

Item #	Designator	Qty	Manufacturer	Mfg Part #	Description / Value	Vendor Part #	Package/Footprint	Category	Unit Price(1 set)	Total	Delivery Time	Actual Purchase Mfg Part #	PCBWay Note	Customer Reply
1	C1, C2, C4, C5	5	kemet	C1206C104K5RAC780	100 nF 50V Unpolarize	https://www.digikey.fr/e	Capacitor_SMD:C_1206	C_Small	\$0.231	\$1.155				
2	C3, C6, C8	3	kemet	T495D106M035ATE30	10 µF 50V Polarized ca	https://www.digikey.fr/e	Capacitor_Tantalum_SMD	C_Polarized_Small	\$1.907	\$5.721	7-10 Workdays			
3	C5	1	kemet	C1206C474K5RAC780	470 nF 50V Unpolarize	https://www.digikey.fr/e	Capacitor_SMD:C_1206	C_Small	\$0.819	\$0.819				
4	J1	1	molex	22292031	DS18B20 conn. 5-pin	https://www.digikey.fr/e	Connector_Molex:Molex	Conn_01x03_Male	\$1.112	\$1.112			The quoted part number is [22292031], not [DS18B20] as specified in description	
5	J2	1	molex	22272041	Power input 5-pin	https://www.digikey.fr/e	Connector_Molex:Molex	Conn_01x04_Male	\$1.006	\$1.006				
6	J3	1	molex	22272041	CAN BUS conn. 5-pin	https://www.digikey.fr/e	Connector_Molex:Molex	Conn_01x04_Male	\$1.006	\$1.006				
7	J4	1	molex	22272021	CAN BUS conn. 5-pin	https://www.digikey.fr/e	Connector_Molex:Molex	Conn_01x02_Male	\$1.006	\$1.006				
8	J6	1	adam-tech	RS1-08-G	RA8875 conn. 5-pin	https://www.digikey.fr/e	Connector_PinSocket	Conn_01x08_Female	\$1.409	\$1.409				
9	J7	1	Keystone	1026	CR2032_Batt_Holder	https://fr.rs-online.com	Battery:BatteryHolder	CR2032_Batt_Holder	\$2.247	\$2.247	7-10 Workdays		The quoted part number is [1026], not [CR2032] as specified in description	
10	J8	1	molex	22272041	AHRS conn. 5-pin	https://www.digikey.fr/e	Connector_Molex:Molex	Conn_01x04_Male	\$1.006	\$1.006				
11	J9	1	te-connectivity-amp-co	338068-6	ENCODER conn. 6-pin	https://www.digikey.fr/e	SamacSys_Parts:3380	Conn_01x06_Female	\$0.706	\$0.706				
12	R1, R3, R4, R5	5	te-connectivity-passive	CRG1206F4K7	4.7k 5% Resistor	https://www.digikey.fr/e	Resistor_SMD:R_1206	R	\$0.092	\$0.460				
13	R2	1	yageo	RC1210FR-07120RL	120R 5% Resistor, sm	https://www.digikey.fr/e	Resistor_SMD:R_1210	R_Small	\$0.063	\$0.063				
14	R7, R8, R9, R4	4	yageo	RC1206FR-0733RL	33R 5% Resistor, sma	https://www.digikey.fr/e	Resistor_SMD:R_1206	R_Small	\$0.063	\$0.252				
15	U1	1	microchip-technology	MCP2562-E-P	MCP2562-E-P 5-pin Hig	https://www.digikey.fr/e	Package_DIP:DIP-8_W	MCP2562-E-P	\$1.713	\$1.713	7-10 Workdays	MCP2562-E/P		
16	U2	1	sparkfun-electronics	DEV-20359	Teensy4.1	https://www.digikey.fr/e	teensy:Teensy41	Teensy4.1	\$47.814	\$47.814	7-10 Workdays			
17	U3	1			AMS5915-0050D	https://www.analog-mic		AMS5915-0050D				AMS5915-0050D	[It's out of stock. Please recommend substitutes or you can supply this part to us.]	
18	U4	1			AMS5915-1500A	https://www.analog-mic		AMS5915-1500A				AMS5915-1500A	[It's out of stock. Please recommend substitutes or you can supply this part to us.]	
19		0	adafruit-industries-llc	1590	Adafruit RA8875	https://www.digikey.fr/e							pls advise designator and quantity	
20		0	grayhill-inc	62SG22-M5-060C	GrayHill Encoder	https://www.digikey.fr/e							pls advise designator and quantity	
21		0	adafruit-industries-llc	381	DS18B20	https://www.digikey.fr/e							The quoted part number is [381], not [DS18B20] as specified in description. pls advise designator and quantity	
22		0			AHRS	https://avionicsduino.cc							pls advise designator and quantity	
Component Cost										\$67.50				