

[application note](#)

Application note

Hardware Side

- [Build a NTP server with GPS/PPS](#)
- [How to Control Blue Status LED](#)
- [ODROID-C4 with mini DC UPS](#)
- [ODROID-C4 Alternative power input](#)
- [ODROID-C4 with mini DC UPS](#)
- [S/PDIF](#)
- [DIY WiFi Shield](#)

Adding External Connector

Alternative heartbeat LED

If you want to remap the blue heartbeat LED to other GPIO, refer this great instruction.

[Alternative Heartbeat LED](#)

Using Internal Peripherals

GPIO

- [Dallas 1-Wire Support](#)
- [Enhancement of 40pin GPIO](#)
- [GPIO Status Check Program](#)
- [ODROID-C4 I2C Controller\(Device Node\) Information](#)
- [Hardware GPIO-IRQ](#)
- [Memory Mapped GPIO](#)
- [Hardware PWM](#)
- [SPI](#)
- [WiringPi and Python Wrapper](#)
- [Power Off and Wake Up using GPIO Key Button](#)
- [Android application launching with a GPIO trigger](#)
- [CAN BUS](#)
- [Android Things with I2C 20x4 LCD](#)
- [Android Things with LED](#)
- [Android Things with PWM](#)
- [Android Things with weather2-board](#)
- [UART](#)

- [ADC](#)
- [IR](#)
- [How to Enable SPI/I2C/UART Using DTBO](#)

Software Side

- [How to set cpu frequency and cores](#)
- [TFTP Netbooting](#)
- [How to set display resolution and modes](#)
- [Get weather information with Weather-Board2](#)
- [Support Custom Remote Controller with LIRC \(IR RX\)](#)
- [Support GPIO based IR Blaster \(IR TX\)](#)
- [Wake-On-Lan](#)
- [Wake Up using IR Remote Controller](#)
- [Tips for Custom Boot Logo](#)
- [Linux kernel support DRM and Wayland \(WIP\)](#)
- [How to turn off your monitor](#)
- [How to add more SPI slave devices with SS and IRQ](#)
- [Watchdog on Linux/Ubuntu](#)
- [Device Tree Overlay](#)
- [How to change Video capture codec for camera on the Android?](#)

Misc

- [How to check board identity](#)
- [How to activate dmesg on display](#)

From:
<http://wiki.odroid.com/> - **ODROID Wiki**

Permanent link:
http://wiki.odroid.com/odroid-c4/application_note/application_note

Last update: **2021/02/19 08:36**

