Pine64 "Woodpecker" USB UART adapter
Product change note #1, December 2022

When the voltage mode selection jumper on the "Woodpecker" is placed in the 3.3 V position, the "Woodpecker" sometimes doesn't work as expected and isn't recognized at all by the host computer that it's plugged into. The 5 V mode isn't affected by this issue.

The root cause is a manufacturing defect that causes one of the pins of the 3.3 V LDO voltage regulator found on the "Woodpecker" not to be properly grounded. Consequently, the 3.3 V mode sometimes works, and sometimes it doesn't. To fix this issue, the pin #1 (GND) of the 3.3 V voltage regulator needs to be connected to the nearest available ground, as illustrated in the picture below. Note that coil wire with special coating is used in the picture, but it is not mandatory; it's only important not to short some other components on the PCB.