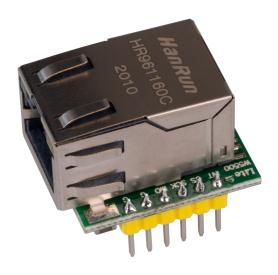# JOY-IT

SPI TO ETHERNET INTERFACE CONVERTER

Ethernet module

With this SPI-Ethernet interface converter, you can expand your Arduino or your Raspberry Pi Pico with an Ethernet interface. The module is also highly integrable due to its design and small size.

MAIN FEATURES

Model	RJ45 Connector module with W5500 chip with status LED
Special feature	integrates full TCP/IP protocol, wake up after power failure
Flash storage	32KB TX RX cache buffer
Supply voltage	3,3 V
Working current	Min. 200 mA
Logic level	3,3 V; 5 V tolerant
SPI clock frequency	Up to 80 MHz
Transmission rate	10/100 MBps

FURTHER SPECIFICATIONS

Ethernet standard	10BaseT / 100BaseTX
Supported TCP/IP Protocols	TCP, UDP, ICMP, IPv4, ARP, IGMP, PPPoE
Operating temperature	-25°C to 70°C
Compatible with	Arduino, Raspberry Pi etc.
Dimensions	23 x 29 x 24 mm
Items delivered	SPI to Ethernet converter

FURTHER DETAILS

Article No.	SBC-USR-ES1
EAN:	42502368220
Customs Tariff No.	8473302000