

## BananaPro/Pi:CAN Bus

From BananaPro/Pi

### CAN Bus

In order to port can4linux (<https://web.archive.org/web/20200129141042/http://sourceforge.net/projects/can4linux/>) to the BananaPi, the CAN module description is needed from the A20 hardware manual. can4linux is a character-driver-based Linux driver used already on desktop PCs and embedded platforms like Freescale FlexCAN (the i.MX series of micro controllers) or Xilinx Zynq.

There is a more detailed document about CAN on the A20 at [1] (<https://web.archive.org/web/20200129141042/https://dl.linux-sunxi.org/A20/CAN%20Bus1.pdf>)

can4linux was sucessful ported to the BananaPi. To use it, an external transceiver is required. Take care of the 3.3 V IO pins. Best to use a 3.3 V Transceiver like the TI SN65HVD230. The driver could also work on the Banana Pro.

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