

BILL OF MATERIAL FOR HONEST ABE

CIRCUIT SYMBOL DESCRIPTION COILS & TRANSFORMERS (Continued) PART NO.

CIRCUIT SYMBOL	DESCRIPTION	PART NO.
IC-1	Integrated Circuit	2000-005
IC-2	μPC1156H	2000-006
IC-3	μPC592H2	2000-001
IC-4	μPD858C	2000-002
IC-5	μMB84011U	2000-003
IC-6	μJHIC-004	2000-004
	μKJM78L05A	2000-101
		2000-102
		2000-103
		2000-205
		2000-204
		2000-208
		2000-207
		2000-206
		2000-203
		2000-202
		2000-201
		2000-209

IC, TRANSISTORS & DIODES

CIRCUIT SYMBOL	DESCRIPTION	PART NO.
TR-2, 12	FET	2000-101
TR-9	3SK45-B	2000-102
TR-18	3SK45-B09	2000-103
TR-1	Transistor	2000-205
TR-3, 4, 5, 10, 19	2SC1342-B	2000-204
TR-6	2SC460-B	2000-208
TR-2	2SC2092	2000-207
TR-8	2SC2091	2000-206
TR-11, 13, 14, 16, 17, 21	2SC2076-CB	2000-203
	2SC458-C	2000-202
TR-15	2SA844-C	2000-201
TR-20	2SA673-C	2000-209
TR-24, 25	2SD467-C	2000-302

D-1, 2, 3, 7, 10, 14, 16, 24

CIRCUIT SYMBOL	DESCRIPTION	PART NO.
D-4, 5, 9, 22	Diode	2000-301
D-6, 12, 13	1N60AM	2000-303
D-11, 19	1S2473K	2000-304
D-17, 18	SR1K-1	2000-308
D-15	Zener Diode	2000-309
D-301	Varicap	2000-306
D-303	LED	2000-307

COILS & TRANSFORMERS

CIRCUIT SYMBOL	DESCRIPTION	PART NO.
L-1	Coil	2200-001
L-6	Coil	2200-002
L-3	Coil	2200-003
L-4	Coil	2200-004
L-5	Coil	2200-005
L-7	Coil	2200-006
L-183	Coil	2200-007
L-17	Coil	2200-008
L-24	Coil	2200-009
L-20	Coil	2200-010
L-21	Coil	2200-011
L-16	Coil	2200-012
L-18	Coil	2200-013
L-2	Coil	2200-014
L-10, 15	Coil	2200-015
L-12	Coil	2200-020
L-11	Coil	2200-016
L-13	Coil	2200-017
L-9	Coil	2200-018

VARIABLE RESISTORS

CIRCUIT SYMBOL	DESCRIPTION	PART NO.
VR-5	Semi-fixed Resistor	RV-133 5KB
VR-4	Semi-fixed Resistor	RV-133 10KB
VR-1	Semi-fixed Resistor	RV-133 20KB
VR-2, 3, 6	Semi-fixed Resistor	RV-133 50KB
VR-302	Variable Resistor	RV-049 20KB
VR-303	Variable Resistor	RV-055 10K-A
VR-305	Variable Resistor	RV-064 20KB
VR-306	Variable Resistor	RV-195 10KB
VR-301	Variable Resistor	RV-197 50K-A
VR-304	Variable Resistor	RV-009 50KB

RESISTORS

CIRCUIT SYMBOL	DESCRIPTION	PART NO.
R-77	Metalized Resistor	2.2 ohm 1W K
R-76	Metalized Resistor	22 ohm 1W K
R-131	Metalized Resistor	82 ohm 1W K
R-127	Metalized Resistor	200 ohm 2W K
R-43	Carbon Resistor	2.2 ohm 1/8W J
R-15, 119, 44, 42	Carbon Resistor	10 ohm 1/8W J
R-47, 49	Carbon Resistor	47 ohm 1/8W J
R-126	Carbon Resistor	56 ohm 1/8W J
R-38	Carbon Resistor	82 ohm 1/8W J
R-16, 45, 74, 51	Carbon Resistor	100 ohm 1/8W J
R-5, 8, 11, 19, 52	Carbon Resistor	220 ohm 1/8W J
R-20, 304	Carbon Resistor	330 ohm 1/8W J
R-10, 64, 117	Carbon Resistor	560 ohm 1/8W J
R-3, 4, 103	Carbon Resistor	680 ohm 1/8W J
R-139	Carbon Resistor	1.8K ohm 1/8W J
R-1, 14, 58, 69, 61, 90, 91	Carbon Resistor	1K ohm 1/8W J
R-12, 118	Carbon Resistor	1.5K ohm 1/8W J
R-7, 98, 29, 65, 115, 121	Carbon Resistor	2.2K ohm 1/8W J
R-48	Carbon Resistor	2.7K ohm 1/8W J
R-2, 9, 13, 18, 88, 110, 57	Carbon Resistor	3.3K ohm 1/8W J
R-35, 73, 92	Carbon Resistor	4.7K ohm 1/8W J
R-104, 138	Carbon Resistor	5.6K ohm 1/8W J
R-128	Carbon Resistor	6.8K ohm 1/8W J
R-6, 17, 50, 59, 95, 97, 129	Carbon Resistor	10K ohm 1/8W J
84, 106, 114, 105, 89		
133, 123, 124		

CIRCUIT SYMBOL	DESCRIPTION	PART NO.	CIRCUIT SYMBOL	DESCRIPTION	PART NO.
RESISTORS (Continued)					
R-96, 94	Carbon Resistor	15K ohm	1/8W J		1900-024
R-21, 28, 108, 125	Carbon Resistor	22K ohm	1/8W J		1900-025
R-137	Carbon Resistor	27K ohm	1/8W J		1900-044
R-40, 54, 93, 135	Carbon Resistor	33K ohm	1/8W J		1900-026
R-71	Carbon Resistor	47K ohm	1/8W J		1900-027
R-23	Carbon Resistor	56K ohm	1/8W J		1900-028
R-55	Carbon Resistor	68K ohm	1/8W J		1900-045
R-24, 26, 56, 75, 107, 109, 132, 102	Carbon Resistor	100K ohm	1/8W J		1900-029
R-66	Carbon Resistor	150K ohm	1/8W J		1900-030
R-25	Carbon Resistor	180K ohm	1/8W J		1900-031
R-86, 122	Carbon Resistor	220K ohm	1/8W J		1900-032
R-22, 70	Carbon Resistor	330K ohm	1/8W J		1900-033
R-67	Carbon Resistor	470K ohm	1/8W J		1900-034
R-68	Carbon Resistor	1.5M ohm	1/8W J		1900-035
R-87	Carbon Resistor	2.2M ohm	1/8W J		1900-036
R-60	Carbon Resistor	10K ohm	1/8W J		1900-046
R-303	Carbon Resistor	47K ohm	1/2W J		1900-047
R-120	Carbon Resistor	100 ohm	1/2W J		1900-048
R-140	Carbon Resistor	120 ohm	1/2W J		1900-049
RR-301, 302	Compound Parts	HA-008			1900-402
RR-1	Compound Parts	HA-006			1900-401
CAPACITORS					
C-137, 138	Tantalum Capacitor	2.2μM	16V		1800-202
C-112	Electrolytic Capacitor	0.47μ	50V		1800-301
C-27, 163	Electrolytic Capacitor	1μ	50V		1800-302
C-165, 97, 110, 16	Electrolytic Capacitor	2.20μ	25V		1800-303
C-15	Electrolytic Capacitor	4.70μ	25V		1800-304
C-24, 42, 88, 118, 123, 127	Electrolytic Capacitor	10.00μ	16V		1800-306
C-98, 101, 117	Electrolytic Capacitor	33.00μ	16V		1800-307
C-49	Electrolytic Capacitor	47.00μ	16V		1800-315
C-159, 158	Electrolytic Capacitor	100.00μ	16V		1800-312
C-162	Electrolytic Capacitor	100.00μ	25V		1800-313
C-105, 106, 147	Electrolytic Capacitor	220.00μ	16V		1800-314
C-142, 144	Electrolytic Capacitor	470.00μ	6.3V		1800-311
C-119	Electrolytic Capacitor	470.00μ	16V		1800-309
C-93, 111, 113, 120	Solid Almina Capacitor	0.1μM	16V		1800-501
C-140, 95	Solid Almina Capacitor	0.2μM	16V		1800-503
C-89	Mylar Capacitor	0.001μ	50V K		1800-406
C-96, 90	Mylar Capacitor	0.01μ	50V K		1800-407
C-19, 104, 141, 146	Mylar Capacitor	0.022μ	50V K		1800-408
C-116	Mylar Capacitor	0.039μ	50V K		1800-409
C-100, 102, 22	Mylar Capacitor	0.068μ	50V K		1800-410
C-5	Ceramic Capacitor	1.5P	50V CH		1800-028
C-18	Ceramic Capacitor	2P	50V RH		1800-004
C-132	Ceramic Capacitor	3P	50V RH		1800-029
C-153	Ceramic Capacitor	7P	50V RH		1800-011
C-134	Ceramic Capacitor	15P	50V RH		1800-006
C-2	Ceramic Capacitor	22P	50V RH		1800-007
C-129	Ceramic Capacitor	47P	50V RH		1800-001
C-43	Ceramic Capacitor	56P	50V RH		1800-030
CAPACITORS (Continued)					
C-72	Ceramic Capacitor	100P	50V RH		1800-009
C-69	Ceramic Capacitor	330P	50V RH		1800-010
C-11	Ceramic Capacitor	5P	50V SL		1800-005
C-115, 303	Ceramic Capacitor	33P	50V SL		1800-031
C-99	Ceramic Capacitor	68P	50V SL		1800-032
C-53, 91, 92	Ceramic Capacitor	100P	50V SL		1800-033
C-151	Ceramic Capacitor	150P	50V SL		1800-037
C-301, 58	Ceramic Capacitor	180P	50V SL		1800-038
C-57, 103	Ceramic Capacitor	220P	50V SL		1800-039
C-60, 114, 50	Ceramic Capacitor	330P	50V SL		1800-040
C-148, 150	Ceramic Capacitor	22P	50V SL		1800-041
C-40, 73, 87, 122, 126, 401	Ceramic Capacitor	0.001μ	25V YB		1800-042
C-29, 70, 51, 121, 125, 25	Ceramic Capacitor	0.0047μ	25V YB		1800-043
C-1, 3, 4, 6, 8, 9, 10, 21, 34	Ceramic Capacitor	0.01μ	25V YG		1800-027
41, 44, 45, 62, 64, 68, 71					
78, 74, 77, 66, 65, 68, 76					
107, 128, 124, 145, 152					
143, 139, 133, 136, 164					
156, 155, 63, 154, 166					
157, 167, 160, 161, 79					
80, 81, 82, 83, 84, 402					
403, 404, 135					
C-7, 59, 67					
C-13, 20, 23, 14, 42, 61, 85					
75, 12, 78					
C-302					
VC-1	Trimmer Capacitor	CV-024	40P		1800-201
CC-1, 2	Compound Parts	0.01μ x 4 HA-003			1800-103
CRYSTALS					
X-2	Crystal	OX-077	10.240MHz		2100-001
X-1	Crystal	OX-078	10.695MHz		2100-002
X-3	Crystal	OX-079	36.570MHz		2100-003
MISCELLANEOUS					
XF-1	Ceramic Filter	FL-047 XF-1			2200-301
XF-2	Ceramic Filter	FL-049 XF-2			2200-303
S-306	Rotary Switch	SR-155			3000-101
S-301, 302, 303	Push Switch	SW-093			3000-001
SP-301	Speaker	SP-003			3100-001
M-301	Meter	MT-095			2900-001
	Microphone	MK-023			3200-001
J-310, 311	SP Jack	JK-082 200m/m			1100-006
J-301	Antenna Connector	JK-035			1100-002
J-401	Jack	JK-072			1100-002
J-303, 304	Jack	JK-010			1100-001
J-312	Jack	JK-073			1100-005
J-306	3F Consent	JK-052			1100-003
	Check Terminal	TP-029			1100-101

CIRCUIT
SYMBOL

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DESCRIPTION	PART NO.
MISCELLANEOUS (Continued)	
Fuse	2A FS-001
DC Cord	WD070088
Printed Circuit Board	PC-198AA (Main)
	PC-181AA (Mike)
	PC-209AA (Channel SW.)
Flexible	3500-003
Chassis	3500-002
Upper Case	3300-103
Lower Case	3300-104
Bracket	3300-202
Heat Sink	3300-301
Heat Sink	3300-302
Mike Hanger	3300-401
Short Bar	3300-601
Front Panel	3300-503
Channel Knob	1300-001
Knob	1300-002
Push Knob	1300-003
LED Cap (Black)	1300-002
LED Holder (Black)	1300-004
FCC Plate	1700-002
Mike Plate	1700-101
Serial No. Label	1700-401
Warning Label	1700-301
Transmitter Card	1600-001
Control No. Label	1700-201
Display Screw (for Mounting Bracket)	1100-201
Control Plate	1700-502
Digital Window	3400-101
Rubber Washer	1100-301
Rubber Washer	1100-302
Wool Tac	1100-502
Rubber Bushing	1100-501
Tapping Screw	1100-705
Bind Screw	1100-704
Bind Screw	1100-705
Screw	1100-715
Screw	1100-716
Bind Tapping	1100-707
Tapping Screw	1100-708
Tapping Screw	1100-709
Screw	1100-703
Flange Nut	1100-710
Lugged Washer	3.5 φ
Lugged Washer	5 φ
Styrofoam (Front)	1100-712
Styrofoam (Back)	1500-002
Display Box	1500-102
Double Carton	1500-202
Schematic Diagram	1500-301
Instruction Book	1600-601
	1600-102

PART NO.

DESCRIPTION

MISCELLANEOUS (Continued)

Waranty Card 1600-202
 FCC Application Form 1600-301
 FCC Temporary License Form 1600-401
 Instruction Book for FCC Rules Part 95 1600-501