

Part No.	Component	Type	Quantity	Supplier	Supplier Link
1	C7, C9	CAP, 1uF	3		https://www.digikey.com/en/products/detail/tdk-corporation/C4532X7R1C336M250KC/1923413
2	C8, C10, C12	CAP, 10uF	4		https://www.digikey.com/en/products/detail/cal-chip-electronics-inc/GMC43X7R106K25NT/18151083
4	R7, R12, R9, R10	RES, 10K	6		https://www.digikey.com/en/products/detail/stackpole-electronics-inc/RMCF2010FT10K0/1758376
5	R4, R8	RES, 5.1K	2		https://www.digikey.com/en/products/detail/koa-speer-electronics-inc/RK73B2HTTE512J/10393926
6	R13, R16	RES, 10	2		https://www.digikey.com/en/products/detail/vishay-dale/CRCW201010R0FKEF/1173910
7	R5	RES, 300K	1		https://www.digikey.com/en/products/detail/vishay-dale/CRCW2010300KJNEF/1173894
8	R1, R2, R6	RES, 100K	3		https://www.digikey.com/en/products/detail/te-connectivity-passive-product/CRGCQ2010F100K/8576558
9		MCU	1		https://www.digikey.com/en/products/detail/stmicroelectronics/stm32f411ret6tr/7313108
10		USB	1		https://www.digikey.com/en/models/4312191
11		MOT DRIVER	1		https://www.digikey.com/en/products/detail/toshiba-semiconductor-and-storage/TB6612FNG-C-8-EL/1730070?s
12		JST, 2 PIN	2		https://www.digikey.com/en/models/2241777
13	R3	RES, 1K	1		https://www.digikey.com/en/products/detail/koa-speer-electronics-inc/RK73B2HTTE102J/10393884
14		LED, RED	1		https://www.digikey.com/en/models/14555739
15		LED, BLUE	1		https://www.digikey.com/en/models/4489933
16	C11, C16, C1	CAP, 0.1uF	3		https://www.digikey.com/en/products/detail/cal-chip-electronics-inc/CHV1812N500104MXT/22238716
17	C14, C15	CAP, 16pF (15)	2		https://www.digikey.com/en/products/detail/knowles-syfer/1812Y3K00150JCT/6475626
18		MOT PFET	1		https://www.digikey.com/en/products/detail/diodes-incorporated/DMG3415UFY4Q-7/5970445
19		JST, 4 PIN	6		https://www.digikey.com/en/products/detail/jst-sales-america-inc/B4B-PH-SM4-TB/926643
20		JST, 3 PIN	4		https://www.digikey.com/en/products/detail/jst-sales-america-inc/BM03B-XASS-TF/1634764
21		JST, 20 PIN	1		https://www.digikey.com/en/products/detail/sullins-connector-solutions/NPPC102KFMS-RC/776178
22		8MHZ OSC	1		https://www.digikey.com/en/products/detail/ecs-inc/ECS-80-18-30-JGN-TR/5875530
23		EVP SWITCH	1		https://www.digikey.com/en/products/detail/panasonic-electronic-components/EVP-ASAC1A/4930557?s=N4lgTC
25		12V PFET	1		https://www.digikey.com/en/models/3770033
26		ZENER DIODE	1		https://www.digikey.com/en/products/detail/toshiba-semiconductor-and-storage/cmz15-te12l-q-m/7809461
27		BUCK SWITCH	1		https://www.digikey.com/en/products/detail/analog-devices-inc/adp2302ardz-5-0-r7/2606527
28	C2, C5	CAP, 22uF	2		https://www.digikey.com/en/products/detail/yageo/CC1812JKNPOEBN220/5884816
29		Inductor, 6.8mH	1		https://www.digikey.com/en/products/detail/tdk-corporation/mlz2012n6r8lt000/2523499
30	C3, C4	0.47uF	2		https://www.digikey.com/en/products/detail/tdk-corporation/C4532X7R2E474K230KA/789693
31		LDO 5-3.3V	1		https://www.digikey.com/en/products/detail/diodes-incorporated/AP7315Q-33W5-7/10294930?s=N4lgTCBcDalII/
3	C6	CAP, 4.7uF	1		https://www.digikey.com/en/products/detail/kemet/C1812C475M5RAC7800/2235866
33		BN0055 IMU	1		
34		FSR	2		
37		MOTORS	2		https://www.digikey.com/en/products/detail/adafruit-industries-llc/2472/5699182
32		SERVO	2		https://www.amazon.com/Dorhea-Arduino-Helicopter-Airplane-Walking/dp/B07Q6JGWNV/ref=sr_1_7?sr=8-7
35		Glove Pair	1		https://www.amazon.com/TRENDOUX-Winter-Texting-Smartphone-Driving/dp/B07JYJM6JT/ref=sr_1_5?sr=8-5
36		Wires	1		https://www.amazon.com/Elegoo-EL-CP-004-Multicolored-Breadboard-arduino/dp/B01EV70C78/ref=sr_1_3?sr=8-
24		XT30PW-M	1		https://www.amazon.com/Amass-XT30PW-Upgrade-Connectors-Battery/dp/B099F2PXYN/ref=sr_1_1?sr=8-1