

Deluxe Touch Paddle Keyer						
Item	Qty	Description	Part Number	Source	Each	Extended
U1-U2	2	Touch sensor IC, 8 pin DIP, IQS127D	957-IQS127D00000TSR	mouser.com/	\$0.48	\$0.96
U3	1	Keyer IC, 8 pin DIP, Norcal, 12F629-NCK	12F629-NCK	wb9kzy.com/norcal.htm	\$3.00	\$3.00
U4	1	Voltage regulator, LM7805, 5V@1A	926-LM7805CT/NOPB	mouser.com/	\$1.53	\$1.53
U5	4	Audio Amp, LM386	926-LM386N-4/NOPB	mouser.com/	\$1.01	\$4.04
SPK1	1	Speaker, 8 ohm, 1W	254-DS2686-RO	mouser.com/	\$3.58	\$3.58
R1, R2, R9	3	Resistor, 1/4W, Metal Film, 1%, 470	271-470-RC	mouser.com/	\$0.09	\$0.27
R3	1	Resistor, 1/4W, Metal Film, 1%, 4.7K	271-4.7K-RC	mouser.com/	\$0.00	\$0.00
R4, R10	2	Resistor, 1/4W, Metal Film, 1%, 1K	271-1K-RC	mouser.com/	\$0.09	\$0.18
R5	1	Potentiometer, 100K, Linear, 9mm	652-3310C-001-104L	mouser.com/	\$2.77	\$2.77
R6	1	Resistor, 1/4W, Metal Film, 1%, 10K	271-10K-RC	mouser.com/	\$0.22	\$0.22
R8	1	Resistor, 1/4W, Metal Film, 1%, 120	271-120-RC	mouser.com/	\$0.22	\$0.22
R11	1	Resistor, 1/4W, Metal Film, 1%, 1.1K	271-1.1K-RC	mouser.com/	\$0.22	\$0.22
R12	1	Potentiometer, 10K, Audio, 9mm	652-3310C-001-103L	mouser.com/	\$2.77	\$2.77
R14	1	Resistor, 1/4W, Metal Film, 1%, 10	271-10-RC	mouser.com/	\$0.22	\$0.22
R13	1	Resistor, 1/4W, Metal Film, 1%, 1.2K	271-1.2K-RC	mouser.com/	\$0.22	\$0.22
C1-C4	4	Capacitor, Electrolytic, 1uF	647-UMF1V010MDD1TP	mouser.com/	\$0.40	\$1.60
C5-C9, C11	6	Capacitor, Ceramic, 0.01uF	581-SR211C103KARTR2	mouser.com/	\$0.22	\$1.32
C10, C13	2	Capacitor, Ceramic, 0.047uF	810-FG16C0G1H473JNT6	mouser.com/	\$0.71	\$1.42
C12	1	Capacitor, Electrolytic, 10uF NP	647-UMP1E100MDD	mouser.com/	\$0.50	\$0.50
C15, C16	2	Capacitor, Electrolytic, 10uF	667-ECE-A1CKS100I	mouser.com/	\$0.22	\$0.44
C14	1	Capacitor, Electrolytic, 220uF	647-URS1C221MPD1TA	mouser.com/	\$0.35	\$0.35
C17	1	Capacitor, Ceramic, 0.1uF	581-SR215C104JAR	mouser.com/	\$0.50	\$0.50
C18, C19	2	Capacitor, Ceramic, 100pF	810-FG28C0G1H101JNT6	mouser.com/	\$0.25	\$0.50
K1	1	Relay, Solid State, 800V, 750mA	849-CPC1978J	mouser.com/	\$8.38	\$8.38
SW1	1	Switch, PB, SPST	107-3025-EVX	mouser.com/	\$3.42	\$3.42
Q1	1	Transistor, NPN, PN2222A	610-PN2222A	mouser.com/	\$0.43	\$0.43
J1-J2	2	Jack, Phone, 3.5mm, stereo	806-STX-3100-3CB	mouser.com/	\$1.40	\$2.80
J3	1	Jack, DC Power, 2.5mm x 5.5mm	490-PJ-076B	mouser.com/	\$1.05	\$1.05
J4	1	RCA Phono, female	490-RCJ-022	mouser.com/	\$0.89	\$0.89
D1	1	Diode, 1N4001	863-1N4001RLG	mouser.com	\$0.21	\$0.21
D2	1	Diode, 1N4148	512-1N4148	mouser.com	\$0.10	\$0.10
D3	1	LED, Pinhole, Blue	LED2PINB	futurlec.com	\$0.15	\$0.15
-	2	Socket, 8 pin DIP (for U3, U5)	575-893308	mouser.com	\$0.99	\$1.98
-	1	Socket Strip, 12-pin (for U1, U2)	200-SLW11201GS	mouser.com	\$2.19	\$2.19
-	1	Enclosure, extruded	546-1455B1002BU	mouser.com	\$10.15	\$10.15
-	1	Vector Board	574-64P44WE	mouser.com	\$8.75	\$8.75
Paddles	1	Copper Plate, 1/8" x 3/4" x 6"	8964K5	mcmaster.com	\$4.74	\$4.74
-	1	TSOT23 to DIP adapter board	872-204-0003-01	mouser.com	\$6.00	\$6.00
-	2	Solder Lug	534-914	mouser.com	\$0.13	\$0.26
-	2	Knob, 1/8" Shaft	506-PKG40B1/8	mouser.com	\$2.01	\$4.02
					Total	\$78.07