# GPIO

## Query GPIO ports

```
cat /sys/kernel/debug/gpio
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gpiochip0: GPIOs 512-565, parent: platform/3f200000.gpio, pinctrl-bcm2835:
 gpio-512 (ID_SDA               )
 gpio-513 (ID_SCL               )
 gpio-514 (GPIO2                )
 gpio-515 (GPIO3                )
 gpio-516 (GPIO4                )
 gpio-517 (GPIO5                |sysfs                ) in  hi
 gpio-518 (GPIO6                )
 gpio-519 (GPIO7                )
 gpio-520 (GPIO8                )
 gpio-521 (GPIO9                )
 gpio-522 (GPIO10               )
 gpio-523 (GPIO11               )
 gpio-524 (GPIO12               )
 gpio-525 (GPIO13               )
 gpio-526 (GPIO14               )
 gpio-527 (GPIO15               )
 gpio-528 (GPIO16               )
 gpio-529 (GPIO17               )
 gpio-530 (GPIO18               )
 gpio-531 (GPIO19               )
 gpio-532 (GPIO20               )
 gpio-533 (GPIO21               )
 gpio-534 (GPIO22               )
 gpio-535 (GPIO23               )
 gpio-536 (GPIO24               )
 gpio-537 (GPIO25               )
 gpio-538 (GPIO26               )
 gpio-539 (GPIO27               )
 gpio-540 (SDA0                 )
 gpio-541 (SCL0                 )
 gpio-542 (NC                   )
 gpio-543 (LAN_RUN              )
 gpio-544 (CAM_GPIO1            )
 gpio-545 (NC                   )
 gpio-546 (NC                   )
 gpio-547 (PWR_LOW_N            |PWR                  ) in  lo
 gpio-548 (NC                   )
 gpio-549 (NC                   )
 gpio-550 (USB_LIMIT            )
 gpio-551 (NC                   )
 gpio-552 (PWM0_OUT             )
```

```
gpio-553 (CAM_GPIO0              |cam1_regulator        ) out lo
gpio-554 (SMPS_SCL               )
gpio-555 (SMPS_SDA               )
gpio-556 (ETH_CLK                )
gpio-557 (PWM1_OUT               )
gpio-558 (HDMI_HPD_N             |hpd                   ) in  hi ACTIVE LOW
gpio-559 (STATUS_LED             |ACT                   ) out lo
gpio-560 (SD_CLK_R               )
gpio-561 (SD_CMD_R               )
gpio-562 (SD_DATA0_R             )
gpio-563 (SD_DATA1_R             )
gpio-564 (SD_DATA2_R             )
gpio-565 (SD_DATA3_R             )

gpiochip1: GPIOs 566-569, parent: usb/1-1.4:1.0, ftdi-cbus, can sleep:
```

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