

Component Price List

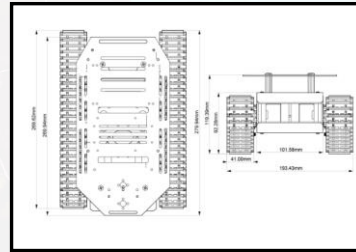
Turtle Hatchling Protection Robot

10/29/2024

Component	Purpose	Amount	Product
Robot Chassis	Robot Control	\$98.00	ROBOT URL
Robot Transportation	Transportation	\$313.00	
GPS Module	Communication	\$10.00	GPS URL
GPS Module Transportation	Communication	\$0.00	
Buzzer	Protection	\$2.00	
Cables	Robot Control	\$5.00	
Developer Board	Robot Control	\$10.00	
Total Expense		\$438.00	

Robot Chasis Features

Item	Specification
Material	Aluminum alloy
Thickness	2mm
Width	194mm
Length	270mm
Product weight	Single Layer: 1.4kg
Color	Black
Package weight	2.3kg
Package size	320*240*150mm
Pre-reduction speed	6500rpm
Stall current	1.5A
Stall torque	0.5N.m
Voltage range	7-13V
Motor type	JGB3865- 520R45-12



Features

- Simultaneous multiconstellation
- -163 dBm tracking sensitivity
- 1.5 m CEP position accuracy
- 16 Mbit embedded Flash for data logging and FW upgrade
- VCC/VBAT supply voltage range from 1.75 V to 4.2 V
- VCC_IO 1.8 V and 3.3 V
- Tiny LCC 18-pin package (9.7x10.1)
- Operating temperature (from -40° to 85 °C)
- Free FW configuration
- Measurement data (carrier phase)
- 8 µA standby current and 65 mW tracking power consumption