

Qty	Value	Manufacturer part number	Where to order	Notes
1	piece of wire put through the holes for the ground test point	----		
1	Green LED	754-1444-1-ND	Digikey	
1	Orange LED	754-1156-1-ND	Digikey	
1	Red LED	754-1153-1-ND	Digikey	
1	ARDUINO_Nano	Arduino nano	Ebay	
1	BEEPER	433-1033-ND	Digikey	
18	10 uF capacitor 1210	587-1818-1-ND	Digikey	
6	.1 uF CAPACITOR 1210	311-4522-1-ND	Digikey	
1	CONNECTOR_3_PIN - Servo	.1" header eg: HDR100IMP40M-G-V-TH-ND	Digikey	
1	CONNECTOR_3_PINMAYBE_JST-Got it from an assortment	455-2248-ND	Digikey	I'm pretty sure that this is the right part number. I bought a bunch of these in an assortment
2	CONNECTOR_4_PIN	455-2249-ND	Digikey	I'm pretty sure that this is the right part number. I bought a bunch of these in an assortment
2	CONNECTOR_6_PINJST_MAYBE -Got it from an assortment	455-2271-ND	Digikey	I'm pretty sure that this is the right part number. I bought a bunch of these in an assortment
3	DC_TO_DC_VARIABLE_555-1172-1-ND	555-1172-1-ND	Digikey	
1	DIODESOD-23/SC-76	BAT54HT1GOSCT-ND	Digikey	
1	FUSE HOLDER_F065-ND36-4527-ND	F064-ND	Digikey	
1	HIGH-SIDE_SWITCH_INFINEON_ITS428L2	ITS428L2ATMA1CT-ND	Digikey	
2	MOSFET_N_CHANNELBSS138LCT-ND	BSS138LCT-ND	Digikey	
10	Fuses (2A)	F986-ND	Digikey	
4	Screw terminals for power / button	A113320-ND	Digikey	
1	Power button	Your choice since it isn't on the board!	Anywhere you want	
5	RESISTOR0805 - 10K	311-10.0KCRCT-ND	Digikey	
1	Resistor 0805 - 13.3K	311-13.3KCRCT-ND	Digikey	
1	Resistor 0805 - 16.2K	311-16.2KCRCT-ND	Digikey	
1	Resistor 0805 - 6.19K	311-6.19KCRCT-ND	Digikey	
1	Resistor 0805 - 1K	311-1.00KCRCT-ND	Digikey	
1	Resistor 0805 - 3.8K	311-3.83KCRCT-ND	Digikey	
3	Resistor 0808 - 220 Ohm	311-220CRCT-ND	Digikey	
1	Resistor 0805 - 200K	311-200KCRCT-ND	Digikey	
1	Resistor 0805 - 47K	311-47.0KCRCT-ND	Digikey	
1	Resistor 0805 - 470 Ohm	311-470CRCT-ND	Digikey	
1	Resistor 0805 - 1.2K	311-1.20KCRCT-ND	Digikey	
1	Resistor 0805 - 590 Ohm	311-590CRCT-ND	Digikey	
3	680 pF 0805 capacitor	478-10410-1-ND	Digikey	
1	Battery holder		https://www.thingiverse.com/thing:2996652	
1	Circuit board		I ordered from allpcb.com but you could order from anywhere you want.	
1	Raspberry Pi Zero W		https://www.adafruit.com/product/3400	Note that I haven't completely decided on this one yet. It may not be powerful enough to do what I want in real-time