

BILL OF MATERIAL FOR ZACHARY T.

CIRCUIT SYMBOL

DESCRIPTION

PART NO.

CIRCUIT SYMBOL

DESCRIPTION

PART NO.

IC, TRANSISTORS & DIODES

IC-3	Integrated Circuit	μPD858C	2000-001
IC-4	Integrated Circuit	MB84011μ	2000-002
IC-5 (UHCIC 004)	Integrated Circuit	DF-087	2000-003
IC-1	Integrated Circuit	μPC1156H	2000-005
IC-2	Integrated Circuit	μPC592H2	2000-006
IC-6	Integrated Circuit	NJM78L05A	2000-004
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	Transistor	2SC460-B	2000-204
TR-11,13,14,16,17,22,203	Transistor	2SC468-C	2000-203
TR-8	Transistor	2SC2076-CB	2000-206
Driv TR-7	Transistor	2SC2091	2000-207
Final TR-6	Transistor	2SC2092	2000-208
TR-15	Transistor	2SA844-C	2000-202
TR-20	Transistor	2SA673-C	2000-201
TR-201	Transistor	2SC1061	2000-219
TR-202	Transistor	2SC1419-C	2000-220
D-1,2,3,7,10,14,16	Diode (Forming type D)	1S2473 (12.5)	2000-302
D-24	Diode (Forming type D)	1S2473	2000-310
D-11,19,201,202,203,204	Diode	SRTK-1	2000-304
D-5,4,23	Diode (Forming type D)	1N60AM	2000-301
D-6,12,13	Diode (Forming type D)	1S2473-K	2000-303
D-206	Zenor Diode (Forming type D)	WZ-071	2000-311
D-17,18	Zenor Diode (Forming type D)	CZ-092	2000-308
D-205	Zenor Diode (Forming type D)	BZ-062	2000-312
D-304	Zenor Diode (Forming type D)	BZ-062 (12.5)	2000-313
D-301 (Channel)	LED	TLR321	2000-306
D-303 (Tx)	LED	TLR104	2000-314

COILS & TRANSFORMERS

L-1	Coil	LA-029	2200-001
L-6	Coil	LA-163	2200-002
L-2	Coil	LA-194	2200-014
L-3	Coil	LA-180	2200-003
L-4	Coil	10.7 MHz LA-181	2200-004
L-5	Coil	10.7 MHz LA-182	2200-005
L-7	Coil	10.24 MHz LA-183	2200-006
L-8	Coil	455 MHz LA-184	2200-007
L-17	Coil	455 MHz LA-185	2200-008
L-24	Coil	27 KHz LA-186	2200-009
L-20	Coil	36.57 MHz LA-187	2200-010
L-21	Coil	37.8 MHz LA-188	2200-011
L-16	Coil	27 MHz LA-189	2200-012
L-18	Coil	LA-193	2200-013
L-10,15	Coil	LC-017	2200-015
L-12	Coil	LC-018	2200-020

COILS & TRANSFORMERS (Continued)

L-11	Coil	LC-020	2200-016
L-13	Coil	LD-012	2200-017
L-9	Coil	LD-073	2200-018
L-23	Micro Inductor	LZ-002	2200-201
L-22	Micro Inductor	LZ-001	2200-204
T-2	Choke Transformer	TF-017	2300-002
T-1	Output Transformer	TF-107	2600-001
T-301	Power Transformer	TF-103	2600-002
L-301,302	Beads Core	LD-072	2200-105
L-14,25	Beads Core	LD-075	2200-104
L-303,305,307,309,311,312,313,314,315	Beads Core	LD-077	2200-103
L-303,305,307,309,311,312,313,314,315	Choke Core	LD-046	2200-019

VARIABLE RESISTORS

VR-5	Semi Fixed Resistor	RV-133	5 KB	1900-201
VR-4	Semi Fixed Resistor	RV-133	10 KB	1900-203
VR-2,3	Semi Fixed Resistor	RV-133	50 KB	1900-202
VR-1	Semi Fixed Resistor	RV-133	20 KB	1900-204
VR-201	Semi Fixed Resistor	RV-133	500 B	1900-205
VR-302	Variable Resistor	RV-049	20 KB	1900-105
VR-303	Variable Resistor	RV-055	10 KA	1900-102
VR-301	Variable Resistor with Switch	RV-197	50 KA	1900-104
VR-304	Variable Resistor	RV-071	50 KB	1900-113

RESISTORS

R-43	Carbon Resistor	3.3 ohm,	1/8W	J	1900-052
R-15,119,44	Carbon Resistor	10 ohm,	1/8W	J	1900-006
R-42	Carbon Resistor	15 ohm,	1/8W	J	1900-053
R-47,49	Carbon Resistor	47 ohm,	1/8W	J	1900-014
R-16,45,51,74	Carbon Resistor	100 ohm,	1/8W	J	1900-009
R-5,8,11,19,39	Carbon Resistor	220 ohm,	1/8W	J	1900-011
R-20	Carbon Resistor	330 ohm,	1/8W	J	1900-013
R-10,64,117	Carbon Resistor	560 ohm,	1/8W	J	1900-014
R-3,4,103,204	Carbon Resistor	680 ohm,	1/8W	J	1900-014
R-203,205	Carbon Resistor	820 ohm,	1/8W	J	1900-054
R-1,14,58,61,69,90,134,91,130,308	Carbon Resistor	1K ohm,	1/8W	J	1900-015
R-202	Carbon Resistor	1.2K ohm,	1/8W	J	1900-055
R-12,118	Carbon Resistor	1.5K ohm,	1/8W	J	1900-016
R-7,98,65,72,121	Carbon Resistor	2.2K ohm,	1/8W	J	1900-018
R-48	Carbon Resistor	2.7K ohm,	1/8W	J	1900-043
R-2,9,13,18,57,85,88,110	Carbon Resistor	3.3K ohm,	1/8W	J	1900-019
R-35,73,92	Carbon Resistor	4.7K ohm,	1/8W	J	1900-020
R-104	Carbon Resistor	5.6K ohm,	1/8W	J	1900-021
R-128,29	Carbon Resistor	6.8K ohm,	1/8W	J	1900-022
R-6,17,50,59,84,89,95,97,105,106,114,129,133	Carbon Resistor	10K ohm,	1/8W	J	1900-023
R-60	Carbon Resistor	10K ohm,	1/4W	J	1900-056
R-94,96	Carbon Resistor	15K ohm,	1/8W	J	1900-024
R-21,28,108	Carbon Resistor	22K ohm,	1/8W	J	1900-025
R-40,54,93	Carbon Resistor	33K ohm,	1/8W	J	1900-026

CIRCUIT SYMBOL

S-302,304AB

F-1
TP-1,3,4,5,6,9

F-2
F-1

DESCRIPTION

MISCELLANEOUS (Continued)

Push Switch	SW-089	3000-002
LED Connector	JK-073	400 m/m
Insulation Board	YD-032 (2SC2091)	3400-212
Insulation Board	YD-033 (2SC1061,2092)	3400-211
Insulation Board	YD-034 (uPC1156H)	3400-213
Flat Cable	WF-007	
Test Terminal	TP-029	1100-101
DC Cord	WD070088	2700-001
AC Cord	WZ-001	2700-003
Fuse	FS-001 1A	2800-002
Fuse	FS-001 2A	2800-005
Printed Circuit Board	PC-198AA (Main)	3500-004
Flexible Printed Circuit Board	PC-210AA (Channel)	3500-011
Power Supply Printed Circuit Board	PC-191AA	3500-012
Printed Circuit Board for Mick	PC-181AA	
Chassis		3500-003
Front Chassis		3300-005
Bonnet		3300-508
Holder for Bracket		1100-817
Bottom Panel		1100-818
Back Panel		
Meter Holder		3300-804
Panel Holder (Right)		
Panel Holder (Left)		
Heat Sink		3300-307
Heat Sink		3300-303
Holder for Transformer		1100-806
Bracket (Right)		3300-204
Bracket (Left)		3300-205
Mike Hanger		3300-401
Shield Board		3400-206
Front Panel		3300-505
Channel Knob		1300-004
Knob		1300-002
Push Knob		1300-003
Polybush		
LED Cap		3400-002
Control Plate		1700-505
Mike Plate		1700-103
Brand Badge		3400-601
FCC Plate		1700-004
Warning Label		1700-403
Transmitter Card		1600-001
Serial No. Label		1700-401
Control No. Label		1700-402

CIRCUIT SYMBOL

DESCRIPTION

MISCELLANEOUS (Continued)

Digital Window		3400-102
Speaker Net		3400-303
Cushion		3400-302
Fiber Washer		1100-313
Bake Washer		1100-314
Rubber Washer		1100-315
Rubber Washer		1100-316
Wool Tac		1100-402
Wool Tac		1100-403
Wool Tac		1100-404
Fiber Washer		1100-317
Protection Cover for Panel		3300-110
Felt Washer	6φ x 3t	1100-318
ΦPan Head Screw	M3 x 6	1100-702
ΦScrew	M3 x 6	1100-727
ΦBind Screw	M3 x 6	1100-728
ΦBind Screw	M3 x 8	1100-723
ΦBind Screw	M4 x 10	1100-730
ΦBind Screw	M5 x 8	1100-731
ΦTapping Screw	3.5φ x 8	1100-708
ΦTapping Screw	M3 x 6	1100-725
ΦTapping Screw	M3 x 8	1100-726
ΦTapping Screw	M3 x 12	1100-732
ΦTapping Screw	M3 x 14	1100-733
Hexagon Bolt	M5 x 14	1100-734
Hexagon Nut	M6	1100-736
Flange Nut	M4	1100-738
Washer	5φ	1100-739
Spring Washer	5φ	1100-740
Lugged Washer	3.5φ	1100-711
Lugged Washer	5φ	1100-712
Rubber Foot	ABS 23φ x 20h	1100-744
Rubber Foot	ABS 20φ x 16h	1100-745
Cord Stopper	3P-4	1100-746
Knob Spring	6φ	1100-305
Knob Spring	6φ	1100-306
Rivet	3.2φ x 3.2L	1100-311
Styrofoam		1500-004
Protection Board		
Box for Accessories		1500-203
Display Box		1500-303
Double Carton		
Circuit Drawing		1600-104
Instruction Manual		1600-201
Warranty Card		1600-301
FCC Application Sheet		1600-301
FCC Temporary License Form		1600-401
FCC Rules Part 95		1600-501