

Ref	Qty	Value	Cmp name	Footprint	Description	Vendor
C1, C2, C4, C7, C9,	5	100 nF	C_Small	Capacitor_SMD:C_1206_3216Metric_Pad1.33x1.80mm_HandSolder	Unpolarized capacitor, small symbol	https://www.digikey.fr/en/products/detail/kemet/C1206C104K5RAC7800
C3, C6, C8,	3	10 µF	C_Polarized_Small	Capacitor_Tantalum_SMD:CP_EIA-7343-31_Kemet-D_Pad2.25x2.55mm_HandSolder	Polarized capacitor, small symbol	https://www.digikey.fr/en/products/detail/kemet/T495D106M035ATE30C
C5,	1	470 nF	C_Small	Capacitor_SMD:C_1206_3216Metric_Pad1.33x1.80mm_HandSolder	Unpolarized capacitor, small symbol	https://www.digikey.fr/en/products/detail/kemet/C1206C474K5RAC7800
J1,	1	DS18B20 conn.	Conn_01x03_Male	Connector_Molex:Molex_KK-254_AE-6410-03A_1x03_P2.54mm_Vertical	Generic connector, single row, 01x03	https://www.digikey.fr/en/products/detail/molex/0022292031/1130589
J2,	1	Power input	Conn_01x04_Male	Connector_Molex:Molex_KK-254_AE-6410-04A_1x04_P2.54mm_Vertical	Generic connector, single row, 01x04	https://www.digikey.fr/en/products/detail/molex/0022272041/1130579
J3,	1	CAN BUS conn.	Conn_01x04_Male	Connector_Molex:Molex_KK-254_AE-6410-04A_1x04_P2.54mm_Vertical	Generic connector, single row, 01x04	https://www.digikey.fr/en/products/detail/molex/0022272041/1130579
J4,	1	CAN BUS conn.	Conn_01x02_Male	Connector_Molex:Molex_KK-254_AE-6410-02A_1x02_P2.54mm_Vertical	Generic connector, single row, 01x02	https://www.digikey.fr/en/products/detail/molex/0022272021/1130577?
J6,	1	RA8875 conn.	Conn_01x08_Female	Connector_PinSocket_2.54mm:PinSocket_1x08_P2.54mm_Vertical	Generic connector, single row, 01x08	https://www.digikey.fr/en/products/detail/adam-tech/RS1-08-G/9832056
J7,	1	CR2032_Batt_Holder	CR2032_Batt_Holder	Battery:BatteryHolder_Keystone_103_1x20mm		https://fr.rs-online.com/web/p/porte-piles/1142133
J8,	1	AHRS conn.	Conn_01x04_Male	Connector_Molex:Molex_KK-254_AE-6410-04A_1x04_P2.54mm_Vertical	Generic connector, single row, 01x04	https://www.digikey.fr/en/products/detail/molex/0022272041/1130579
J9,	1	ENCODER conn.	Conn_01x06_Female	SamacSys_Parts:3380686	Connector,	https://www.digikey.fr/en/products/detail/te-connectivity-amp-connector
R1, R3, R4, R5, R6,	5	4.7k	R	Resistor_SMD:R_1206_3216Metric_Pad1.30x1.75mm_HandSolder	Resistor	https://www.digikey.fr/en/products/detail/te-connectivity-passive-product
R2,	1	120R	R_Small	Resistor_SMD:R_1210_3225Metric_Pad1.30x2.65mm_HandSolder	Resistor, small symbol	https://www.digikey.fr/en/products/detail/vageo/RC1210FR-07120RL/59
R7, R8, R9, R10,	4	33R	R_Small	Resistor_SMD:R_1206_3216Metric_Pad1.30x1.75mm_HandSolder	Resistor, small symbol	https://www.digikey.fr/en/products/detail/vageo/RC1206FR-0733RL/728
U1,	1	MCP2562-E-P	MCP2562-E-P	Package_DIP:DIP-8_W7.62mm	High-Speed CAN Transceiver	https://www.digikey.fr/en/products/detail/microchip-technology/MCP2562
U2,	1	Teensy4.1	Teensy4.1	teensy:Teensy41		https://www.digikey.fr/en/products/detail/sparkfun-electronics/DEV-203
U3,	1	AMS5915-0050D	AMS5915-0050D			https://www.analog-micro.com/en/products/pressure-sensors/board-mo
U4,	1	AMS5915-1500A	AMS5915-1500A			https://www.analog-micro.com/en/products/pressure-sensors/board-mo
		Adafruit RA8875				https://www.digikey.fr/en/products/detail/adafruit-industries-llc/1590/57
		GrayHill Encoder				https://www.digikey.fr/en/products/detail/grayhill-inc/62SG22-M5-060C/
		DS18B20				https://www.digikey.fr/en/products/detail/adafruit-industries-llc/381/587
		AHRS				https://avionicsduino.com/index.php/en/the-ahrs/