CSB502V2S GPIO Assignment

	RPI 40pin Connector Pin	RPI2 GPIO#	WiringPI IO#	IO mode
i2c-sda	3	2	8	Alt0
i2c-scl	5	3	9	Alt0
*HDMI-Int	15	22	3	In
*HDMI-Reset	26	7	11	Out
1-wire	16	23	4	Out
*IRDA	12	18	1	In
*MUTE	29	5	21	Out
DAC-FLT	31	6	22	Out
DAC-DEMP	33	13	23	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
```

Outputs 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 5 0

gpio -g mode 5 out
```

Is the same as

```
gpio write 21 0

gpio mode 21 out
```

and will mute the DAC audio output.