

SparkBot BOM

PRODUCT NAME SparkBot

CURRENT DATE 14/05/15

Identifier	Description	Value	Designator	Quantity	Price	TOTAL
Photoresistor		350-00009-ND	LDR	1	\$1.99	\$1.99
Piezo Buzzer Electric Transducer		490-5958-1-ND	P1	1	\$3.62	\$3.62
SparkFun Electret Microphone Breakout	https://www.sparkfun.com/products/9964		M1	1	\$7.95	\$7.95
Servo Motor	Adafruit	1528-1076-ND	H1, LE1, RI1,	3	\$5.95	\$17.85
RGB Light LED Diodes	5mm Diameter, 4 Pins	754-1615-ND	RGB	4	\$1.89	\$7.56
Mini Micro Momentary Tactile Push Button Switch		450-1650-ND	B1, B2	2	\$0.10	\$0.20
Resistor	220 Ohms	S220HCT-ND	R1	1	\$0.11	\$0.11
Female Headers (12 pos)	(0.1 inch spacing)	S7045-ND	J1, J2	2	\$1.01	\$2.02
Female Headers (8 pos)	(0.1 inch spacing)	S7041-ND	I/O	1	\$0.89	\$0.89
Male Headers(3 pos)	(0.1 inch spacing)	S1012E-03-ND	H1, LE1, RI1,	3	\$0.39	\$1.17
Jumper Wires	Pack of 10 (male to male)	1471-1232-ND		1	\$3.18	\$3.18
Half Breadboard		377-2094-ND		1	\$4.50	\$4.50
Micro USB Cable		Q855-ND		1	\$2.63	\$2.63
Particle Photon				1	\$19.00	\$19.00

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Main PCB	1	\$12.71	\$12.71
Other PCBs	1	\$7.47	\$7.47
Total:			\$92.85
Without Photon:			\$73.85