

Sheet1

Part	Supplier	cost	per	Per Bot	cost
Servos/Wheels	Amazon	\$26.99	4	2	\$13.50
Servos	Adafruit	\$7.50	1	0	\$0.00
Wheels	Adafruit	\$2.50	1	0	\$0.00
Ball Castor	Pololu	\$13.55	5	0	\$0.00
Ball Castor	Adafruit	\$17.60	10	1	\$1.76
8x8 TOF Sensor, 65deg FOV	Pololu	\$422.25	25	1	\$16.89
ESP32-S3 Feather	Adafruit	\$17.50	1	1	\$17.50
UM FeatherS3D	Adafruit	\$24.95	1	0	\$0.00
TCRT5000 Infrared Reflective Sensor	Amazon	\$7.99	10	2	\$1.60
FET 12V, 9.3A	Digikey	\$3.90	10	0	\$0.00
FET 20V, 2.3A	Digikey	\$20.02	100	3	\$0.60
Resistor 10K 1/4W 1% SMD 1206	Digikey	\$1.23	50	3	\$0.07
Resistor 510 1/4W 1% SMD 1206	Digikey	\$1.23	50	2	\$0.05
Socket headers 20pin	Adafruit	\$22.50	50	2	\$0.90
Pin headers 36pin	Adafruit	\$4.95	10	1	\$0.50
Lilon Battery – 3.7V 2200mAh	Adafruit	\$89.60	10	1	\$8.96
3.9" Female-Female .1 header cable	Amazon	\$6.98	120	7	\$0.41
5.9" Female-Female .1 header cable	Amazon	\$7.49	120	8	\$0.50
#1x3/8" phillips pan head sheet metal screws	Amazon	\$17.01	100	25	\$4.25
Total		\$67.48			

Sheet1

link

https://www.amazon.com/dp/B079FRHBTR?ref_=pe_125775000_1044873430_t_fed_asin_title
<https://www.adafruit.com/product/2442>
<https://www.adafruit.com/product/2744>
<https://www.pololu.com/product/951>
<https://www.adafruit.com/product/3949>
<https://www.pololu.com/product/3417>
<https://www.adafruit.com/product/5323>
<https://www.adafruit.com/product/6399>
https://www.amazon.com/dp/B08YRCR6ML?ref_=pe_125775000_1044873430_t_fed_asin_title
<https://www.digikey.com/en/products/detail/diodes-incorporated/DMN1019USN-7/4898853>
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https://www.amazon.com/Screws-Phillips-Stainless-Self-Tapping-Quantity/dp/B01CTEF23E/ref=sr_1_1?c

