

Bill Of Materials for Smart Autonomous Bot

Design Title	Smart Autonomous Bot
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Document Number	
Revision	V1
Design Created	14 january 2017
Design Last Modified	21 january 2017
Total Parts In Design	26

Category	Quantity	References	Value	Stock Code	Unit Cost
Capacitors	1	C1	47uF	526-1531	0,164
Capacitors	1	C2	0.1uF	830-9948	0,44
Resistors	8	R1-R8	4.7k	707-7726	0,017
Resistors	1	R9	200	148-332	0,135
Miscellaneous	1	J2	X-AXIS-SERVO1	132-0361	0,091
Miscellaneous	1	J3	Y-AXIS-SERVO2	132-0361	0,091
Miscellaneous	1	J4	ULTRASONIC_HC_SR04_1	828-2067	0,45
Miscellaneous	1	J5	ULTRASONIC_HC_SR04_2	681-2979	0,054
Miscellaneous	1	J6	TRACKER_SENSOR_IR	681-2985	0,097
Miscellaneous	1	J7	HALL-EFFECT-SENSOR	132-0361	0,091
Miscellaneous	1	J8	VS1838B_INFRARED	132-0361	0,091
Miscellaneous	1	J9	BLUETOOTH-HC05	828-2067	0,45
Miscellaneous	1	J10	WIFI-ESP8266	828-2067 x 2	0,45
Miscellaneous	1	J11	GPS-U-blox NEO-6M	828-2067	0,45
Miscellaneous	1	JN1	JN1	828-1541	1,34
Miscellaneous	1	JN2	JN2	828-1541	1,34
Miscellaneous	2	L298N-5V,RX63N-5V	CONN-SIL2	483-8461	0,102
Miscellaneous	1	LED_ON	LED	228-6004	0,136

Totals

Category	Quantity	Unit Cost
Capacitors	2	£0,60
Resistors	9	£0,27
Miscellaneous	15	£5,34
Total	26	£6,21