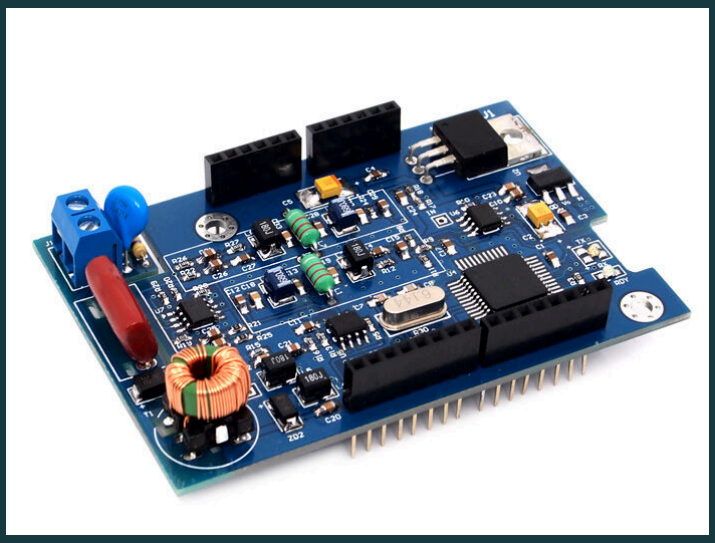
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INDUSTRIAL PRODUCT DATASHEET

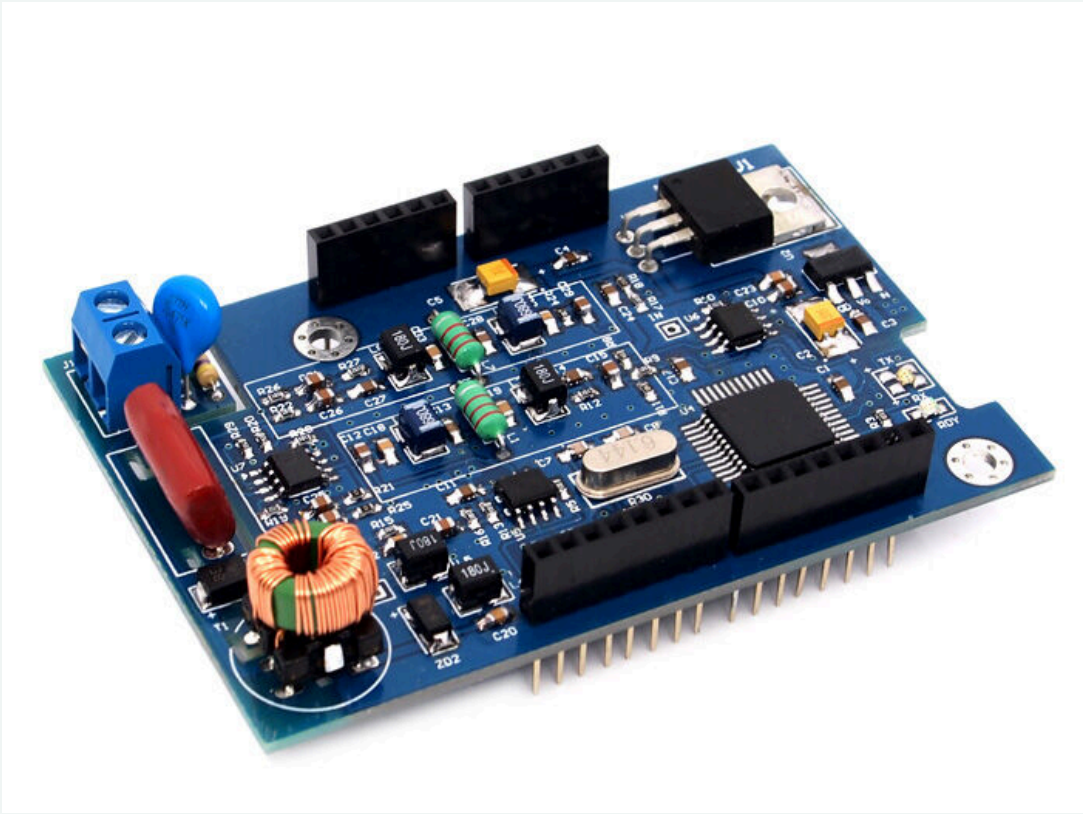
Mamba - Narrow Band Power Line Communication Shield

Mamba is a shield that brings Power Line Communication to Arduino, enabling data transfer through AC power lines.

SKU	UPDATED	PRICE
PLC11131B	2024-08-09 02:11:40	$48.00(Excl. VAT)



Overview



Mamba is a Power Line Communication shield for Arduino DUO and UNO that enables data exchange over existing AC power lines. It operates on 110/240V, 50/60Hz networks and communicates with Arduino via SPI, with sample code provided for quick node bridging.

Key Features

Power Line Communication (PLC) is a technology that exchanges data via the AC electric power line. Mamba is a shield that lets your Arduino get access to this convenient home automation network. It's compatible with Arduino DUO and UNO and can work under 110/240V, 50/60Hz.

Mamba communicates with Arduino via SPI interface. We included a sample code here to show you how to implement the bridge between two nodes as a quick start.

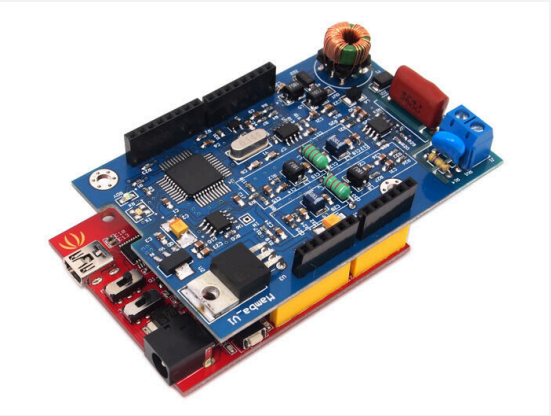
Features

- Shield form factor
- Based on existing power line network

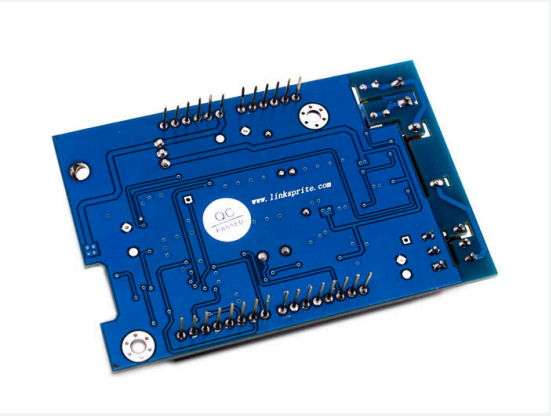
Resources

- Schematic
- Arduino Sample Code

Product Gallery







Resource Links

- https://www.seeedstudio.com/Mamba-Narrow-Band-Power-Line-Communication-Shield-p-1296.html

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