

	Manufacturer Part No.	Datasheet Link	Vendor	Description	Vendor Part No.	Qty.	Unit Price	Total Price	Vendor Link	Primary Use	Notes	Ordered
Raspberry Pi	Raspberry Pi Model B	http://docs-e	N/A	Raspberry Pi	N/A	1	\$19.99	\$19.99	https://www.spar	Camera Interfacing	Preowned	y
N/A	N/A	N/A	Ebay	Electronic Project Box	N/A	1	\$3.85	\$3.85	http://www.ebay	Waterproof Casing		y
Raspberry Pi	Raspberry Pi Camera Module		Ebay	Raspberry Pi Camera	N/A	1	\$9.99	\$9.99	http://www.ebay	Video Streaming		y
JFRC	U2212	N/A	Taobao	Motor	N/A	4	\$13.28	\$53.12	https://world.taob	Actuators		y
Feiyue	FY450 TL2749-05	N/A	Taobao	Quadcopter Frame	N/A	1	\$9.71	\$9.71	https://world.taob	Support Motors		y
APC	APC 1147	N/A	eBay	Quadcopter Blade	N/A	2	\$4.49	\$8.98	http://www.ebay	For Motor		y
Tenergy	Tenergy 11.1V 2200mAh 25C LIPO	N/A	All-Battery.com	Battery	N/A	1	\$19.99	\$19.99	http://www.all-ba	Power Supply		y
Microchip Techno	MIC5219-3.3YM5-TR	http://ww1.m	Digi-Key	Voltage Regulator	576-1281-1-ND	1	\$0.92	\$0.92	http://www.digike	Voltage Regulation		y
Infineon Technolo	IRLML6244TRPBF	http://www.ir	Digi-Key	N-Channel MOSFET	IRLML6244TRPBFCT-ND	5	\$0.36	\$1.80	http://www.digike	Motor Control		y
Murata Electronic	CSTCE8M00G55-R0	http://www.r	Digi-Key	Ceramic Resonator	490-1195-1-ND	1	\$0.46	\$0.46	http://www.digike	MCU Timing Contro		y
Microchip Techno	ATMEGA328P-AUR	http://www.a	Digi-Key	Microcontroller	ATMEGA328P-AURCT-ND	1	\$3.81	\$3.81	http://www.digike	Microcontroller		y
Parasonic Electroi	DB2W40300L	http://www.s	Digi-Key	Diode	DB2W40300LCT-ND	4	\$0.55	\$2.20	http://www.digike	Motor Control		y
Bourns Inc	CR0603-FX-1002GLF	http://www.b	Digi-Key	Resistor 10kΩ	CR0603-FX-1002GLFCT-ND	6	\$0.10	\$0.60	http://www.digike	Motor Control		y
Bourns Inc	CR0603-JW-221GLF	http://www.b	Digi-Key	Resistor 220Ω	CR0603-JW-221GLFCT-ND	3	\$0.10	\$0.30	http://www.digike	LED Circuit		y
Bourns Inc	CR0603-JW-183ELF	http://www.b	Digi-Key	Resistor 18kΩ	CR0603-JW-183ELFCT-ND	1	\$0.10	\$0.10	http://www.digike	Voltage Divider		y
Yageo	CC0603ZRY5V9BB104	http://www.y	Digi-Key	Capacitor 100nF	311-1343-1-ND	5	\$0.10	\$0.50	http://www.digike	Decoupling Capacit		y
Yageo	CC0603KRX7R7BB105	http://www.y	Digi-Key	Capacitor 1uF	311-1446-1-ND	2	\$0.10	\$0.20	http://www.digike	For Voltage Regulat		y
Yageo	CC0603MRX5R5BB106	http://www.y	Digi-Key	Capacitor 10uF	311-1448-1-ND	1	\$0.21	\$0.21	http://www.digike	For Antenna		y
KEMET	C1210C107M9PACTU	http://www.k	Digi-Key	Capacitor 100uF	399-4697-1-ND	4	\$1.06	\$4.24	http://www.digike	Smooth out motor transient		y
RAFI USA	1.14001.5030000	http://media	Digi-Key	Switch	1715-1032-1-ND	1	\$2.34	\$2.34	http://www.digike	Reset Button		y
Invensense	MPU-6050	https://store	Invensense Onlin	Gyroscope	MPU-6050	1	\$5.45	\$5.45	https://store.inve	Measure acceleration, angular velocity		
Nordic Semicondu	nRF24L01	https://www	GearBest	Radio Module	nRF24L01	2	\$0.93	\$1.86	http://www.gearb	Wireless Communication		
								\$150.62				