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WIZnet W5200 Ethernet PICtail Board

Part Number: TWIZ5200
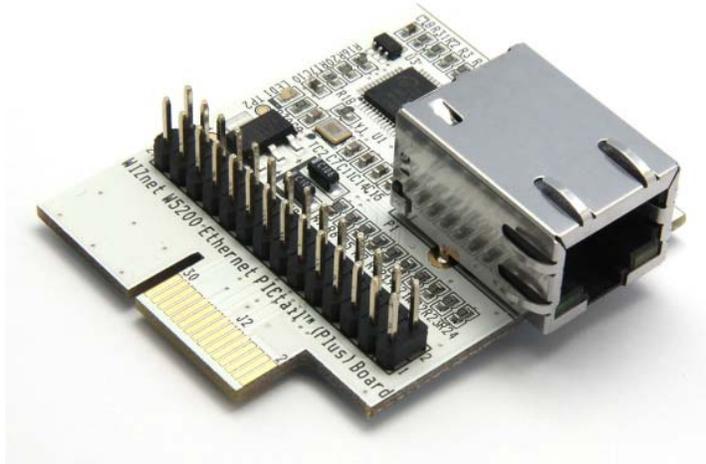
WIZnet's W5200 Ethernet PICtail™ (Plus) board provides 10/100Mbps, half/full duplex Ethernet connectivity by onboard WIZnet W5200 Ethernet controller, which has a hardwired TCP/IP processing engine.

The board has both PICtail™ headers and PICtail™ Plus side-edge connectors designed to be plugged into the Explorer 16 (DM240001), PIC32 I/O Expansion Board (DM320002), PICDEM.net 2 (DM163024), PIC18 Explorer (DM183032), and other supported development boards.

The board has fast SPI interface, 2K EEPROM with EUI-48™ Node Identity (MAC address) and RJ-45 connector. It also provides Auto-negotiation, Auto-MDI/MDIX, Power-Down Mode and Wake-on-LAN functionalities.

WIZnet's W5200 Ethernet PICtail™ (Plus) board supports both Microchip's software TCP/IP Stack and WIZnet's hardwired TCP/IP Stack simultaneously on PIC18, PIC24, dsPIC and PIC32 platforms. The Hardwired TCP/IP Stack especially fits well for Simple Internet connectivity for PICs with small program memory size like PIC16.

- WIZnet W5200 Fast SPI Ethernet controller with Hardwired TCP/IP stack
- Magnetic RJ-45 Connector
- Microchip 2K SPI Bus Serial EEPROM with EUI-48™ Node Identity
- Supports Auto-negotiation, Auto-MDIX, 10Base-T/100Base-TX
- PICtail™ and PICtail™ Plus Daughter Board connection interface
- Compatible with many boards with PICtail™ and PICtail™ Plus interfaces, including Explorer 16 Development Board, various PICDEM™ boards

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