GND	0.7		0.7	GND	
Q 5	1.4		3.4	0.9	1.4		3.4	0.9	
Q 6	1.3		4.9	0.8	1.3		4.9	0.8	
Q 7	0		0	1.5	2.0		4.4	1.7	
Q 8	0.5		1.5	GND	0.5		1.7	GND	
Q 9	1.8		4.4	1.5	0		0	1.7	
Q10	0		1.2	GND	0.7		0	GND	
Q11	1.1		8.2	0.5	0		9.0	0	
Q12	0.55		8.6	0.1	0		9.0	0	Power HIGH
Q13	1.2		8.8	GND	0		9.0	GND	
Q14	4.6		0	5.0	4.6		0	5.0	

