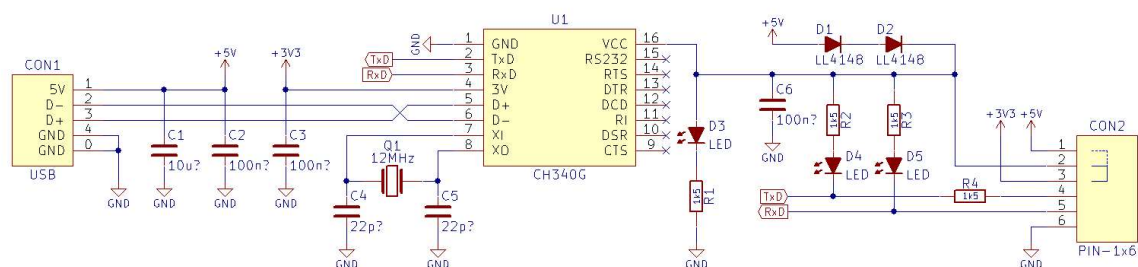


# CH340G USB to RS232 TTL module schematic (D-SUN-V3.0)

16 NOVEMBER 2015 • 1 MIN READ

Cheap (\$1) chinese USB to RS232 TTL modules from eBay. Works fine and is cheap enough to be thrown anywhere. Windows drivers download: <http://www.arduined.eu/ch340g-converter-windows-7-driver-download/> CH340G datasheet (third-party translation): <http://cdn2.boxtec.ch/pub/diverse/ch340g-datasheet.pdf>

Schematic (reverse engineered):

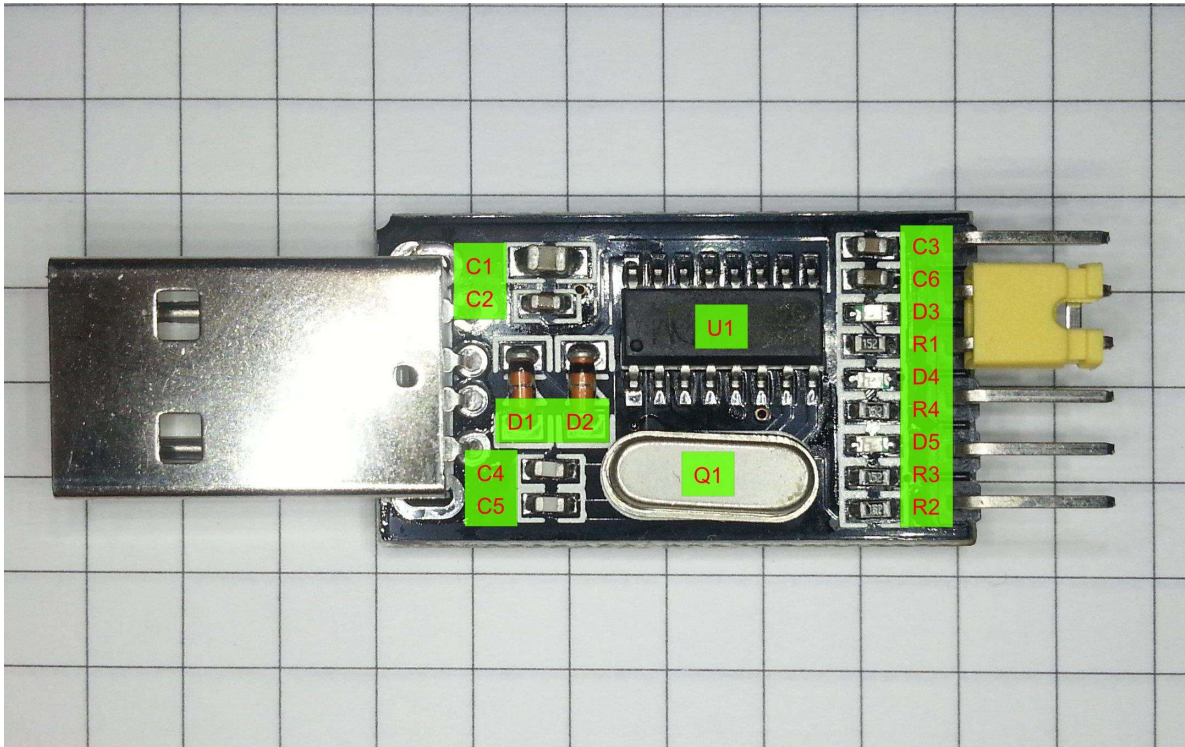


Source version (KiCad):

[https://github.com/NiceCircuits/modules\\_from\\_china/tree/master/CH3](https://github.com/NiceCircuits/modules_from_china/tree/master/CH3)

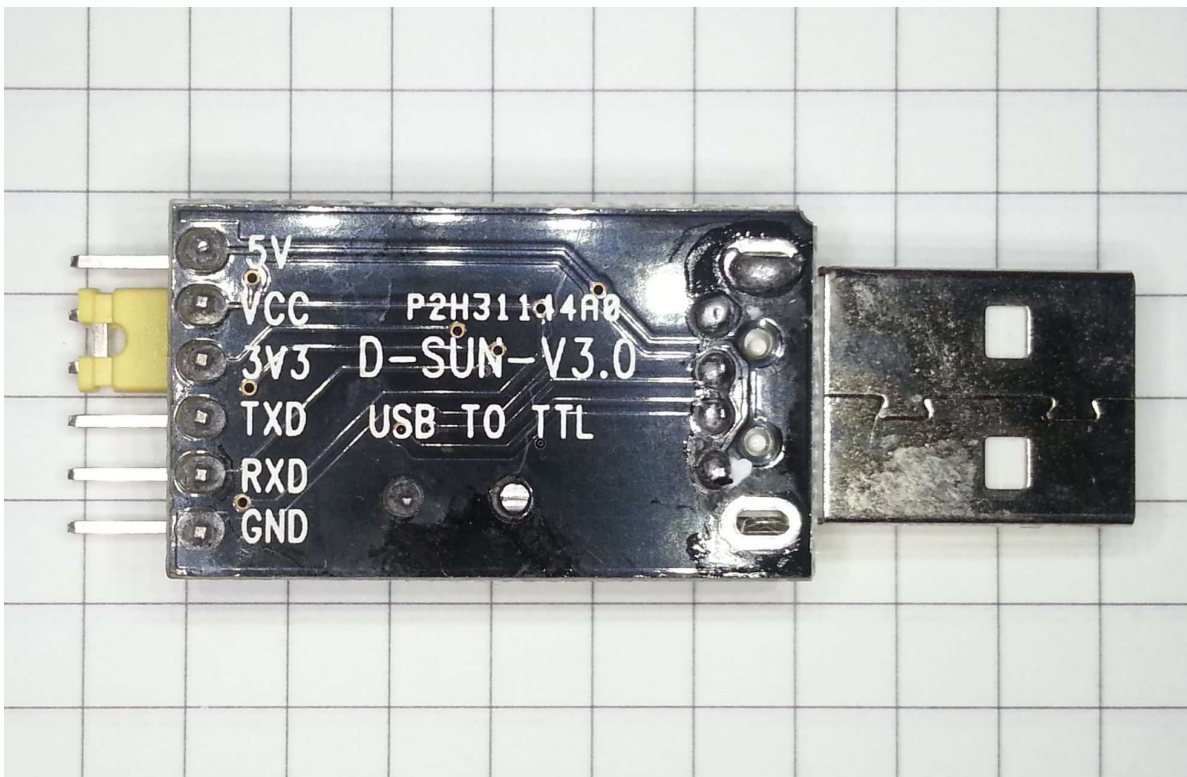
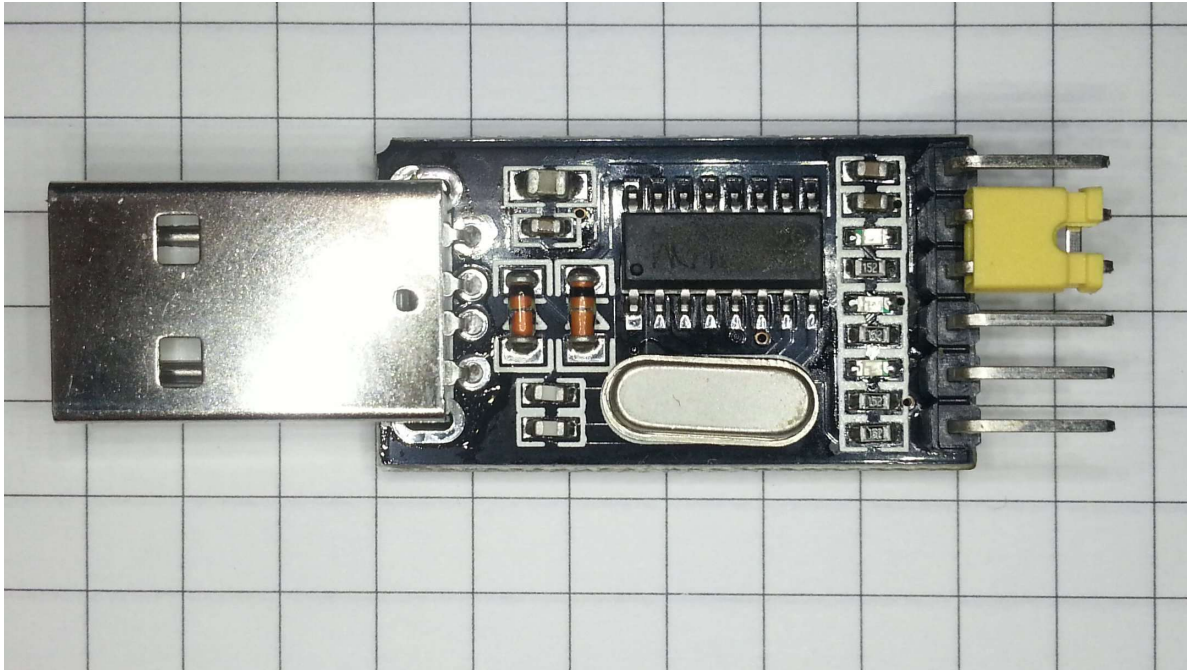
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PCB with marked components:



Other photos:

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## Dual Port Serial Terminal

I'd like to share a little tool that I made while debugging communication between Arduino and ESP8266. It's a serial terminal, but not the classic one - it connects to two serial ports at the same time. The task is simple. I want to spy serial communication at both lines at the same time. The hardware is simple too - I connected both serial lines to Rx pins of two serial-USB converters.



5 MAY 2015 • 2 MIN READ

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