

CSB502SSD GPIO Assignment

	RPI 40pin Connector Pin	RPI2 GPIO#	WiringPI IO#	Mode
i2c-sda	3	2	8	Alt0
i2c-scl	5	3	9	Alt0
*Status-LED-Amber	11	17	0	Out
*Status-LED-Green	13	27	2	Out
1-wire interface	16	23	4	Out
Wifi Enable	22	25	6	Out
*Wifi WPS	36	16	27	Out

*= active low

Using WiringPi:

The WiringPi package is an easy way to access gpios from the terminal. To install, do:

```
sudo apt-get install WiringPi
```

after installing type:

```
gpio --help
```

for instructions. Useful commands:

```
gpio readall
```

Output the state of all 40 pin connector pins. The `-g` option uses the Broadcom GPIO number. So for a Raspberry Pi 2,

```
gpio -g write 17 0
```

```
gpio -g mode 17 out
```

Is the same as

```
gpio write 0 0
```

```
gpio mode 0 out
```

and will turn on the active low amber status LED.

To disable the wifi module in hardware, use:

```
gpio write 6 0
```

```
gpio mode 0 out
```

