

USB TO RS232 (UART) CONVERTER 2 Mbps SOP8 OR SOP16 PACKAGE, INTERNAL OR EXTERNAL CLOCK



CH340N-X5

CH340C-X5

CH340G-X5

Introduction :

The CH340 from manufacturer WCH is a widely used USB-to-serial converter on development boards equipped with a microcontroller. It converts signals from a microcontroller's UART, RS232 or RS485 communication ports to a computer's USB port.

It is a cost-effective component for full-speed data transfers, compatible with USB 2.0, supporting communication speeds ranging from 50 bps to 2 Mbps. It operates equally well at 3.3V or 5V. The CH340N in an SOP8 package operates with an internal clock and provides only the RX, TX and RTS signals.

The CH340C in an SOP16 package operates with an internal clock and provides all the signals of an RS232 port.

The CH340G in an SOP16 package operates with an ext. 12MHz crystal and provides all the signals of an RS232 port.

Technical specifications :

Power supply : 3,3Vdc or 5 Vdc.

Packages : SOP8 or SOP16, 300 mil.

Standard : Full-Speed USB 2.0

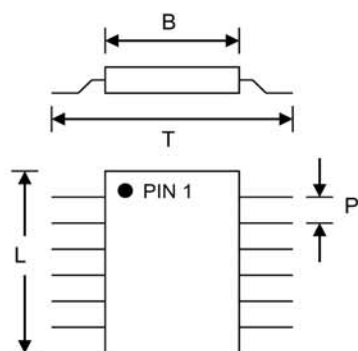
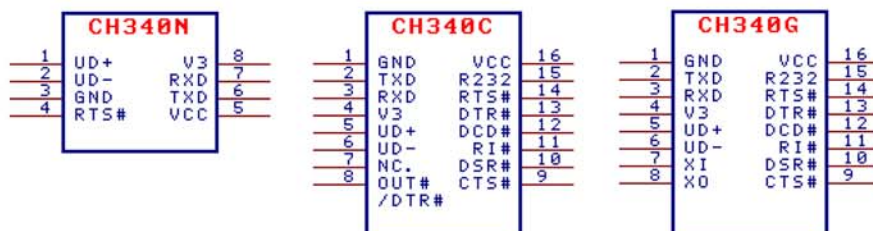
Transfer rate : 50 bps to 2 Mbps.

Drivers : Windows compatible for CH341.

Compatible signals : RX, TX, RTS, DTR, DCD, RI, DSR, CTS.

Items included :

Set of 5 components.



Body	3.9mm typ (150mil)
Tip	6.0mm
Length	n/a
Pitch	1.27mm (50mil)