

Designator	Quantity	Comment	Manufacturer	Supplier	Manufacturer Part Number	Price par unit	
C1		1 15 uF/35 V (TPSD156M03	KYOCERA AVX	Digikey	478-4101-1-ND	1.57	Commandé
C2		1 220 uF/16 V (TPSD227M0	KYOCERA AVX	Digikey	478-5244-1-ND	1.34	Commandé
C3, C14		2 10uF		ETML-ES	-	0.1	Stock ES
C4		1 22uF		ETML-ES	-	0.1	Stock ES
C5		1 10nF		ETML-ES	-	0.1	Stock ES
C6, C7		2 47pF		ETML-ES	-	0.1	Stock ES
C8, C9, C15, C16, C17, C18, C19, C20		8 100nF		ETML-ES	-	0.1	Stock ES
C10, C12		2 0.15uF		ETML-ES	-	0.1	Stock ES
C11, C13		2 1uF		ETML-ES	-	0.1	Stock ES
D1		1 SS26	Taiwan Semiconduc	Digikey	1801-SS26CT-ND	0.36	Commandé
J1, J2, J3, J8		4 691214110002	Wurth Elektronik	Digikey	732-2747-ND	0.77	Commandé
J4, J5, J6, J7, J9, J11, J12		7 691214110003	Wurth Elektronik	Digikey	732-2748-ND	1.02	Commandé
J10		1 UJ2-BH-1-TH	CUI Devices	Digikey	102-3999-ND	0.55	Commandé
L1		1 68 uH	Eaton - Electronics I	Digikey	513-1083-1-ND	2.02	Commandé
L2		1 MI0805K601R-10	Laird-Signal Integrity	Digikey	240-2390-1-ND	0.2	Commandé
LED1		1 LGR971	ams-OSRAM USA IN	Digikey	475-LGR971-KN-1CT-ND	0.23	Stock ES
LED2		1 LSR976	ams-OSRAM USA IN	Digikey	475-LSR976-NR-1CT-ND	0.23	Commandé
P1, P2, P5		3 61300611121	Wurth Elektronik	Digikey	732-5319-ND	0.3	Commandé
P3, P4		2 61300411121	Wurth Elektronik	Digikey	732-5317-ND	0.17	Commandé
P6		1 61300311121	Wurth Elektronik	Digikey	732-5316-ND	0.11	Commandé
Q1, Q2, Q3		3 BSS138	Onsemi	Digikey	BSS138CT-ND	0.23	Commandé
R1, R2, R5, R7, R8, R15, R16, R17, R18		9 10k	Yageo	ETML-ES	-	0.1	Stock ES
R3, R4		2 27R	Yageo	ETML-ES	-	0.1	Stock ES
R6		1 1k0	Yageo	ETML-ES	-	0.1	Stock ES
R9, R13		2 4.7k	Yageo	ETML-ES	-	0.1	Stock ES
R10, R12		2 9.1k	Yageo	ETML-ES	-	0.1	Stock ES
R11, R14		2 5k1	Yageo	ETML-ES	-	0.1	Stock ES
R19		1 110R	Yageo	ETML-ES	-	0.1	Stock ES
R20		1 150R	Yageo	ETML-ES	-	0.1	Stock ES
SW1		1 FSM2JSMAA	TE Connectivity ALC	Digikey	450-3355-ND	0.15	Commandé
TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP9, TP1		22 TestPoint_5019	Keystone	Digikey	36-5019CT-ND	0.31	Commandé
U1		1 MIC4680-5.OYM	Microchip Technolo	Digikey	576-3379-5-ND	2.58	Commandé
U2		1 173950336	Wurth Elektronik	Digikey	732-173950336-ND	5.67	Commandé
U3		1 FT230XS-R(SSOP16)	FTDI, Future Techno	Digikey	768-1135-1-ND	1.97	Commandé
U4, U5		2 TP2111-TR	3PEAK	Digikey	5503-TP2111-TRCT-ND	0.74	Commandé
U6		1 PIC32MX230F256D-IPT	Microchip Technolo	Digikey	PIC32MX230F256D-I/PT-ND	3.91	Commandé

Gyroscope		1 105020012	Seeed Technology C	Digikey	1597-1368-ND	11.22	Commandé
Câble pour le gyroscope		1 A034-D	M5Stack Technolog	Digikey	2221-A034-D-ND	1.7	Commandé
Capteurs de distances		4 GP2Y0A21YK0F	SHARP/Socle Techn	Digikey	1855-1062-ND	10.3	Commandé
Connecteurs pour les capteurs de distances		4 PHR-3	JST Sales America In	Digikey	455-1126-ND	0.09	Commandé
Fils de raccordement pour connecteurs		12 ASPHSPH24K305	JST Sales America In	Digikey	455-3083-ND	0.44	Commandé
Câble USB-B		1 CBL-UA-UB-20BP	CUI Devices	Digikey	2223-CBL-UA-UB-20BP-ND	3.77	Commandé

Prix Total	108.67	fr
Prix PCB	64.14	fr

Pièce déjà en ma possession			
Driver moteur	1	sabertooth 2x32	~ 150 Euro
Moteur	2	Moteur DC 24V/400W	~ 280 Euro
Structure métallique	1		~ 250 Euro
Licence Simtools	1		~ 80 fr
		Prix total	~ 720 fr