

Vocal Keyer KG4JJH						
Part #	Description	Part #	Qty	Source	Price	Extended
U1	IC, HK-828, Voice Recorder, 28-pin DIP	ZZ8200	1	jaycar.com	\$10.00	\$10.00
U2	IC, MC14538B, One-Shot, 16-pin DIP	MC14538BCPGOS-ND	1	digikey.com	\$0.85	\$0.85
U3	IC, LM386, Audio Amp, 8-pin DIP	513-NJM#386BD	1	mouser.com	\$0.42	\$0.42
U4	IC, CD4001, Quad 2-input NOR, 14-pin DIP	CD4001BCN-ND	1	digikey.com	\$0.45	\$0.45
U5	IC, LM78L05, 5V Regulator, 100 mA, TO-92	595-UA78L05ACLPE3	1	mouser.com	\$0.40	\$0.40
SP1	Speaker, 8Ω	253-2040CP08-8-RO	1	mouser.com	\$3.75	\$3.75
K1	Relay, DPDT, 12V	655-IM06TS	1	mouser.com	\$2.57	\$2.57
T1	Transformer, Audio, 600:600 ohm CT	553-TY145P	1	mouser.com	\$3.88	\$3.88
S1	Switch, Pushbutton DPDT, Momentary	CKN1190-ND	1	digikey.com	\$0.92	\$0.92
S2	Switch, Pushbutton SPDT, Momentary	CKN1188-ND	1	digikey.com	\$0.78	\$0.78
S3	Switch, Pushbutton DPDT, Locking	CKN1191-ND	1	digikey.com	\$0.95	\$0.95
S4	Switch, Pushbutton SPDT, Locking	CKN1189-ND	1	digikey.com	\$0.85	\$0.85
-	Cap, Pushbutton, Black	401-1204-ND	4	digikey.com	\$0.52	\$2.08
J1-J2	Jack, RJ-45, 8 pin	154-UL6883	2	mouser.com	\$2.41	\$4.82
J3	Jack, DC Power, 2.5mm x 5.5mm	16PJ032	1	mouser.com	\$1.01	\$1.01
DS1	LED, Green, 3mm, Integral Resistor, 5V	645-551-0607F	1	mouser.com	\$0.87	\$0.87
DS2	LED, Red, 3mm, Integral Resistor, 5V	645-551-0507F	1	mouser.com	\$0.87	\$0.87
R1	Resistor, Metal Film, 1/4W, 1%, 10	271-10-RC	1	mouser.com	\$0.09	\$0.09
R2	Resistor, Metal Film, 1/4W, 1%, 100	271-100-RC	1	mouser.com	\$0.09	\$0.09
R3	Resistor, Metal Film, 1/4W, 1%, 1K	271-1K-RC	1	mouser.com	\$0.09	\$0.09
R4-R5	Resistor, Metal Film, 1/4W, 1%, 10K	271-10K-RC	2	mouser.com	\$0.09	\$0.18
R6	Resistor, Metal Film, 1/4W, 1%, 24K	271-24K-RC	1	mouser.com	\$0.09	\$0.09
R7-R8	Resistor, Metal Film, 1/4W, 1%, 47K	271-47K-RC	2	mouser.com	\$0.09	\$0.18
R9-R13	Resistor, Metal Film, 1/4W, 1%, 100K	271-100K-RC	5	mouser.com	\$0.09	\$0.45
R14	Resistor, Metal Film, 1/4W, 1%, 220K	271-220K-RC	1	mouser.com	\$0.09	\$0.09
R15	Resistor, Metal Film, 1/4W, 1%, 1M	271-1.0M-RC	1	mouser.com	\$0.09	\$0.09
R16	Potentiometer, Trimmer, Single Turn, 1K	652-3386P-1-102T	1	mouser.com	\$2.55	\$2.55
R17	Potentiometer, 1K, Linear	311-1902F-1K	1	mouser.com	\$3.50	\$3.50
R18	Potentiometer, 10K, Linear, SPST Switch	311-1903F-10K	1	mouser.com	\$5.40	\$5.40
R19	Potentiometer, 100K, Linear	311-1902F-100K	1	mouser.com	\$3.50	\$3.50
C1	Capacitor, Ceramic, 0.01μF, 50V	581-SR215C103KAR	1	mouser.com	\$0.24	\$0.24
C2-C12	Capacitor, Ceramic, 0.1μF, 50V	581-SR215C104KARTR2	11	mouser.com	\$0.16	\$1.76
C13-C14	Capacitor, Ceramic, 0.33μF, 50V	581-SR215E334MAR	2	mouser.com	\$0.27	\$0.54
C15-C17	Capacitor, Electrolytic, 2.2μF, 25V	140-XRL25V2.2-RC	3	mouser.com	\$0.06	\$0.18
C18	Capacitor, Electrolytic, 4.7μF, 25V	140-XRL25V4.7-RC	1	mouser.com	\$0.06	\$0.06
C19	Capacitor, Electrolytic, 10μF, 25V	140-XRL25V10-RC	1	mouser.com	\$0.06	\$0.06
C20	Capacitor, Electrolytic, 100μF, 25V	140-XRL25V100-RC	1	mouser.com	\$0.09	\$0.09
C21-C22	Capacitor, Electrolytic, 220μF, 25V	140-XRL25V220-RC	2	mouser.com	\$0.12	\$0.24
D1-D3	Diode, 1N4001	625-1N4001-E3	3	mouser.com	\$0.04	\$0.12
Q1	Transistor, NPN, 2N3904	512-2N3904TAR	1	mouser.com	\$0.05	\$0.05
-	Enclosure, Aluminum, 5.5"L x 3"W x 1.25"H	537-139-P	1	mouser.com	\$10.28	\$10.28
-	Knob, 1/2" Dia., 1/4" Shaft	450-6003	3	mouser.com	\$1.82	\$5.46
-	IC Socket, 28-pin DIP	571-1-390262-2	1	mouser.com	\$0.29	\$0.29
-	IC Socket, 16-pin DIP	571-1-390261-4	1	mouser.com	\$0.15	\$0.15
-	IC Socket, 14-pin DIP	571-1-390261-3	1	mouser.com	\$0.15	\$0.15
-	IC Socket, 8-pin DIP	571-1-390261-2	1	mouser.com	\$0.15	\$0.15
-	RJ-45 Patch Cable, 2 foot	571-2192412	1	mouser.com	\$4.32	\$4.32
-	Mic Connector, In-Line, 8-Pin, Male	MC8-MA	AR	radiodaze.com	\$8.79	
-	Mic Connector, In-Line, 8-Pin, Female	MC8-FE	AR	radiodaze.com	\$3.99	
					<b>Total</b>	<b>\$75.91</b>