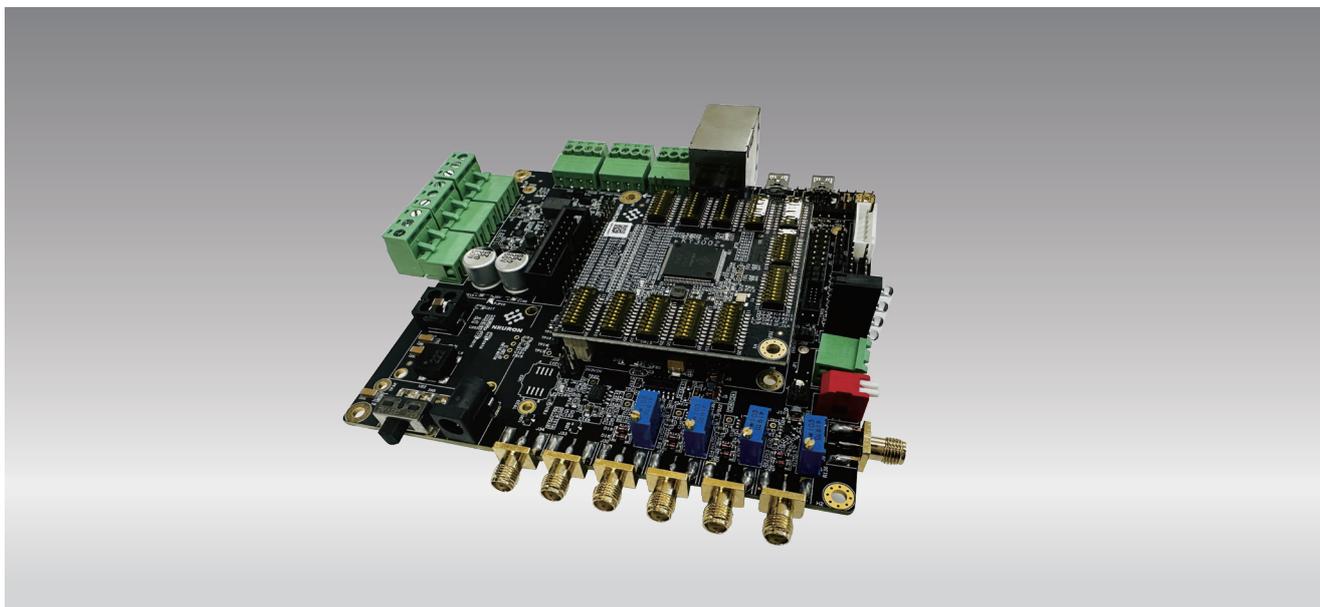


ANY32F7N1 AUTBUS full-function evaluation board



Product Overview

ANY32F7N1 is a full-featured board designed and developed based on the high-performance AUTBUS SoC chip KY3002F. It is an ideal tool for learning and evaluating AUTBUS networks, prototype products, and application code development and debugging.

ANY32F7N1 provides multiple application interfaces and rich functions, including: 1-channel AUTBUS, 3-channel RS485, 2-channel Ethernet, 2-channel mini-USB, 2-channel CAN, 3-channel SPI, 2-channel I2C, 2-channel PWM, 4-channel ADC, 2-channel DAC and 1-channel HART, etc. It is recommended to be used in conjunction with the SDK development environment.

Features

AUTBUS

- Transformer Isolation
- 100Mbps@1000m

Ethernet

- Transformer Isolation
- 2-way 10/100Base-T

CAN

- 2-way
- CAN 2.0 compatible
- Rate: 250k, 500k, 1Mbps

RS485

- 3-Way
- Speed: 1200bps – 12Mbps

USB

- 2-way mini-USB

power supply

- Voltage range: DC7V – DC35V
- Power: < 2 Watt
- Protection: overvoltage, overcurrent, reverse connection

Indicator Lights

- Power LED
- Working status LED

Environmental conditions

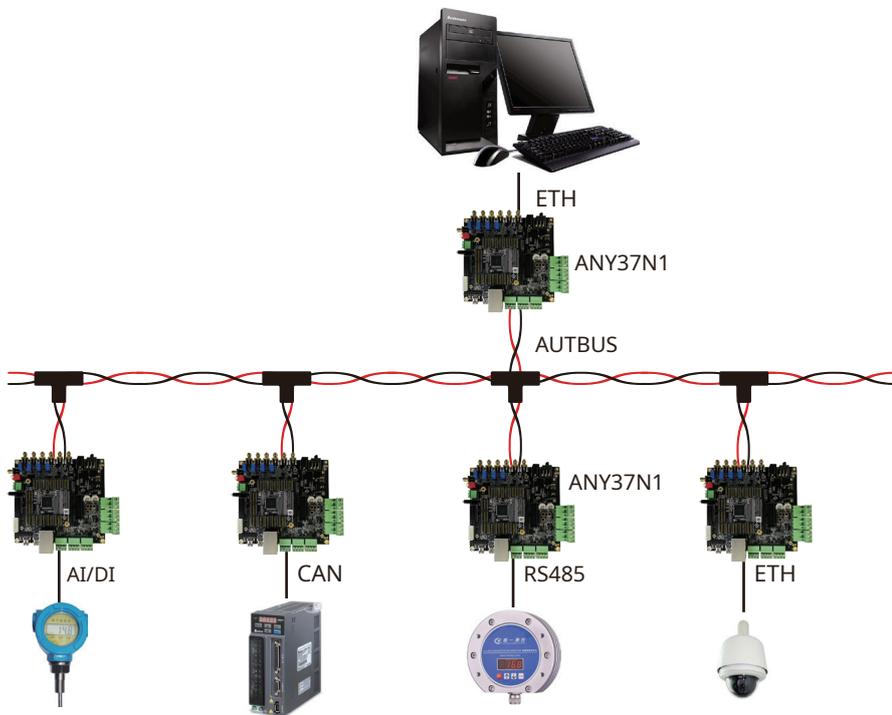
- Working temperature: -40°C -85°C
- Storage temperature: -40°C -85°C
- Transport temperature: -40°C -85°C

other

- Size: 120mm*130mm*35mm
- Weight: <100 g
- Natural cooling

Application Reference

ANY32F7N1 products have power supply interface, AUTBUS and other interfaces. For details of the terminal pins, see the figure below.



Ordering Information

Material Model	illustrate
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