

Product group : Board Level Products

Product sub group : Board Level Products, Other

Embedded Ethernet Server

in miniscule package



Based on a Microchip processor series and associated with a Realtek Ethernet chip, the FiveCo Ethernet Server Card integrates a TCP/IP server that allows manufacturers and system integrators to connect different devices directly to an Ethernet network(10Mbit/s), and remotely monitor & control them with standard Ethernet protocols. Its small size (44 x 56 mm) and its only 8bit processor with integrated RAM and ROM allow its easy and quick integration. As interfaces it offers an 8bit port, an A/D entry, two digital entries, a I2C and an UART port that are directly available on the card. With regard to the firmware, a TCP/IP stack has been developed and integrates the IP and ARP (Address Resolution Protocol) protocols as well as the ICMP and the Multiprot-TCP protocols in order to send the data to the dedicated application layer.

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