

CW Decoder						
Item	Qty	Description	Part Number	Source	Each	Extended
U2	1	Voltage regulator, LM7805, 5V@1A	926-LM7805CT/NOPB	mouser.com/	\$1.53	\$1.53
U1	1	Arduino Nano 3.0	992-ARD-NANO30	mouser.com/	\$30.61	\$30.61
U3	1	Op Amp, OPA344	595-OPA344PA	mouser.com/	\$1.51	\$1.51
DSP1	1	LCD Display, 4X20, Parallel	71-L020N4AYYHET	mouser.com/	\$19.26	\$19.26
R2	1	Trimmer, 1K	81-PV32H102A01B00	mouser.com/	\$1.18	\$1.18
R3	1	Trimmer, 100 Ohms	81-PV32H101A01B00	mouser.com/	\$1.18	\$1.18
C2	1	Capacitor, Electrolytic, 10uF	140-REA100M1EBK0511P	mouser.com/	\$0.10	\$0.10
C1, C3, C4	3	Capacitor, Ceramic, 0.1uF	81-RDER71E104K0K1H3B	mouser.com/	\$0.43	\$1.29
DS1	1	DIP Switch, 4 SPST	113-NDI04HV	mouser.com/	\$1.61	\$1.61
J1	1	Jack, DC Power, 2.5mm x 5.5mm	490-PJ-076B	mouser.com/	\$1.05	\$1.05
D1	1	LED, Pinhole, Red	LED2PINR	futurlec.com	\$0.05	\$0.05
D2	1	Diode, 1N4001	863-1N4001RLG	mouser.com	\$0.21	\$0.21
-	1	Enclosure, plastic, IR	546-1591STRD	mouser.com	\$9.95	\$9.95
-	1	Vector Board	574-64P44WE	mouser.com	\$8.75	\$8.75
-	2	Socket Strip, 15-pin (for U1)	200-SLW11501GS	mouser.com	\$2.74	\$5.48
M1	1	Electret Mic Breakout Board	BOB-12758	sparkfun.com	\$6.95	\$6.95
-	1	Crimp Connector Housing, 1x16, 0.1" (for DS1)	1920	pololu.com	\$1.79	\$1.79
-	2	Wires with Pre-Crimped Female Terminals, 6"	1812	pololu.com	\$2.49	\$4.98
-	1	Male Header, 1x40	965	pololu.com	\$0.75	\$0.75
-	4	Standoff, Hex, Male/Female, 3/4"L x 4-40NC	728-FC4538-440-A	mouser.com	\$0.38	\$1.52
-	1	Machine Screw, 4-40NC x 3/16" (100 Pack)	761-7002-SS	mouser.com	\$1.13	\$1.13
-	4	Spacer, Hex, Female, 1/4"L, 4-40NC	761-2100-440-AL-7	mouser.com	\$0.25	\$1.00
-	1	Heatsink, TO-220	774-PC1-1CB	mouser.com	\$0.58	\$0.58
					Total	\$76.75