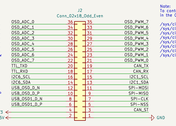
Note:
To read the adc data, use the following files
in the Olve Robotics ELC BT Linux Kernel.

/sys/bus/iio/devices/iio:device0/in_voltage1_raw
/sys/bus/iio/devices/iio:device0/in_voltage2_raw
/sys/bus/iio/devices/iio:device0/in_voltage3_raw
/sys/bus/iio/devices/iio:device0/in_voltage5_raw
/sys/bus/iio/devices/iio:device0/in_voltage6_raw
/sys/bus/iio/devices/iio:device0/in_voltage7_raw
/sys/bus/iio/devices/iio:device0/in_voltage8_raw
/sys/bus/iio/devices/iio:device0/in_voltage9_raw

Note:
I2C Not USE!
USB_OTG_D_N & USB_OTG_D_P

Note:
5V Max 1800mA
+3.3v Max 2000mA



Note:
To control the PWM signals, use the following files
in the Olve Robotics ELC BT Linux Kernel.

/sys/class/pwm/pwmchip4/pwm3/duty_cycle
/sys/class/pwm/pwmchip4/pwm4/duty_cycle
/sys/class/pwm/pwmchip4/pwm5/duty_cycle
/sys/class/pwm/pwmchip4/pwm6/duty_cycle
/sys/class/pwm/pwmchip4/pwm7/duty_cycle
/sys/class/pwm/pwmchip5/pwm0/duty_cycle
/sys/class/pwm/pwmchip5/pwm1/duty_cycle
/sys/class/pwm/pwmchip5/pwm2/duty_cycle

PWR LEDs

Screw Pads

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Olive Robotics SOM01-i.MX 8M Mini Platform.
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Title: Olive SOM01 USB Breackout

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