

BILL OF MATERIAL FOR TEDDY R.

PART NO.

DESCRIPTION

CIRCUIT SYMBOL

DESCRIPTION

PART NO.

IC, TRANSISTORS & DIODES

IC-1	Integrated Circuit μ PC 1156HZ.	2000-005
IC-2	Integrated Circuit μ PC592HZ	2000-006
IC-3	Integrated Circuit μ PD858C	2000-001
IC-4	Integrated Circuit MB84011U.	2000-002
IC-5	Integrated Circuit UHIC-004	2000-003
IC-6	Integrated Circuit NJM78L05A.	2000-004
IC-7	Integrated Circuit μ PC577H	2000-007
TR-2, 12	FET 2SK55-D.	2000-101
TR-9	FET 3SK45-B.	2000-102
TR-18	FET 3SK45B-09	2000-103
TR-1	Transistor 2SC1342-B	2000-205
TR-3, 4, 5, 10, 19	Transistor 2SC460-B	2000-204
TR-6	Transistor 2SC2092	2000-208
TR-7	Transistor 2SC2091	2000-207
TR-8	Transistor 2SC2076-CB	2000-206
TR-11, 13, 14, 16, 17, 21, 22, 26, 28	Transistor 2SC458-C	2000-203
TR-15, 27	Transistor 2SA844-C	2000-202
TR-20	Transistor 2SA673-C	2000-201
TR 24, 25	Transistor 2SD467-C	2000-209

D-1, 2, 3, 7, 10, 14, 16, 24, 20, 21	Diode IS2473 (D type forming)	2000-302
D-4, 5, 8, 9, 26, 22	Diode IN60AM (D type forming)	2000-301
D-6, 12, 13	Diode IS2473K (D type forming)	2000-303
D-11, 19	Diode SRIK-1	2000-304
D-17, 18	Zener Diode CZ-092 (D type forming)	2000-308
D-15	Varicap IS2339-G (D type forming)	2000-309
D-301	Light Emitting Diode TRL321.	2000-306
D-303	Light Emitting Diode LR0702R	2000-307

COILS & TRANSFORMERS

L-1, 27	Coil LA-092.	2200-001
L-28	Coil LA-155.	2200-021
L-6	Coil LA-163.	2200-002
L-3	Coil LA-180.	2200-003
L-4	Coil LA-181.	2200-004
L-5	Coil LA-182.	2200-005
L-7	Coil LA-183.	2200-006
L-8	Coil LA-184.	2200-007
L-17	Coil LA-185.	2200-008
L-24	Coil LA-186.	2200-009
L-20	Coil LA-187.	2200-010
L-21	Coil LA-188.	2200-011
L-16	Coil LA-189.	2200-012
L-18	Coil LA-193.	2200-013
L-2	Coil LA-194.	2200-014
L-10, 15	Coil LC-017	2200-015

COILS & TRANSFORMERS

L-12	Coil LC-018	2200-020
L-11	Coil LC-020	2200-016
L-13	Coil LD-012	2200-017
L-9	Coil LD-073	2200-018
L-303, 305, 307, 309	Coil LD-046	2200-019
L-23	Micro Inductor LZ-002 1.5 μ	2200-201
L-19	Micro Inductor LZ-001 3.3 μ	2200-203
L-22	Micro Inductor LZ-001 100 μ	2200-204
T-2	Choke Trans TF-017	2300-001
T-1	Output Trans TF-107	2600-001
L-301, 302	Beads Core LD-072	2600-101
L-14, 25	Beads Core LD-075	2600-104
L-303, 305, 307, 309	Beads Core LD-077	2600-103

VARIABLE RESISTORS

VR-5	Semi-Fixed Resistor RV-133 5KB	1900-201
VR-4	Semi-Fixed Resistor RV-133 10KB	1900-203
VR-1	Semi-Fixed Resistor RV-133 20KB	1900-204
VR-2, 3, 6	Semi-Fixed Resistor RV-133 50KB	1900-202
VR-305	Variable Resistor RV-064 20KB	1900-106
VR-303, 304	Dual Resistor RV-085 10KA 50KB	1900-109
VR-308	Variable Resistor RV-196 20KB	1900-110
VR-306	Variable Resistor RV-195 20KB	1900-111
VR-301, 302	Dual Resistor RV-188 50KB 20KB	1900-112

RESISTORS

R-77	Metalized Resistor 2.2 ohm 1W K	1900-301
R-76	Metalized Resistor 22 ohm 1W K	1900-302
R-131	Metalized Resistor 68 ohm 2W K	1900-305
R-127	Metalized Resistor 200 ohm 2W K	1900-304
R-43	Carbon Resistor 2.2 ohm 1/8W J	1900-040
R-15, 119, 44, 42	Carbon Resistor 10 ohm 1/8W J (forming type)	1900-006
R-47, 49	Carbon Resistor 47 ohm 1/8W J (forming type)	1900-008
R-126	Carbon Resistor 56 ohm 1/8W J (forming type)	1900-041
R-38	Carbon Resistor 82 ohm 1/8W J (forming type)	1900-042
R-16, 45, 74, 51, 152, 151, 157	Carbon Resistor 100 ohm 1/8W J (forming type)	1900-009
R-5, 8, 11, 19, 52	Carbon Resistor 220 ohm 1/8W J (forming type)	1900-010
R-20, 304	Carbon Resistor 330 ohm 1/8W J (forming type)	1900-011
R-10, 64, 117	Carbon Resistor 560 ohm 1.8W J (forming type)	1900-013
R-3, 4, 103	Carbon Resistor 680 ohm 1/8W J (forming type)	1900-014
R-139	Carbon Resistor 820 ohm (forming type)	1900-017
R-1, 14, 58, 69, 61, 90, 91, 130, 134	Carbon Resistor 1.8K ohm 1/8W J (forming type)	1900-015
R-12, 118	Carbon Resistor 1K ohm 1/8W J (forming type)	1900-016
R-7, 98, 29, 65, 115, 121, 72	Carbon Resistor 1.5K ohm 1.8W J (forming type)	1900-018
R-48	Carbon Resistor 2.7K ohm 1.8W J (forming type)	1900-043
R-2, 9, 13, 18, 88, 110, 57, 85	Carbon Resistor 3.3K ohm 1.8W J (forming type)	1900-019
R-35, 73, 92	Carbon Resistor 4.7K ohm 1.8W J (forming type)	1900-020

CIRCUIT SYMBOL	DESCRIPTION	PART NO.	CIRCUIT SYMBOL	DESCRIPTION	PART NO.
RESISTORS (Continued)					
R-104, 138, 154	Carbon Resistor 5.6K ohm 1/8W J (forming type).	1900-021	C-2	Ceramic Capacitor 22P 50V J RH	1800-007
R-128	Carbon Resistor 6.8K ohm 1/8W J (forming type).	1900-022	C-171	Ceramic Capacitor 27P 50V J RH	1800-044
R-6, 17, 50, 59, 95, 97	Carbon Resistor 10K ohm 1/8W J (forming type).	1900-023	C-129	Ceramic Capacitor 47P 50V J RH	1800-001
129, 84, 106, 114, 105			C-43	Ceramic Capacitor 56P 50V J RH	1800-008
89, 133, 123, 124			C-72	Ceramic Capacitor 100P 50V J RH	1800-009
R-96, 94	Carbon Resistor 15K ohm 1/8W J (forming type).	1900-024	C-69	Ceramic Capacitor 330P 50V C SL	1800-010
R-21, 28, 108, 125, 156	Carbon Resistor 22K ohm 1/8W J (forming type).	1900-025	C-11	Ceramic Capacitor 5P 50V C SL	1800-045
R-137	Carbon Resistor 27K ohm 1/8W J (forming type).	1900-044	C-115, 303	Ceramic Capacitor 33P 50V J SL	1800-031
R-40, 54, 93, 135	Carbon Resistor 33K ohm 1/8W J (forming type).	1900-026	C-99	Ceramic Capacitor 68P 50V J SL	1800-032
R-71	Carbon Resistor 47K ohm 1/8W J (forming type).	1900-027	C-53, 91, 92, 179	Ceramic Capacitor 100P 50V J SL	1800-033
R-23	Carbon Resistor 56K ohm 1/8W J (forming type).	1900-028	C-151, 180	Ceramic Capacitor 150P 50V J SL	1800-037
R-55	Carbon Resistor 68K ohm 1/8W J (forming type).	1900-045	C-301, 58	Ceramic Capacitor 180P 50V J SL	1800-038
R-24, 26, 56, 53, 75, 107, 109, 132, 102, 155	Carbon Resistor 100K ohm 1/8W J (forming type).	1900-029	C-57, 103	Ceramic Capacitor 220P 50V J SL	1800-039
R-66	Carbon Resistor 150K ohm 1/8W J (forming type).	1900-030	C-50	Ceramic Capacitor 300P 50V J SL	1800-046
R-25	Carbon Resistor 180K ohm 1/8W J (forming type).	1900-031	C-60, 114	Ceramic Capacitor 330P 50V J SL	1800-040
R-86, 122	Carbon Resistor 220K ohm 1/8W J (forming type).	1900-032	C-148, 150	Ceramic Capacitor 22P 50V J SL	1800-041
R-22, 70	Carbon Resistor 330K ohm 1/8W J (forming type).	1900-033	C-40, 73, 131, 87, 122, 126, 401, 149, 86	Ceramic Capacitor 0.001μ 25V Z YB	1800-042
R-67	Carbon Resistor 470K ohm 1/8W J (forming type).	1900-034	177, 181, 182, 183	Ceramic Capacitor 0.004μ 25V Z YB	1800-043
R-68	Carbon Resistor 1.5M ohm 1/8W J (forming type).	1900-035	25, 26	Ceramic Capacitor 0.002μ 25V Z YG	1800-035
R-87, 153	Carbon Resistor 2.2M ohm 1/8W J (forming type).	1900-036	C-7, 59, 67	Ceramic Capacitor 0.039μ 25V Z YG	1800-034
R-60	Carbon Resistor 10K ohm 1/2W J (U type).	1900-051	C-13, 20, 23, 14, 52	Ceramic Capacitor 0.01μ 25V Z YG	1800-027
R-303	Carbon Resistor 47 ohm 1/2W J (P type).	1900-047	61, 75, 85, 78, 12		
R-120	Carbon Resistor 100 ohm 1/2W J (P type).	1900-048	C-1, 3, 4, 6, 8, 9, 10, 21		
R-140	Carbon Resistor 120 ohm 1/2W J (P type).	1900-050	30, 34, 41, 44, 45, 62		
RR-301, 302	Compound Parts HA-008	1900-402	64, 68, 71, 78, 74, 77, 66, 65, 68, 76, 107, 128		
RR-1	Compound Parts HA-006	1900-401	124, 145, 152, 143, 139		
CAPACITORS					
C-137, 138	Tantalum Capacitor 2.2μ M 16V	1800-202	133, 136, 164, 156, 155		
C-112	Electrolytic Capacitor 0.47μ 50V	1800-301	63, 154, 166, 157, 167		
C-27, 163	Electrolytic Capacitor 1μ 50V	1800-302	160, 161, 79, 80, 81, 82		
C-165, 97, 110, 16	Electrolytic Capacitor 2.2μ 25V	1800-303	83, 84, 402, 403, 404		
C15	Electrolytic Capacitor 4.7μ 25V	1800-304	135, 172, 173, 174, 175		
C-24, 42, 88, 118, 123	Electrolytic Capacitor 10μ 16V	1800-306	176, 178, 184, 304		
C-98, 101, 117	Electrolytic Capacitor 33μ 16V	1800-307	C-302	Ceramic Capacitor 0.047μ 25V Z YG	1800-036
C-49	Electrolytic Capacitor 47μ 16V	1800-315	VC-1	Trimmer Condens	1800-202
C-159, 158	Electrolytic Capacitor 100μ 16V	1800-312	CC-1, 2	Compound Parts	CV-024, 40P HA-003
C-162	Electrolytic Capacitor 100μ 25V	1800-313	X-2	CRYSTALS	
C-105, 106, 147	Electrolytic Capacitor 220μ 16V	1800-314	X-1*	Crystal QX-077	2100-001
C-142, 144	Electrolytic Capacitor 470μ 6.3V	1800-311	X-3	Crystal QX-078	2100-002
C-119	Electrolytic Capacitor 470μ 16V	1800-309		Crystal QX-079	2100-003
C-93, 111, 113, 120	Solid Alumina Capacitor 0.1μ M 16V	1800-501	MISCELLANEOUS		
C-140, 95	Solid Alumina Capacitor 0.2μ M 16V	1800-503		Ceramic Filter F L-047	2200-301
C-89	Mylar Capacitor 0.001μ 50V K	1800-406		Ceramic Filter FL-049	2200-303
C-96, 90, 168	Mylar Capacitor 0.01μ 50V K	1800-407		Rotary Switch SR-155	3000-101
C-19, 104, 141, 146	Mylar Capacitor 0.022μ 50V K	1800-408		Rotary Switch SR-169	3000-102
C-116	Mylar Capacitor 0.039μ 50V K	1800-409		Push Switch SW-093	3000-001
C-100, 102, 22	Mylar Capacitor 0.068μ 50V K	1800-410		Speaker SP-003	3100-001
C-5	Ceramic Capacitor 1.5P 50V C CH	1800-028		Meter MT-096	2900-003
C-18	Ceramic Capacitor 2P 50V C RH	1800-004		Microphone MK-023	3200-001
C-132	Ceramic Capacitor 3P 50V C RH	1800-029		Speaker Jack K-082	1100-006
C-153	Ceramic Capacitor 7P 50V C RH	1800-011		Antenna Connector JK-035	1100-002
C-134	Ceramic Capacitor 15P 50V J RH	1800-006			

CIRCUIT SYMBOL	DESCRIPTION	PART NO.	CIRCUIT SYMBOL	DESCRIPTION	PZRT NO.
	MISCELLANEOUS (Continued)			MISCELLANEOUS (Continued)	
J-401	Jack JK-072	1100-007		Bind Screw M3 x 6	1100-704
J-303, 304	Jack JK-010	1100-001		Bind Screw M3 x 8	1100-705
J-312	Jack JK-073	1100-005		Bind Tapping M3 x 8	1100-707
J-306	3F Consent JK-052	1100-003		Tapping Screw M3.5 x 8	1100-708
	Check Terminal TP-029	1100-101		Tapping Screw M3 x 6	1100-706
2-A	Fuse Fs-001	2800-001		Flange Nut	1100-710
	Wire Clamp YY-047	1100-801		Lugged Washer 3.5 φ	1100-711
	Flat Cable WF-004	2700-101		Lugged Washer 5 φ	1100-712
	DC Code W-070088	2700-001		Poly Bag	1500-407
	Printed Circuit Board, PC-198AA, Main	3500-004		Poly Bag	1500-402
	Printed Circuit Board, PC-181AA, Mic	3500-003		Poly Bag	1500-403
	Flexible Board, PC-209AA, CH. Switch	3500-002		Poly Bag	1500-404
	Chassis	3300-002		Knob Spring	1600-405
	Upper Case	3300-103		Knob Spring	1100-309
	Lower Case	3300-104		Knob Spring	1100-310
	Bracket	3300-202		Knob Spring	1100-305
	Heat Sink	3300-301		Knob Spring	1100-306
	Heat Sink	3300-302		Rivet	1100-311
	Mike Hanger	3300-401		Styrofoam (Front)	1500-002
	Shield Board	3300-701		Styrofoam (Back)	1500-102
	Short Bar	3300-601		Display Box	1500-203
	Knob (in)			Double Carton	1500-302
	Front Panel	3300-504		Warranty Card	1600-202
	Channel Knob	1300-001		FCC Temporary License Form	1600-401
	LED Holder	3400-001		FCC Rules Part 95	1600-501
	Knob	1300-002		Circuit Diagram	
	Knob	1300-004		Instruction Booklet	
	Knob (out)	1300-102		FCC Application Form	1600-103
	Knob (in)	1300-103		Tapping Screw M5 x 10	1600-301
	Push Knob	1300-003			1100-709
	LED Cap	3400-002			
	Knob (out)	1300-104			
	FCC Plate	1700-103			
	Mike Plate	1700-101			
	Transmitter Card	1600-006			
	Serial Label	1700-401			
	Control Label	1700-201			
	Warning Label	1700-301			
	Screw for Mounting	1100-201			
	Control Plate	1700-503			
	Digital Window	3400-101			
	Rubber Washer	1100-301			
	Rubber Washer	1100-302			
	Wool Tac	1100-502			
	Protection Board for Panel	3400-210			
	Rubber Bushing	1100-312			
	Insulation Board	3400-209			
	Screw M3 x 4	1100-701			
	Screw M3 x 6	1100-702			
	Screw M3 x 5	1100-703			