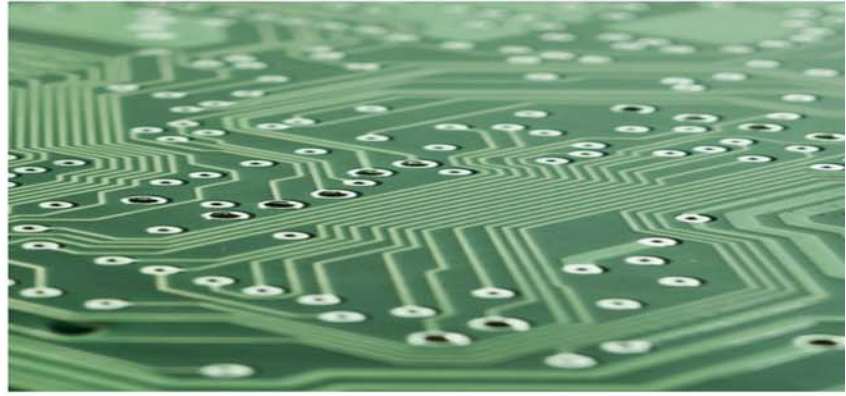




Introduction :

This development board works with the WCH-LINK-E programmer/debugger (sold separately) and the MounRiver Studio software, which can be downloaded free of charge from the internet. The board driver is installed automatically when the software is installed. MounRiver Studio is an integrated development environment that allows you to develop your code in C, compile it and transfer the generated HEX file to the evaluation board via the HE10 connector (1-wire SWDIO).

Power supply : 5 Vdc through HE10 connector or USB-C connector.
Microcontroller : CH32V003F4P6 (TSSOP20 package, 32-bit RISC-V 48 MHz core).
Memory : 16 KB Flash / 2 KB SRAM / 1920 B Bootloader / 64 B system configuration / 64 B Chip-ID.
Ports : 18 GPIO ports (configurable I/O, Timer, watchdog, clock, 10-bit ADC, SPI, I2C, USART).
Programming : 1-wire (SWDIO / GND / VCC) through 3 pins HE10 connector.
Operating temperature : -40°C to +85°C (Industrial grade).
Board dimensions : 31,00 x 17,50 mm.

Development Board CH32V003F4P6.
Available for download online:
- MounRiver Studio software.
(This board requires the WCH-LINK-E programmer, sold separately).

