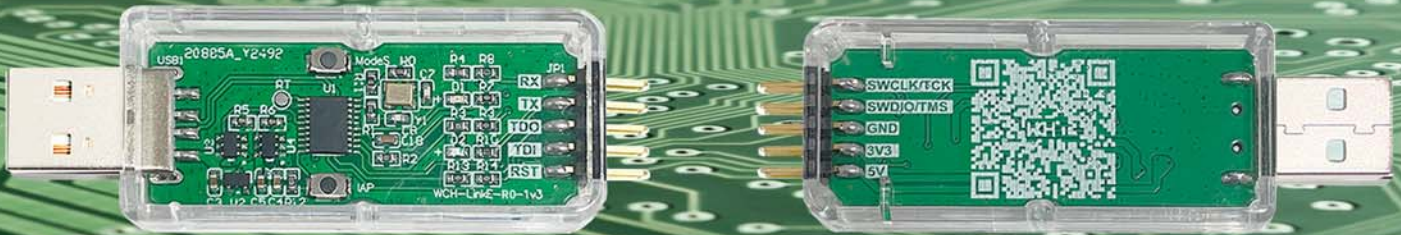


PROGRAMMER AND DEBUGGER FOR WCH CH32V003xxxx MICROCONTROLLERS RISC-V ARCHITECTURE



WCH-LINK-E

Introduction :

The WCH-LINK-E programmer/debugger, which comes in the form of a USB flash drive, is the tool recommended by WCH for programming its RISC-V architecture microcontrollers from the CH32V003xxxx family. This programmer/debugger works with the MounRiver Studio software, which can be downloaded for free from the Internet. The board driver is installed automatically during software installation. MounRiver Studio is an integrated development environment that allows you to develop code in C, compile it, and transfer the generated HEX file to the microcontroller via the HE10 connector (1-wire SWIO). This version of the board also supports SWD/JTAG mode for programming ARM-based microcontrollers in a Keil uVision 5 environment.

Technical specifications :

Interface PC : USB-A 2.0

Interface HE10 : TX / RX / TDO / TDI / RST / SWCLK/TCK / SWDIO/TMS / GND / 3V3 / 5V

Devices list :

CH564 / CH569 / CH570 / CH571 / CH572 / CH573 / CH579 / CH581 / CH583 / CH584 / CH585 / CH595 / CH596 /
CH641 / CH643 / CH645
CH32V003
CH32V002 / CH32V004 / CH32V005 / CH32V006 / CH32V007
CH32V10x / CH32V20x / CH32V30x / CH32F10x / CH32F20x / CH32L103 / CH32V317 / CH32V205 / CH32V203 /
CH32V407 / CH32V467
CH32X033 / CH32X035 / CH32X305 / CH32X315
CH32M007 / CH32M030
CH32H415 / CH32H416 / CH32H417

Items included :

Programmer/debugger board.

Available for download online:

- MounRiver Studio software.
- User manual in English.

