

SLNo	Part No	Part Name	Description	Qty	Cost	
1	TB6612FNG	Motor Driver	dual motor driver IC on Breakout board	1	₹199.00	₹199.00
2	514649	Battery Pack	18650 Li-ion 4000mAh 11.1v 3S2P Protected Battery Pack	1	₹1,399.00	₹1,399.00
3	25GA370	Geared DC Motor With Encoder	DC 12V Gear Reduction Encoder Motor with Mounting Bracket and Wheel - 190RPM	2	₹1,731.00	₹3,462.00
	KR08085	Quadrature Hall Effect Sensor Encoder				
5	Wheel & mount			2	₹0.00	0
6	MPU-6050	6DOF IMU	three-axis gyroscope + triaxial accelerometer	1	₹184.00	₹184.00
7	EK-TM4C123GXL	TI Tiva Launchpad Evaluation	TI EK-TM4C123GXL Tiva C Series TM4C123G LaunchPad Evaluation Kit	1	₹1,464.00	₹1,464.00
8	MP1584	Buck Converter	MP1584 DC-DC 3A Adjustable Buck module	1	₹99.00	₹99.00
9	SPST Switch	SPST Toggle Switch		1	₹10.00	₹10.00
10	Acrylic Sheet		3mm thick			₹0.00
11	Standoffs	Male to female Hex Standoff	M3x40mm Brass	12	₹169.00	₹169.00
12	LEDs	Indicator LEDS + resistors		2	₹5.00	₹10.00
13	Male T-conn.	Nylon Male T-connector		1	₹26.33	₹26.33
13	Perf board	7.5x5cm perfboard		1	₹50.00	₹50.00
				Total		₹7,022.33