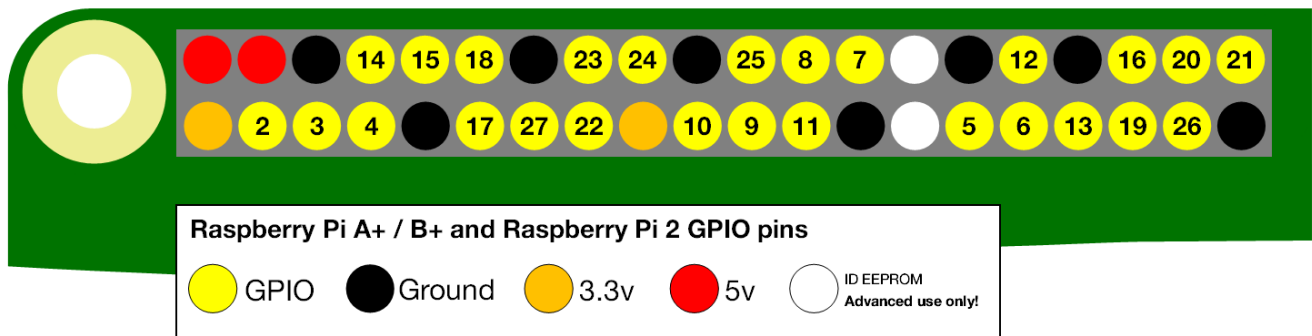


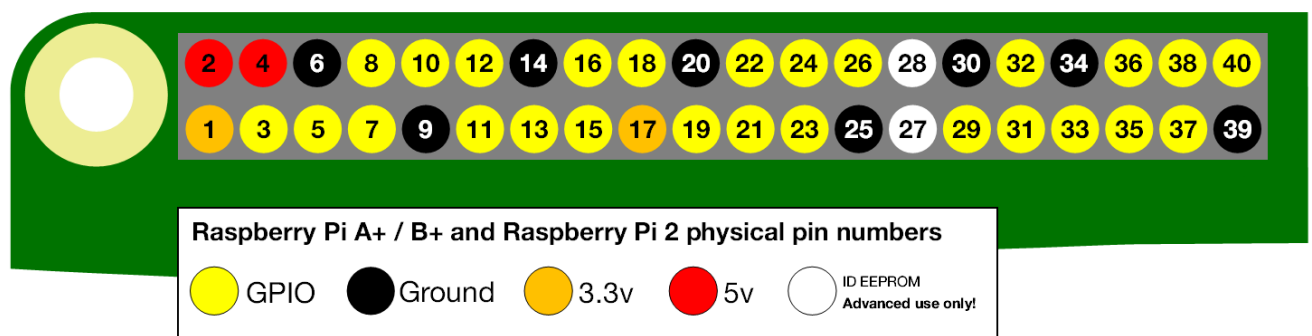
# GPIO

- [interface circuits](#)

GPIO numbers (BCM mode)



physical number (BOARD mode)



test pin 17

```
gpio -g mode 17 out
gpio -g write 17 1
sleep 2
gpio -g write 17 0
```

python

```
import RPi.GPIO as GPIO
import time

GPIO.cleanup()
GPIO.setmode(GPIO.BOARD)

channel=11
GPIO.setup(channel, GPIO.OUT)

while True:
```

```
GPIO.output(channel, GPIO.HIGH)
time.sleep(1)
GPIO.output(channel, GPIO.LOW)
time.sleep(1)
```

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