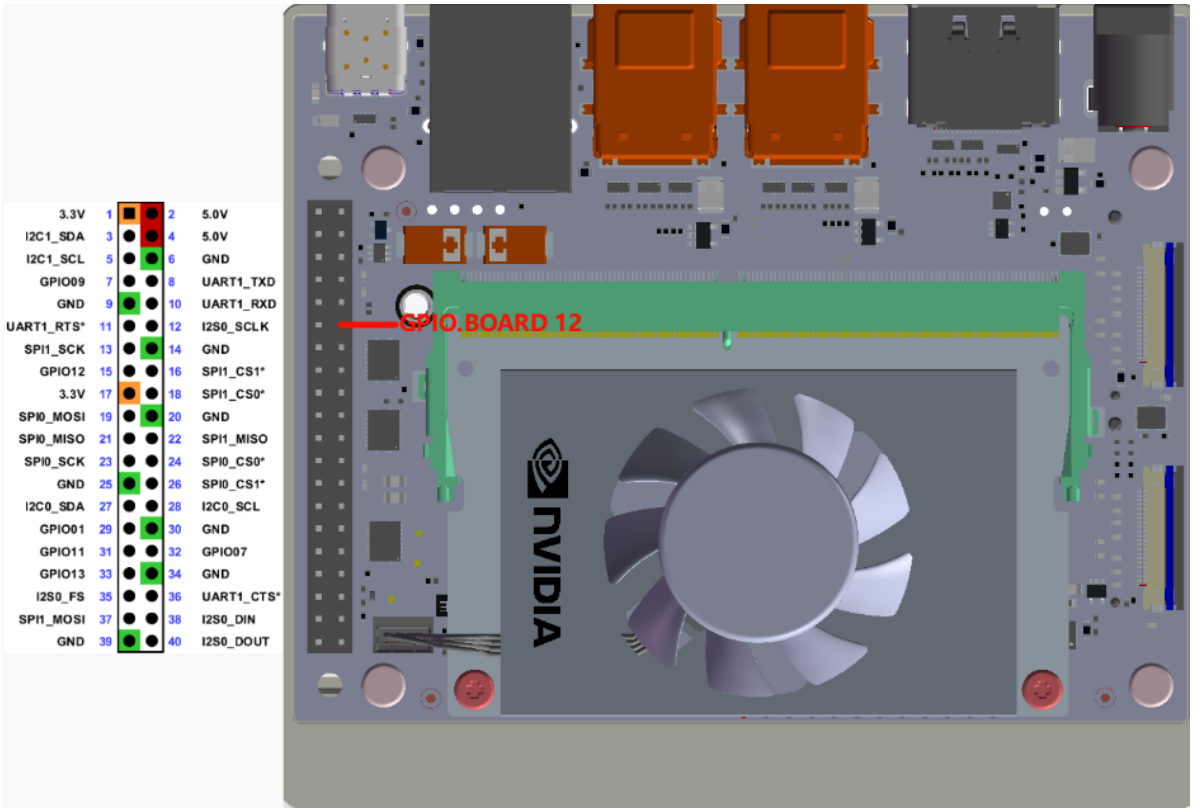
# GPIO reading



## 1. GPIO pin diagram

GPIO.BOARD 12 pin corresponds to GPIO.BCM 18 pin:




## 2. Run the program

```
cd ~/jetson-gpio/samples
```

```
export JETSON_MODEL_NAME=JETSON_ORIN_NX
```

```
python3 simple_input.py
```

## 3. Program effect

Use Dupont wire to connect GPIO.BOARD 12 pin to GND and 3.3V pin on the motherboard, and test the reading of high and low levels:

**Note: Do not connect incorrectly or cause pin short circuit, as mistakes may cause damage to the motherboard hardware!**