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Comment	Description	Designator	Footprint	LibRef	Quantity
220R	Axial Resistor, 100 KOhm, +/- 1%, 0.25 W, -55 to 155 degC, 2-Pin THD, RoHS, Bulk	2, 11, R1, R2, R3	RESA60-630X240	CMP-1659-00073-1	5
10K	Axial Resistor, 100 KOhm, +/- 1%, 0.25 W, -55 to 155 degC, 2-Pin THD, RoHS, Bulk	5, 6, 7	RESA60-630X240	CMP-1659-00073-1	3
22pF	Capacitor, Ceramic, 22 pF, +/-10 %, 100 V, -55 to 125 degC, 2-Pin THD, RoHS, Bulk	9, 12	KEMT-C315-THT-2	CMP-1664-00008-1	2
1k	Axial Resistor, 100 KOhm, +/- 1%, 0.25 W, -55 to 155 degC, 2-Pin THD, RoHS, Bulk	10	RESA60-630X240	CMP-1659-00073-1	1
0.33uF		C1	Cap NP	Cap_NP	1
0.1uF		C2, C3, C4	Cap NP	Cap_NP	3
1N4001	Standard Recovery Rectifier, 2-Pin Axial_Lead, Pb-Free, Bulk Bag	D1	ONSC-AXIAL_LEAD-2-59-10_P	CMP-0902-00117-1	1
HLMP-4740	T-1 3/4 (5 mm) Low Current LED Lamp, Green, 1.9 V, -20 to 100 degC, 2-Pin THD, RoHS, Bulk	DS1	AVAG-HLMP-4740	CMP-2000-06413-1	1
B2B-PH-K-S(LF)(SN)	Male Header, Pitch 2 mm, 1 x 2 Position, Height 6 mm, Tail Length 3.4 mm, -25 to 85 degC, RoHS, Bulk	J1	JST-B2B-PH-K-S_V	CMP-2000-05162-1	1
SDC1610M5-01	AUDIO MAGNETIC INDICATOR 4-8V TH	LS1	FP-SDC1610M5-01-MFG	CMP-08413-000008-1	1
Header 6	Header, 6-Pin	P1, P2	HDR1X6	Header 6	2
Header 4	Header, 4-Pin	P3, P4, P5	HDR1X4	Header 4	3
IRF530PBF	MOSFET N-CH 100V 14A TO-220AB	Q1	FP-X15-0364-MFG	CMP-02550-000190-1	1
BC547B	Amplifier Transistor, NPN Silicon, 3-Pin TO-92, Bulk Box	Q2	ONSC-TO-92-3-29-11	CMP-1048-01467-1	1
1825910-6	Tact Switch, SPST-NO, 0.05 A, -35 to 85 degC, 4-Pin THD, RoHS, Bulk	SW1	TECO-1825910-6_V	CMP-1684-00021-1	1
MC7805CTG	Positive Voltage Regulator, 1 A, 5 V, 0 to 125 degC, 3-Pin TO-220, RoHS, Tube	U1	ONSC-TO-220-3-221AB-01	CMP-2000-04928-1	1
ATmega328-PU	8-bit AVR Microcontroller, 32KB Flash, 1KB EEPROM, 2KB SRAM, 28-pin PDIP, Industrial Grade (-40°C to 85°C)	U2	28P3	CMP-0095-00015-2	1
16MHz Crystal	Resistance Weld Thru-Hole Crystal, 8 MHz, +/- 50 ppm, 10 pF, -20 to 70 degC, 2-Pin THD, RoHS, Bulk	Y1	FOX-FOXSLF080-20	CMP-003-00025-2	1