

GPIO on Radxa

- [Headers schema](#)
- [Android APP that read GPIO](#)

Power on blue led

```
echo default-on > /sys/class/leds/blue/trigger
```

Power off

```
echo none > /sys/class/leds/blue/trigger
```

Header J8

1	2		
3	4		
5	6		
7 OUT	8		
9 IN	10		
11	12		
name	n	pin	header
0A7 167 7 J8 0B1	169	9	J8
PWM2	285	11	J8

Input on pin 169 (GPIO0_B1) (pin n°9 su J8)

```
# input on pin 9
echo 169 > /sys/class/gpio/export
echo in > /sys/class/gpio/gpio169/direction
echo rising > /sys/class/gpio/gpio169/edge
cat /sys/class/gpio/gpio169/value

# output on pin 7
echo 167 > /sys/class/gpio/export
echo out > /sys/class/gpio/gpio167/direction

# on
echo 1 > /sys/class/gpio/gpio167/value

# off
echo 0 > /sys/class/gpio/gpio167/value
```

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