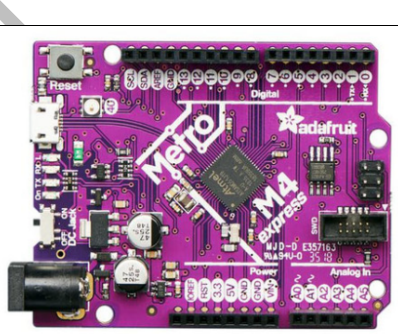
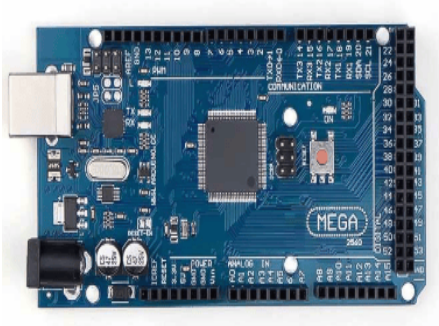
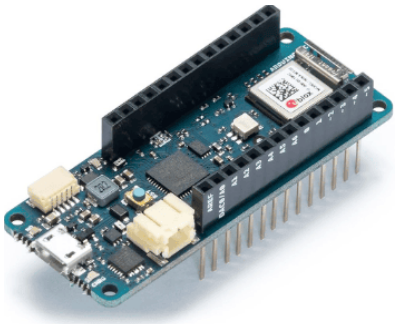
Description

This document provides a list of optional hardware components that can be used with the ROTRIX product. While the core functionality of ROTRIX is achieved using a predefined set of essential components, the listed items offer additional flexibility and customization options to meet specific application needs. These optional components can enhance performance, provide extended features, and support a wider range of operational requirements based on user preferences and project specifications.

S.No	Product Name	Image
Micro-controller		
1	Adafruit Metro M4 Express featuring ATSAMD51	
2	Mega 2560 ATmega2560-16U2 Board	
3	MKR WiFi 1010	

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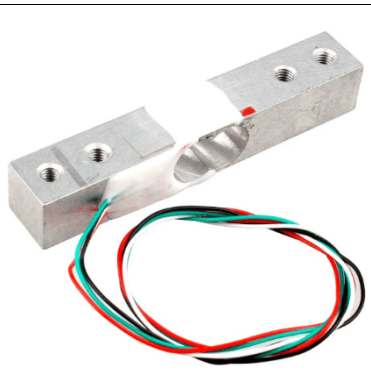
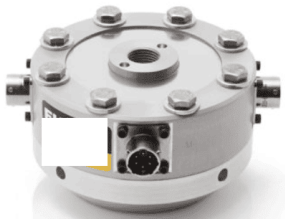
Load Cell		
4	Shear Beam Load Cell	
5	S-BEAM Load cell	
6	Tri-axial Load cell	
7	3-axis Load Cell (Model : FNZ)	

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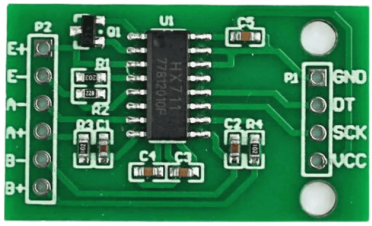
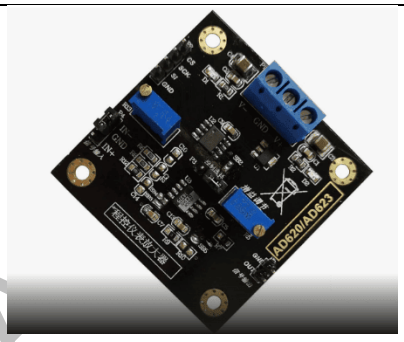
8	HX711 Amplifier	
9	AD620 Instrumentation Amplifier	
RPM Sensor		
10	SBS-01RO Optical RPM Sensor	
11	IR OBSTACLE SENSOR MODULE	

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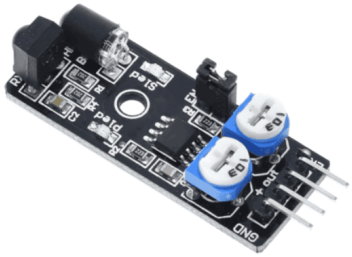
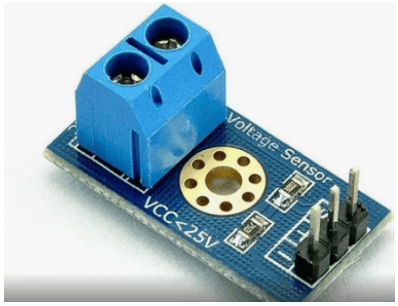
12	Optical RPM Sensor	
13	Infrared Sensor 38KHz	
Current and Voltage Sensor		
14	Tarot Voltmeter	
15	B25 Voltage Sensor module	

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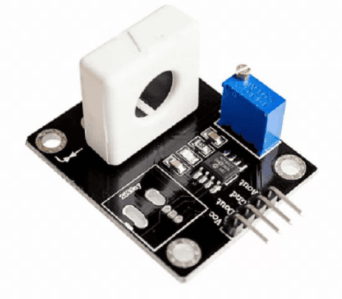
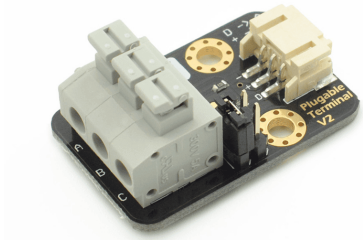
16	WCS1700 Hall Current Sensor	
17	Gravity Current Sensor Module	
Temperature Sensor		
18	Gravity: Waterproof DS18B20 Temperature Sensor Kit	
19	FirstRate FST600-400A Non-Contact Infrared Temperature Sensor	

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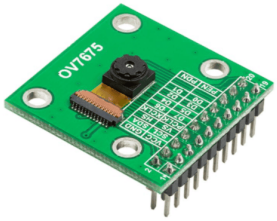
20	Adafruit MLX90640 thermal camera	
21	Panasonic AMG8833 (Grid-EYE)	
22	MLX90641 Infrared Thermal Cam	
Image Sensor		
23	Arducam 0.3MP OV7675 Camera Module	

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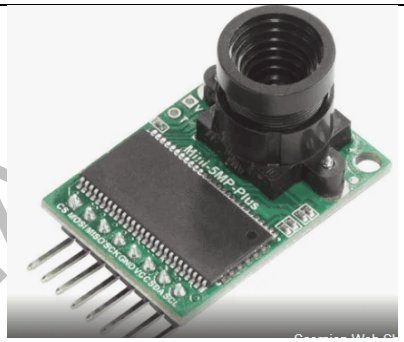
24	Mini 0.3MP MIPI Camera Module GC0308 Sensor (Shenzhen Huiber Vision Technology Co., Ltd)	
26	ArduCAM Mini 5MP Plus	

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