

Bill of Materials

Bill of Materials For Project [NickPhamES100_RevB.PrjPcb] (No PCB Document Selected)

Source Data From: NickPhamES100_RevB.PrjPcb
 Project: NickPhamES100_RevB.PrjPcb
 Variant: None

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Footprint	Comment	LibRef	Designator	Description	Quantity
RAD-0.3	Cap	Cap	C1, C2, C3, C4, C5, C6, C7	Capacitor	7
MillMax0_025	0914-0-15-20-77-14-11-0	0914-0-15-20-77-14-11-0	J1, J11	CONN PIN SPRING-LOADED PCB GOLD	2
MillMax0_025	0914-1-15-20-77-14-11-0	0914-1-15-20-77-14-11-0	J2, J3, J8, J9, J10	CONNECTOR	5
MillMax0_025	0914-2-15-20-77-14-11-0	0914-2-15-20-77-14-11-0	J4, J5, J6, J7	CONN PIN PCB .362"	4
JACK/6-V2	Phonejack2	Phonejack2	J13, J14	Jack Socket, 1/4" [6.5mm], Thru-Hole, Vertical, 2-Conductor Open Circuit	2
KLD-0202	PWR2.5	PWR2.5	J15	Low Voltage Power Supply Connector	1
NXP-SOT23_N	NX7002AK,215	NX7002AK,215	Q1, Q2	Single N-Channel Trench MOSFET, 60 V, -55 to 150 degC, 3-Pin SOT23, Tape and Reel	2
AXIAL-0.3	Res1	Res1	R1, R2, R3, R4, R5	Resistor	5
SOP10	LV8548MC-D	LV8548MC-D	U1		1
20S2_N	ATtiny40-SUR	ATtiny40-SUR	U2	8-bit AVR Microcontroller, 1.8-5.5V, 12MHz, 4KB Flash, 256 Bytes SRAM, 20-pin SOIC, Industrial Grade (-40°C to 85°C), Pb-Free, Reel	1
	EA2-5SNJ	EA2-5SNJ	U3	Low Signal Relays - PCB 5VDC SINGLE LATCH	1
TO-220	LM317T	LM317T	U4	1.5A, 1.2V to 37V Adjustable Voltage Regulator, 3-Pin TO-220	1
TO220	L7805ABV	L7805ABV	U5	Positive Voltage Regulator, 5V, 3-Pin TO-220	1

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Approved	Notes