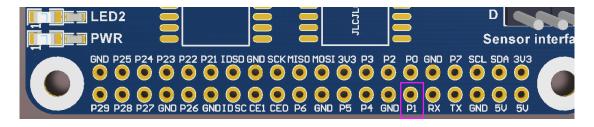
PWM CONTROL BACKLIGHT

--WAVESHARE LCDS

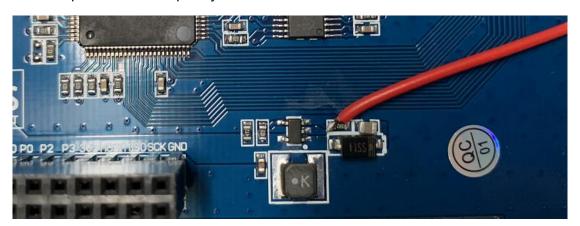
Control Pin

The control pin is P1 of Raspberry Pi.



4inch HDMI LCD

Wire the pad to P1 of Raspberry Pi as below:



Execute commands on Terminal of Raspbian to adjust the backlight

gpio -g pwm 18 1024

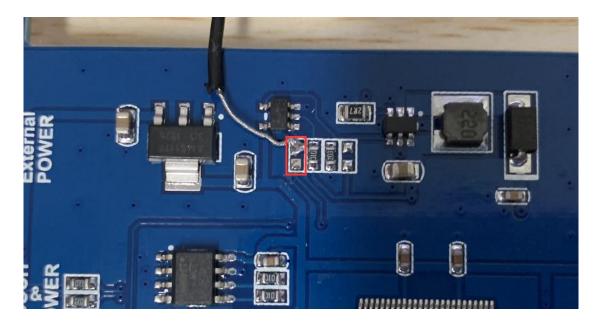
gpio -g mode 18 pwm #set the pin as PWM

gpio pwmc 1000

gpio -g pwm 18 X #change the brightness, X ranges 0~1024

5inch HDMI LCD (B)

Remove the 0Ω resister and wire the pad to P1 of raspberry Pi as below:



Execute commands on Terminal of Raspbian to adjust the backlight

gpio -g pwm 18 1024

gpio -g mode 18 pwm #set the pin as PWM

gpio pwmc 1000

5inch HDMI LCD (G)/5inch HDMI LCD (H)

Remove the 22Ω resister and wire the pad to P1 of raspberry Pi as below



Execute commands on Terminal of Raspbian to adjust the backlight

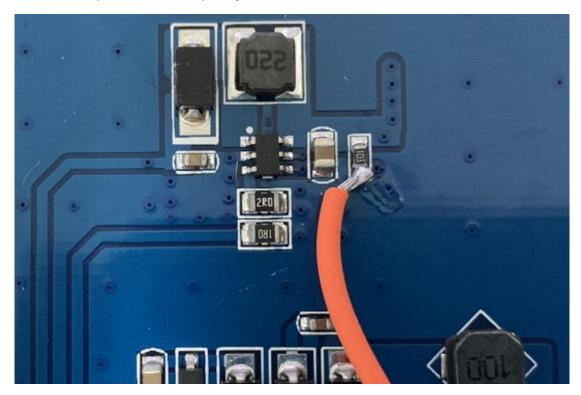
gpio -g pwm 18 1024

gpio -g mode 18 pwm #set the pin as PWM

gpio pwmc 1000

7inch HDMI LCD (B)

Connect the pad to P1 of Raspberry Pi as below:



Execute commands on Terminal of Raspbian to adjust the backlight

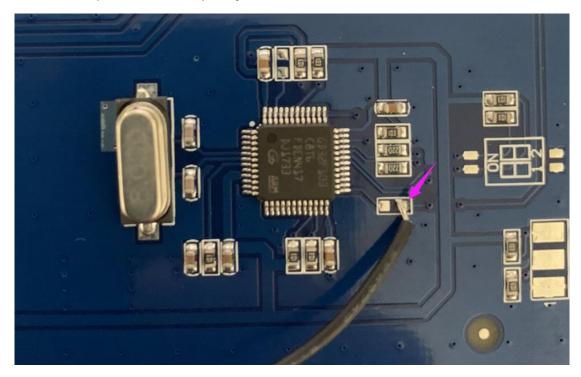
gpio -g pwm 18 1024

gpio -g mode 18 pwm #set the pin as PWM

gpio pwmc 1000

7inch HDMI LCD (C) Rev2.2 version

Connect the pad to P1 of Raspberry Pi as below.



Execute commands on Terminal of Raspbian to adjust the backlight

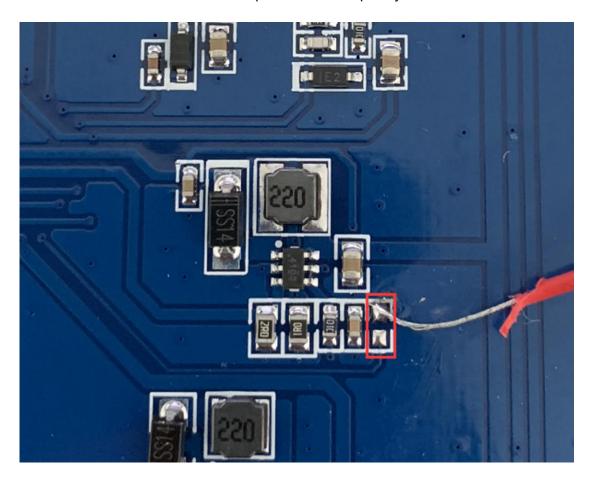
gpio -g pwm 18 1024

gpio -g mode 18 pwm #set the pin as PWM

gpio pwmc 1000

7inch HDMI LCD (H)

Remove the 22Ω resister, wire the pad to P1 of Raspberry Pi as below:



Execute commands on Terminal of Raspbian to adjust the backlight

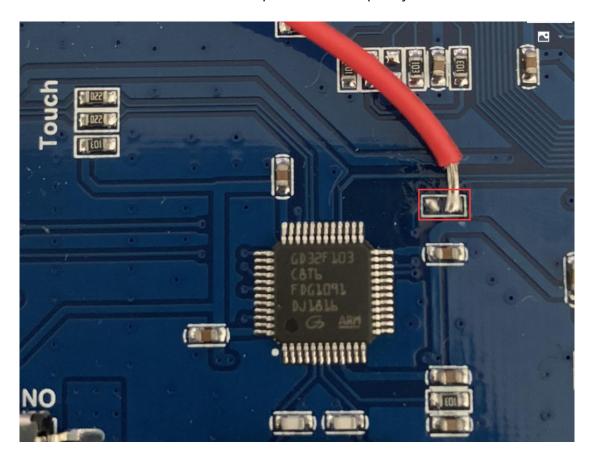
gpio -g pwm 18 1024

gpio -g mode 18 pwm #set the pin as PWM

gpio pwmc 1000

10.1inch HDMI LCD (B)

Remove the 0Ω resister, and wire the pad to P1 of Raspberry Pi



Execute commands on Terminal of Raspbian to adjust the backlight

gpio -g pwm 18 1024

gpio -g mode 18 pwm #set the pin as PWM

gpio pwmc 1000