

BananaPi R2 - Debug-UART

- USB2Serial-Adapter (e.g. CP2102 or FTDI, known problems with Proflic- and ch340g-Chipsets)
- using Uart-Pins (not 40-pin-connector)
- each TX \Rightarrow RX (r2 tx to rx of usb2serial, tx of usb2serial to r2 rx)
- application for PC:
 - Linux: minicom
 - Windows: putty
- settings: 115200 8N1 FlowControl: off



micro-usb-cp2102-adapter:

<https://www.ebay.de/itm/CP2102-MICRO-USB-to-UART-TTL-Module-6-Pin-Serial-Converter-STC-Replace-FT232/401269171476>

configuring Putty

Windows-driver for CP2102:

<https://www.silabs.com/products/development-tools/software/usb-to-uart-bridge-vcp-drivers>


```
+-----+
| A -   Serial Device       : /dev/ttyUSB0   |
| B - Lockfile Location    : /var/lock      |
| C -   Callin Program      :                |
| D -   Callout Program     :                |
| E -   Bps/Par/Bits        : 115200 8N1     |
| F - Hardware Flow Control : No            |
| G - Software Flow Control : No            |
|                                     |
|   Change which setting?              |
+-----+
```

- „save as .dfl“
- „Exit from Minicom“

now start minicom as user (without sudo)

exit with Ctrl+a,q or Ctrl+a,x

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