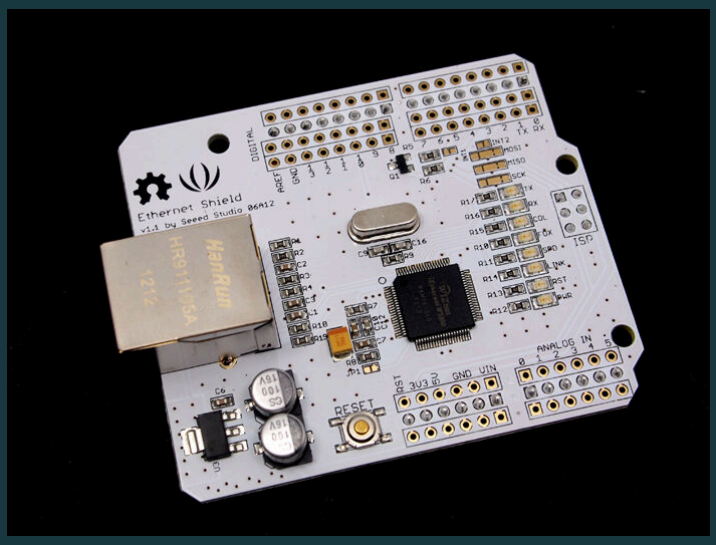
seeed studio

INDUSTRIAL PRODUCT DATASHEET

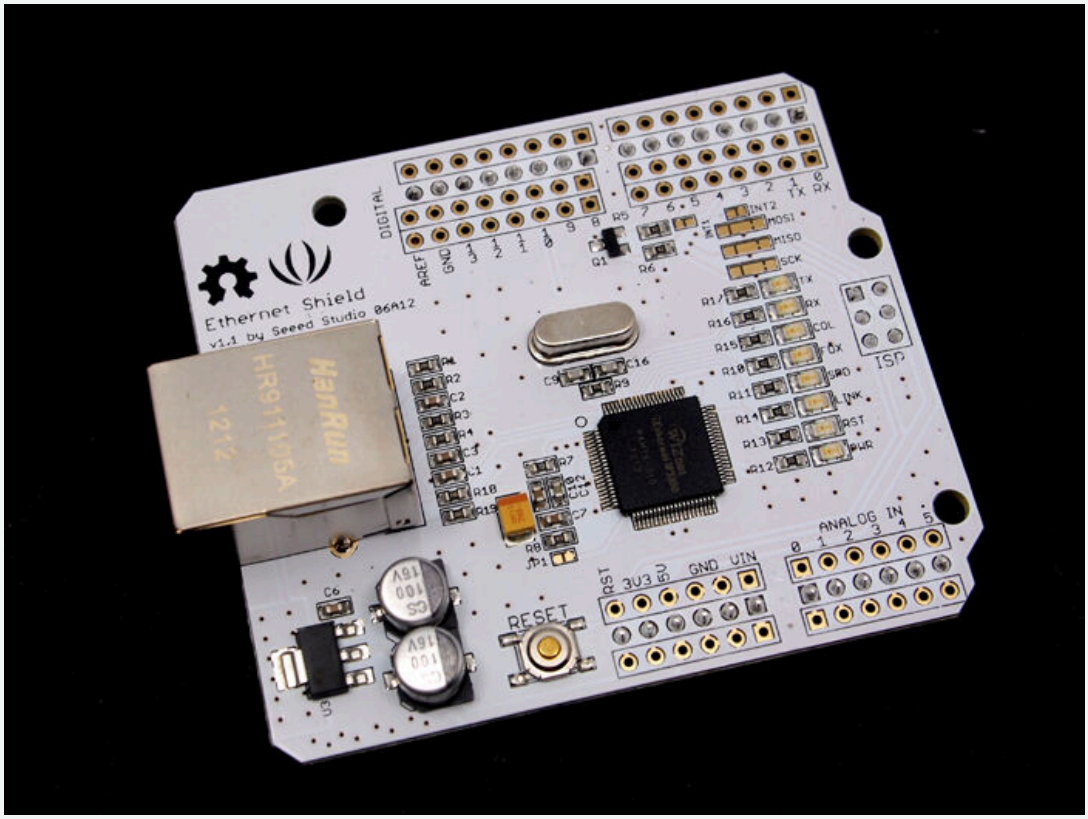
Ethernet Shield

Arduino Ethernet Shield with Wiz5100 controller (replaced by W5200 Ethernet Shield SLD91000P).

SKU	UPDATED	PRICE
113030012	2024-08-09 02:14:06	$19.90(Excl. VAT)



Overview



This product has been replaced by the updated W5200 Ethernet Shield (SLD91000P). The Ethernet Shield enables instant internet connectivity for Arduino projects using an on-board Wiz5100 controller handling up to four TCP/UDP connections.

Key Features

This product was replaced by a updated version W5200 Ethernet Shield (SLD91000P).

W5200 Ethernet Shield

Ethernet Shield instantly enables internet connectivity for Arduino projects. An on-board Wiz5100 ethernet controller handles up to four TCP and UDP connections, just stack it onto an Arduino to create your own networked devices. Easily check connection status with on board indicator lights. Extend your design further with two extra rows of pin header that connect to shields and prototyping boards.

Features

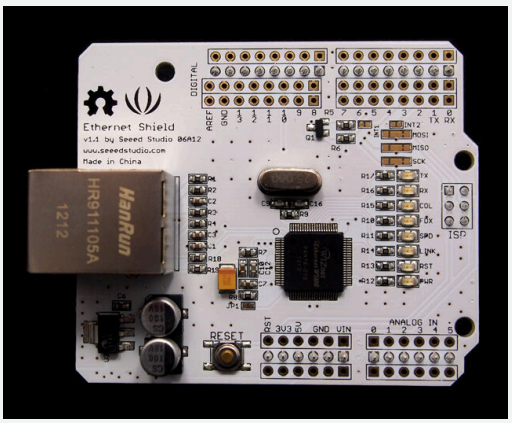
- Standard Arduino and Arduino Mega compatible
- Arduino Ethernet Library compatible
- Standard RJ45 ethernet Jack
- 16K byte internal buffer
- Indicator LEDs for all functions
- Easy to access reset button
- Standard pin headers for 0.1" grid prototyping boards
- Up to 4 TCP/UDP network connections

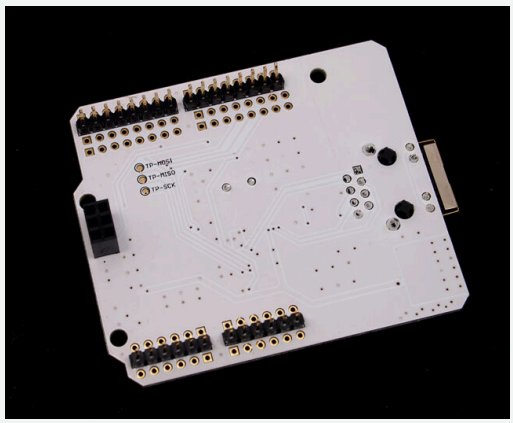
Specifications

Documents

Please visit our **wiki page** for more info about this product. It will be appreciated if you can help us improve the documents, add more demo code or tutorials. For technical support, please post your questions to our **forum**.

Product Gallery





Specification

Item	Min	Typical	Max	Unit
Voltage	3.5	5	5.5	V
Current	120	210	350	mA
Dimension	72.6 x 58.4 x 23.2			mm
Supported Connection	TCP/UDP			/
Net Weight	24.2			g

Compliance & Logistics

HSCODE	
FCC	1

FCC Requirement

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

15.21

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy.

If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Resource Links

- https://www.seeedstudio.com/Ethernet-Shield-p-518.html
- Wiki

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