



PRODUCT NAME : W5200 Ethernet SHIELD FOR Arduino UNO R3 Mega 2560 R3

PRICE : Rs 1,500.00

SKU : RM1287



DESCRIPTION

The W5200 chip is a Hardwired TCP/IP embedded Ethernet controller that enables easier internet connection for embedded systems using SPI (Serial Peripheral Interface). W5200 suits best for users who need Internet connectivity for application that uses a single chip to implement TCP/IP Stack, 10/100 Ethernet MAC and PHY.

Features of W5200 Ethernet SHIELD:

- Support Hardwired TCP/IP Protocols : TCP, UDP, ICMP, IPv4 ARP, IGMP, PPPoE, Ethernet.
- Supports 8 independent sockets simultaneously.
- Very small 48 Pin QFN Package.
- Support Power down mode.
- Support Wake on LAN.
- Support High Speed Serial Peripheral Interface(SPI MODE 0, 3).
- Internal 32Kbytes Memory for Tx/Rx Buffers.
- 10BaseT/100BaseTX Ethernet PHY embedded.
- Support Auto Negotiation (Full and half duplex, 10 and 100-based).
- Support Auto MDI/MDIX.
- Support ADSL connection (with support PPPoE Protocol with PAP/CHAP Authentication mode).
- Not support IP Fragmentation.
- 3.3V operation with 5V I/O signal tolerance.
- Lead-Free Package.
- Multi-function LED outputs (Full/Half duplex, Link, Speed).

Applications of W5200 Ethernet SHIELD:

- Home Network Devices: Set-Top Boxes, PVRs, Digital Media Adapters.
- GPIO-to-Ethernet: Home Network Sensors.
- Security Systems: DVRs, Network Cameras, Kiosks.
- Factory and Building Automations.
- Medical Monitoring Equipments.
- Embedded Servers.

- Arduino Shield.

Note: Images shown is only for representation. The actual product may vary with the picture shown.

Also Searched as : **Ethernet shield, W5200 ethernet module online in india.**