

BILL OF MATERIAL FOR JHON Q.

CIRCUIT SYMBOL	DESCRIPTION	PART NO.	CIRCUIT SYMBOL	DESCRIPTION	PART NO.
IC-1	Integrated Circuit	2000-001	L-26, 27, 28, 29	Bead Core	2200-103
IC-2	Integrated Circuit	2000-002	L-26, 27, 28, 29	Coil	2200-019
IC-3	Integrated Circuit	2000-003	T-2	Choke Trans	2300-001
IC-4	Integrated Circuit	2000-004	T-1	Out Put Trans	2600-001
IC-5	Integrated Circuit	2000-005	L-30	Coil	2200-019
IC-6	Integrated Circuit	2000-006	L-14, 31	Bead Core	2200-104
TR-2, 18	F.E.T.	2000-101	Variable Resistors		
TR-9	F.E.T.	2000-102	VR-2	Variable Resistor	1900-101
TR-13	F.E.T.	2000-103	VR-3	Variable Resistor	1900-102
TR-21	Transistor	2000-201	VR-4	Variable Resistor	1900-103
TR-22	Transistor	2000-202	VR-1	Variable Resistor	1900-104
TR-12, 17, 19, 20, 23	Transistor	2000-203	RT-4	Semi fixed Resistor	1900-201
TR-3, 4, 5, 14, 10	Transistor	2000-204	RT-1, 2, 3, 5	Semi fixed Resistor	1900-202
TR-1	Transistor	2000-205	RESISTORS		
TR-8	Transistor	2000-206	R-104	Metalized Resistor	1900-301
TR-7	Transistor	2000-207	R-105	Metalized Resistor	1900-302
TR-6	Transistor	2000-208	R-127	Metalized Resistor	1900-303
TR-15, 16	Transistor	2000-209	R-126	Metalized Resistor	1900-304
TR-11	Transistor	2000-210	R-103	Carbon Resistor	1900-001
D-4, 5, 7	Forming Diode	2000-301	R-77	Carbon Resistor	1900-002
D-1, 2, 3, 8, 9, 13, 17	Forming Diode	2000-302	R-78	Carbon Resistor	1900-003
D-6, 11, 12	Forming Diode	2000-303	R-31	Carbon Resistor	1900-004
D-10, 16	Diode	2000-304	R-33	Carbon Resistor	1900-005
D-14, 15	Zener Diode	2000-305	R-35, 74	Carbon Resistor	1900-006
D-19	L.E.D.	2000-306	R-15, 82	Carbon Resistor	1900-007
D-18	L.E.D.	2000-307	R-38, 41	Carbon Resistor	1900-008
L-1	Coil	2200-001	R-17, 22, 36, 42, 101	Carbon Resistor	1900-009
L-6	Coil	2200-002	R-6, 7, 9, 12	Carbon Resistor	1900-010
L-3	Coil	2200-003	R-1, 46	Carbon Resistor	1900-011
L-4	Coil	2200-004	R-21	Carbon Resistor	1900-012
L-5	Coil	2200-005	R-72, 91, 32	Carbon Resistor	1900-013
L-7	Coil	2200-006	R-5, 8, 11, 16, 61	Carbon Resistor	1900-014
L-8	Coil	2200-007	R-49, 75, 95, 112, 114	Carbon Resistor	1900-015
L-17	Coil	2200-008	R-13, 73, 125	Carbon Resistor	1900-016
L-23	Coil	2200-009	R-80	Carbon Resistor	1900-017
L-19	Coil	2200-010	R-2, 40, 93, 100, 97, 123	Carbon Resistor	1900-018
L-20	Coil	2200-011	R-4, 10, 14, 19, 69, 108	Carbon Resistor	1900-019
L-16	Coil	2200-012	R-1, 46	Carbon Resistor	1900-020
L-18	Coil	2200-013	R-21	Carbon Resistor	1900-021
L-2	Coil	2200-014	R-72, 91, 32	Carbon Resistor	1900-022
L-9, 15	Coil	2200-015	R-5, 8, 11, 16, 61	Carbon Resistor	1900-023
L-11, 12	Coil	2200-016	R-49, 75, 95, 112, 114	Carbon Resistor	1900-024
L-13, 32	Coil	2200-017	R-13, 73, 125	Carbon Resistor	1900-025
L-24	Bead Core A	2200-018	R-80	Carbon Resistor	1900-026
L-10	Coil	2200-019	R-2, 40, 93, 100, 97, 123	Carbon Resistor	1900-027
L-25	Bead Core	2200-101	R-4, 10, 14, 19, 69, 108	Carbon Resistor	1900-028
L-22	Micro Inductor	2200-201	R-1, 46	Carbon Resistor	1900-029
L-21	Micro Inductor	2200-202	R-21	Carbon Resistor	1900-030

CIRCUIT SYMBOL	DESCRIPTION	PART NO.	CIRCUIT SYMBOL	DESCRIPTION	PART NO.
RESISTORS (Continued)					
R-106	Carbon Resistor	150K ohm	1/8W J	1900-030	
R-27	Carbon Resistor	180K ohm	1/8W J	1900-031	
R-76, 109	Carbon Resistor	220K ohm	1/8W J	1900-032	
R-25, 96	Carbon Resistor	330K ohm	1/8W J	1900-033	
R-92	Carbon Resistor	470K ohm	1/8W J	1900-034	
R-94	Carbon Resistor	1.5M ohm	1/8W J	1900-035	
R-110	Carbon Resistor	2.2M ohm	1/8W J	1900-036	
R-29	Carbon Resistor	470K ohm	1/8W J	1900-037	
R-34	Carbon Resistor	33 ohm	1/8W J	1900-038	
R-130	Carbon Resistor	2.2M ohm	1/8W J	1900-039	
PR-1	Compound Parts	HA-006		1900-401	
PR-2,3	Compound Parts	HA-008		1900-402	
CAPACITORS					
C-64, 65	Tantalum Condenser	2.2μ	16V M	1800-202	
C-93, 112, 113, 124	Solid Aluminum Condenser	0.1μ	16V M	2800-501	
C-69, 97	Solid Aluminum Condenser	0.22μ	16V M	1800-502	
C-111	Electrolytic Condenser	0.47μ	50V	1800-301	
C-27	Electrolytic Condenser	1μ	50V	1800-302	
C-23, 99, 110	Electrolytic Condenser	2.2μ	25V	1800-303	
C-18	Electrolytic Condenser	4.7μ	25V	1800-304	
C-132	Electrolytic Condenser	220μ	25V	1800-305	
C-91, 121, 31, 115, 117	Electrolytic Condenser	10μ	16V	1800-306	
C-100, 104, 118, 129	Electrolytic Condenser	33μ	16V	1800-307	
C-76, 107, 109	Electrolytic Condenser	220μ	16V	1800-308	
C-126	Electrolytic Condenser	470μ	16V	1800-309	
C-131	Electrolytic Condenser	100μ	10V	1800-310	
C-66, 74	Electrolytic Condenser	470μ	6.3V	1800-311	
C-96	Mylar Condenser	0.001μ	50V M	1800-401	
C-98, 92, 138	Mylar Condenser	0.01μ	50V M	1800-402	
C-10, 16, 67, 75, 106	Mylar Condenser	0.022μ	50V M	1800-403	
C-21, 103, 108	Mylar Condenser	0.039μ	50V M	1800-404	
C-85	Ceramic Condenser	47P	50V J RH	1800-001	
C-37	Ceramic Condenser	0.5P	50V C CH	1800-002	
C-7	Ceramic Condenser	1P	50V C RH	1800-003	
C-17	Ceramic Condenser	2P	50V C RH	1800-004	
C-61	Ceramic Condenser	5P	50V C RH	1800-005	
C-63	Ceramic Condenser	15P	50V J RH	1800-006	
C-1	Ceramic Condenser	22P	50V J RH	1800-007	
C-32	Ceramic Condenser	56P	50V J RH	1800-008	
C-52	Ceramic Condenser	100P	50V J RH	1800-009	
C-51	Ceramic Condenser	330P	50V J RH	1800-010	
C-84	Ceramic Condenser	7P	50V C RH	1800-011	
C-50	Ceramic Condenser	4P	50V C RH	1800-012	
C-14, 34	Ceramic Condenser	10P	50V K SL	1800-013	
C-78, 79	Ceramic Condenser	22P	50V K SL	1800-014	
C-116	Ceramic Condenser	33P	50V K SL	1800-015	
C-49, 60, 94, 95, 136	Ceramic Condenser	100P	50V K SL	1800-016	
C-43	Ceramic Condenser	120P	50V K SL	1800-017	
C-102	Ceramic Condenser	68P	50V K SL	1800-018	
C-35, 42, 81, 105	Ceramic Condenser	220P	50V K SL	1800-019	
C-114	Ceramic Condenser	330P	50V K SL	1800-020	
C-54	Ceramic Condenser	390P	50V K SL	1800-021	
C-40	Ceramic Condenser	47P	50V K SL	1800-022	
CAPACITORS (Continued)					
C-36	Ceramic Condenser	180P	50V K SL	1800-023	
C-25, 26, 29, 123, 125	Ceramic Condenser	0.047μ	50V K YB	1800-024	
C-46	Ceramic Condenser	0.01μ	50V K YB	1800-025	
C-77, 120, 127, 28, 154	Ceramic Condenser	0.001μ	25V Z YG	1800-026	
C-2, 3, 4, 5, 6, 8, 9, 11, 15	Ceramic Condenser	0.01μ	25V Z YG	1800-027	
20, 38, 39, 62, 68, 71, 73					
80, 122, 133, 134, 135					
141, 142, 152, 153, 151					
83, 57, 140, 149, 150, 137					
30, 72, 143, 144, 145, 147					
148, 45, 47, 48, 56					
C-13, 19, 22, 41, 44, 128	Ceramic Condenser	0.039μ	25V Z YG	1800-034	
130					
C-12	Ceramic Condenser	0.047μ	25V Z YG	1800-036	
TC-1	Trimmer Condenser	CV-024	20P	1800-201	
CC-1, 2	Compound Parts	HA-003		1800-103	
CRYSTALS					
X-2	Crystal	10.240MHz	QX-077	2100-001	
X-1	Crystal	10.695MHz	QX-078	2100-002	
X-3	Crystal	36.570MHz	QX-079	2100-003	
MISCELLANEOUS					
CF-1	Ceramic Filter	SFE10.7MSZ-U	FL047	2200-301	
CF-2	Ceramic Filter	CFW455H	FL050	2200-302	
S-2, 4, 5	Push Switch	SR-093		3000-001	
S-1	Rotary Switch	SR-155		3000-101	
M-1	Sepaker	SP-003		3100-001	
J-1, 2	Meter	MT-087		2900-001	
J-5	Microphone	MK-023		3200-001	
J-4	Jack	JK-010		1100-001	
J-3	Jack	JK-035		1100-002	
	Jack	JK-052		1100-003	
	Jack	JK-058		1100-004	
	Jack	JK-073		1100-005	
TP-1, 2, 3, 4, 5, 6, 7	Check Terminals	TP-029		1100-101	
	Fuse	FS-001	2A	2800-001	
	DC Code	W-070088		2700-001	
	Chassis			3300-001	
	Upper Case			3300-101	
	Lower Case			3300-102	
	Bracket			3300-201	
	Heat Sink (audio)			3300-301	
	Heat Sink (TR)			3300-302	
	Mike Hanger			3300-401	
	Shield Panel			3300-501	
	P.C. Board Main	PC-199AA		3500-001	
	P.C. Board CH SW	PC-209AA		3500-002	
	P.C. Board Mike Jack	PC-181AA		3300-502	
	Front Panel			1300-001	
	Channel Knob			3400-001	
	LED Holder			1300-002	
	Knob				

CIRCUIT
SYMBOL

DESCRIPTION

MISCELLANEOUS (Continued)

DESCRIPTION	PART NO.
Push Knob	1300-003
LED Cap	3400-002
FCC Plate	1700-001
Mike Plate	1700-101
Control No. Seal	1700-201
Warning Label	1700-301
Transmitter Card	1600-001
Serial No. Seal	1700-401
Control Plate	1700-501
Digital Window	3400-101
Screw for Mounting Bracket	1100-201
Rubber Washer (bracket)	1100-301
Rubber Washer (SP)	1100-302
Wool Tac	1100-401
Rubber Bush	1100-501
Protective Panel	1100-601
Screw	M3 x 4 audio
Screw	M3 x 6 TX TR
Screw	M3 x 5 front panel
Screw	M3 x 6 Case
Screw	M3 x 8 SP
Tapping Screw	3 x 6 PCB, DC connector
Blind Tapping	3 x 8 Push SW
Tapping	3.5 x 8 Mike Hanger
Tapping	5 x 10 Bracket
Flange Nut	SP
Lugged Washer	Mike Hanger
Lugged Washer	Bracket
Rivet	
Lug Terminal	
Stylofoam (front)	
Stylofoam (back)	
Display Box	
Wiring Drawing	
Instruction Manual	
Warranty Card	
FCC Application Form	
FCC Temporary License Form	
Booklet About Part 95	