

Item	QTY	Cost per Unit	Link
ItsyBitsy 5V (32u4)	1	\$9.95	<a href="https://www.adafruit.com/product/3677">https://www.adafruit.com/product/3677</a>
Power Strip (Relay)	1	\$34.95	<a href="https://www.adafruit.com/product/2935">https://www.adafruit.com/product/2935</a>
ALITOVE DC 12V 5A	1	\$12.99	<a href="https://a.co/d/gC0HhTv">https://a.co/d/gC0HhTv</a>
ALITOVE DC 24V 5A	1	\$20.99	<a href="https://a.co/d/0N48LrR">https://a.co/d/0N48LrR</a>
Kinter K3138 (include PSU)	1	\$29.99	<a href="https://a.co/d/7kK4p4w">https://a.co/d/7kK4p4w</a>
Poly-planar (MA-3013G) (2-pair)	1	\$73.00	<a href="https://a.co/d/jeAjoWd">https://a.co/d/jeAjoWd</a>
1/8 to 1/8 stereo cable	1	\$9.83	<a href="https://a.co/d/8GvUhxT">https://a.co/d/8GvUhxT</a>
IR Sensor OPB732WZ	1	\$5.57	<a href="https://www.digikey.com/short/3n2pftft">https://www.digikey.com/short/3n2pftft</a>
Accelerometer LSM6DSOX	1	\$11.95	<a href="https://www.adafruit.com/product/4438">https://www.adafruit.com/product/4438</a>
MagLock HFeng Electric 60KG	1	\$16.99	<a href="https://a.co/d/hN2lu2c">https://a.co/d/hN2lu2c</a>
USB A-Male to Micro B	1	\$7.45	<a href="https://a.co/d/1P6mdxp">https://a.co/d/1P6mdxp</a>
Limit Switch HiLetgo V-156-1C25	1	\$7.79	<a href="https://a.co/d/arL1Zya">https://a.co/d/arL1Zya</a>
Magnetic Reed Switch Normally Open	1	\$9.99	<a href="https://a.co/d/4pM38kd">https://a.co/d/4pM38kd</a>
ROYFACC LED (3 Modules)	3	\$11.99	<a href="https://a.co/d/9AUnh9M">https://a.co/d/9AUnh9M</a>
Stepper Driver DM860I	1	\$53.73	<a href="https://www.omc-stepperonline.com/digital-stepper-driver-2-4">https://www.omc-stepperonline.com/digital-stepper-driver-2-4</a>
Stepper NEMA 34	1	\$180.50	<a href="https://mcmaster.com/6627T56/">mcmaster.com/6627T56/</a>
<b>Circuit</b>			
Mosfet SI7460DP-T1-GE3		\$3.20	<a href="https://mou.sr/3GcY9ni">https://mou.sr/3GcY9ni</a>
10K SMD Resistors		\$0.10	<a href="https://www.digikey.com/short/b225jcw7">https://www.digikey.com/short/b225jcw7</a>
Phoenix connectors (2-pin) Male	4	\$0.86	<a href="https://www.digikey.com/short/v2rp7dfq">https://www.digikey.com/short/v2rp7dfq</a>
Phoenix connectors (2-pin) Female	4	\$0.56	<a href="https://www.digikey.com/short/2jq08mjc">https://www.digikey.com/short/2jq08mjc</a>
Phoenix connectors (3-pin) Male	3	\$0.99	<a href="https://www.digikey.com/short/0bnhnhtht">https://www.digikey.com/short/0bnhnhtht</a>
Phoenix connectors (3-pin) Female	3	\$0.61	<a href="https://www.digikey.com/short/tmn3hnwd">https://www.digikey.com/short/tmn3hnwd</a>
Phoenix connectors (4-pin) Male	2	\$1.31	<a href="https://www.digikey.com/short/q49w7p2v">https://www.digikey.com/short/q49w7p2v</a>
Phoenix connectors (4-pin) Female	2	\$0.80	<a href="https://www.digikey.com/short/z0fpdm75">https://www.digikey.com/short/z0fpdm75</a>
Phoenix connectors (5-pin) Male	-	\$1.64	<a href="https://www.digikey.com/short/pq89nvjq">https://www.digikey.com/short/pq89nvjq</a>
Phoenix connectors (5-pin) Female	-	\$0.79	<a href="https://www.digikey.com/short/rcw1rhhv">https://www.digikey.com/short/rcw1rhhv</a>
Phoenix connectors (6-pin) Male	1	\$1.75	<a href="https://www.digikey.com/short/v2b0mqv0">https://www.digikey.com/short/v2b0mqv0</a>
Phoenix connectors (6-pin) Female	1	\$0.94	<a href="https://www.digikey.com/short/rm748vpc">https://www.digikey.com/short/rm748vpc</a>