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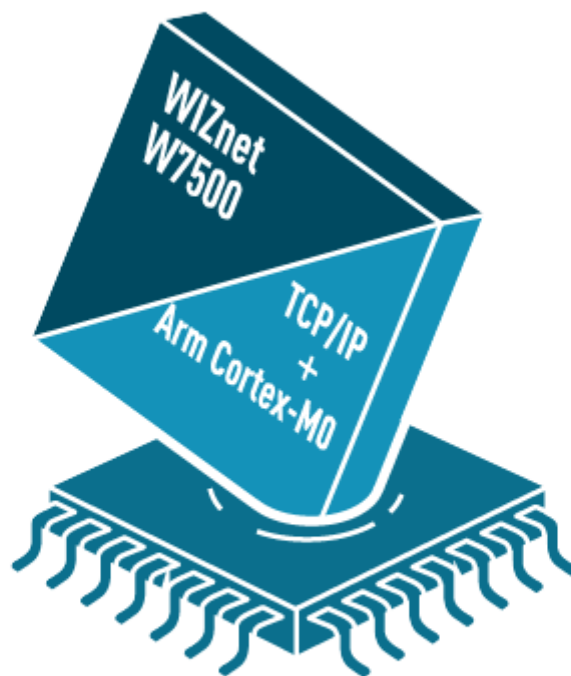
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W7500(P)-S2E

W7500(P) which WIZ750xx S2E firmware is programmed on

Overview

The **W7500(P)-S2E** is a chip product that has the firmware programmed in the WIZnet W7500 / W7500P MCU. This product includes the latest 'WIZ750SR serial to Ethernet module' firmware for widely used in various applications around the world



W7500
W7500P **S2E Ready**

☞ Ready-made program-on-chip for customer's purpose

WIZnet S2E Solution

- WIZnet 'Serial to Ethernet' product is a protocol converter that transmits data sent by serial equipment as TCP/IP data and converts the TCP/IP data received through the network back into serial data to the serial equipment.

- With this product, it is possible to **easily add an Ethernet networking function to a device supporting UART interface**, the devices can be controlled via an Ethernet network - Internet.

We also provide **Customization Services** such as change / add functions by customer request.

W7500 / W7500P MCU

ARM® Cortex™-M0 based microcontroller

- Up to 48MHz / 128KB Flash / 16KB RAM
- 3-UART, 2-SPI, 8-ADC, Timer/PWM, 53-GPIOs, SWD
- 64 TQFP Package (7x7mm)

Hardwired TCP/IP core integrated

- Hardwired TCP/IP stack + IEEE 802.3 Ethernet MAC
- 8-channel hardware sockets with 32KB buffers(SRAM)
- Supports the TCP, UDP, IPv4, ICMP, ARP, IGMP and PPPoE



< W7500 >

MII supported for PHY interface



< W7500P >

10/100 Ethernet PHY integrated

Features

The following key features are included with the W7500(P)-S2E product.

- **The firmware of the WIZ750SR Series, which is a verified serial to Ethernet module in the field**
 - Easy to add Ethernet networking function through UART interface of any device / MCU
 - Support **TTL**, **RS-232C** and **RS-422/485** serial communication
 - Configurable via Ethernet / Serial interface
- Unique **MAC Address** (WIZnet OUI)
- **WIZnet S2E configuration tool**
 - Product search, configuration, and firmware update via Ethernet network
- **WIZVSP program**
 - WIZnet **V**irtual **S**erial **P**ort program for Windows OS

Resources

- The following product resources are from WIZ750SR which provides the same function as W7500(P)-S2E chip firmware.

Documents

[Product Overview](#)

[Getting Started Guide](#)

[User's Manual](#)

[Configuration Tool Manual](#)

[CLI Config Tool Tutorial](#)

[Device Command Manual](#)

[Troubleshooting Guide](#)

[Update History](#)

Datasheet

[Datasheet](#)

Developer's Guide

[Building a Development Environment](#)

[Device Recovery Guide](#)

Download

[Software Download](#)

[Technical References](#)

Customization Services

Grow with WIZnet, Attract New Clients

WIZnet은 고객 목적에 맞춘 **Custom services**를 제공합니다.

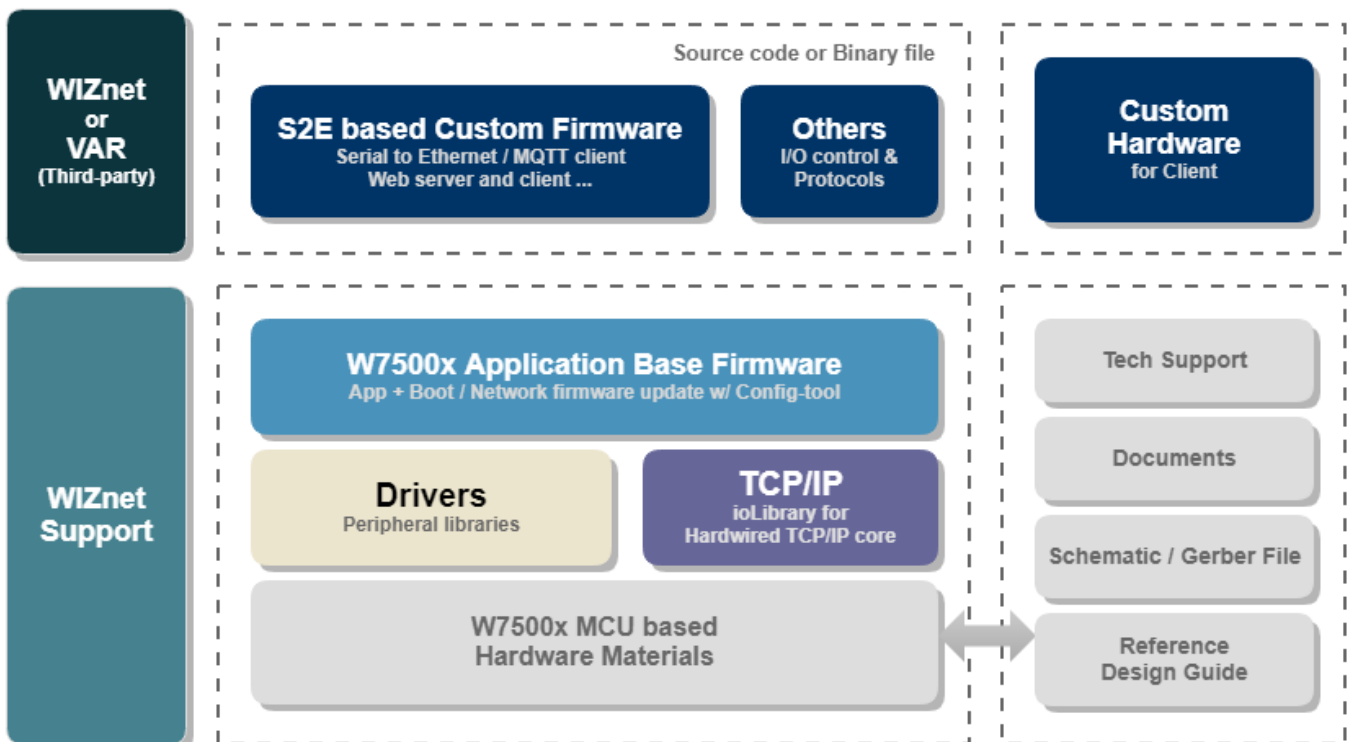


W7500(P)-S2E 제품을 기반으로 제품 초기 설정 및 MAC 주소 변경, 다양한 프로토콜 추가 탑재 및 기능 확장에 대한 서비스를 제공하며, 완성된 펌웨어는 W7500 / W7500P MCU에 프로그램되어 요청 고객에게 제공됩니다.

또한 고객의 빠른 제품 Design-Win을 위해, 다양한 Hardware references를 포함한 Technical support를 제공합니다.

What We Offer

Custom Service for Client's Products



Network Protocols

- HTTP Server / Client
- MQTT Client
- SNMPv1
- NTP
- FTP Server / Client
- TFTP

- 공장 초기값 변경
- MAC 주소 변경

Custom Functions

- Protocol Converter
- Ethernet I/O
 - I/O Control
 - I/O Monitoring
 - Event trigger

* Custom services에서 제공 가능한 응용 프로토콜 및 확장 기능은 지속적으로 업데이트 됩니다.

Contact Us

We offer a wide range of customizable products and technical support

sales@wiznet.io

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