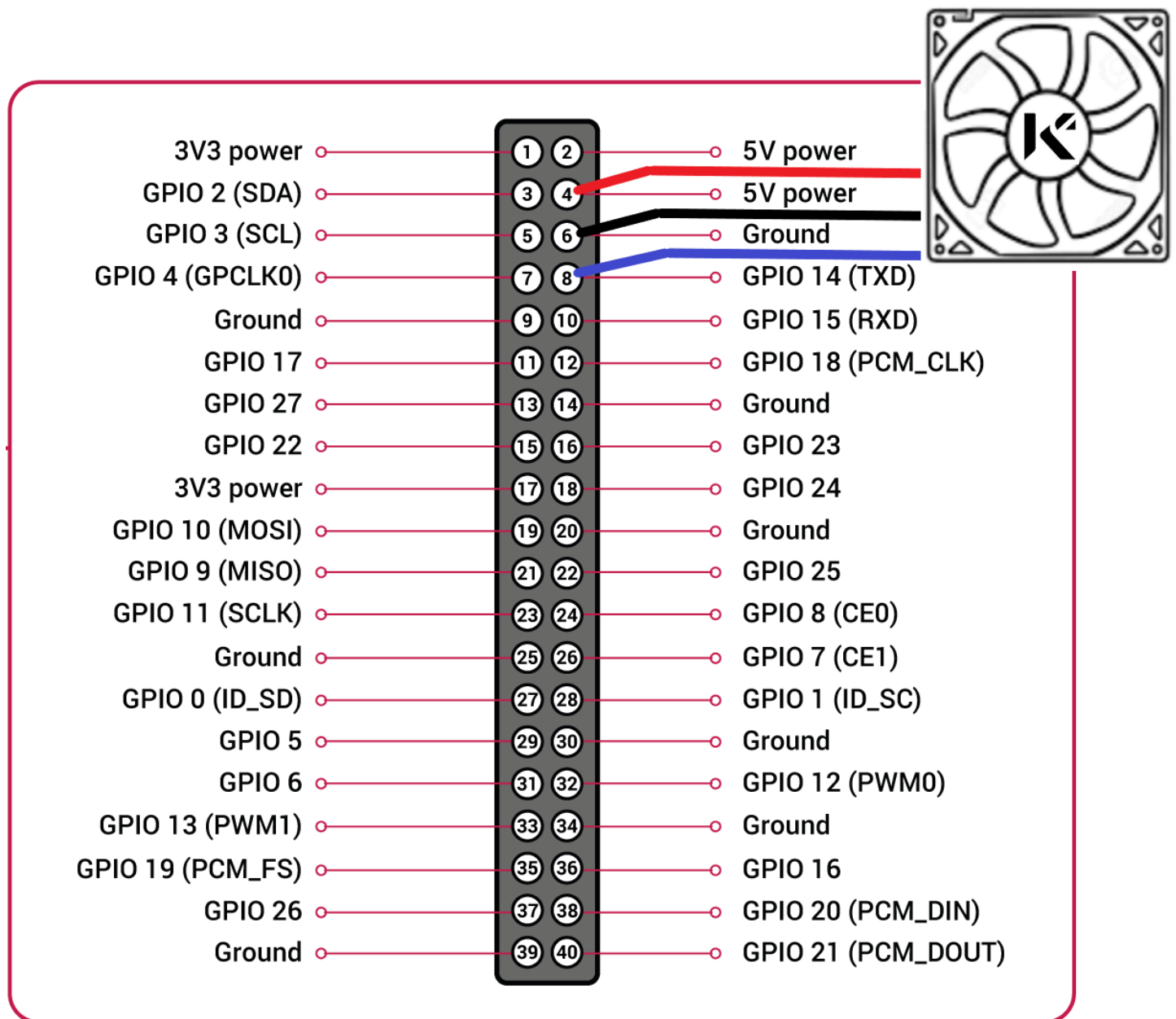


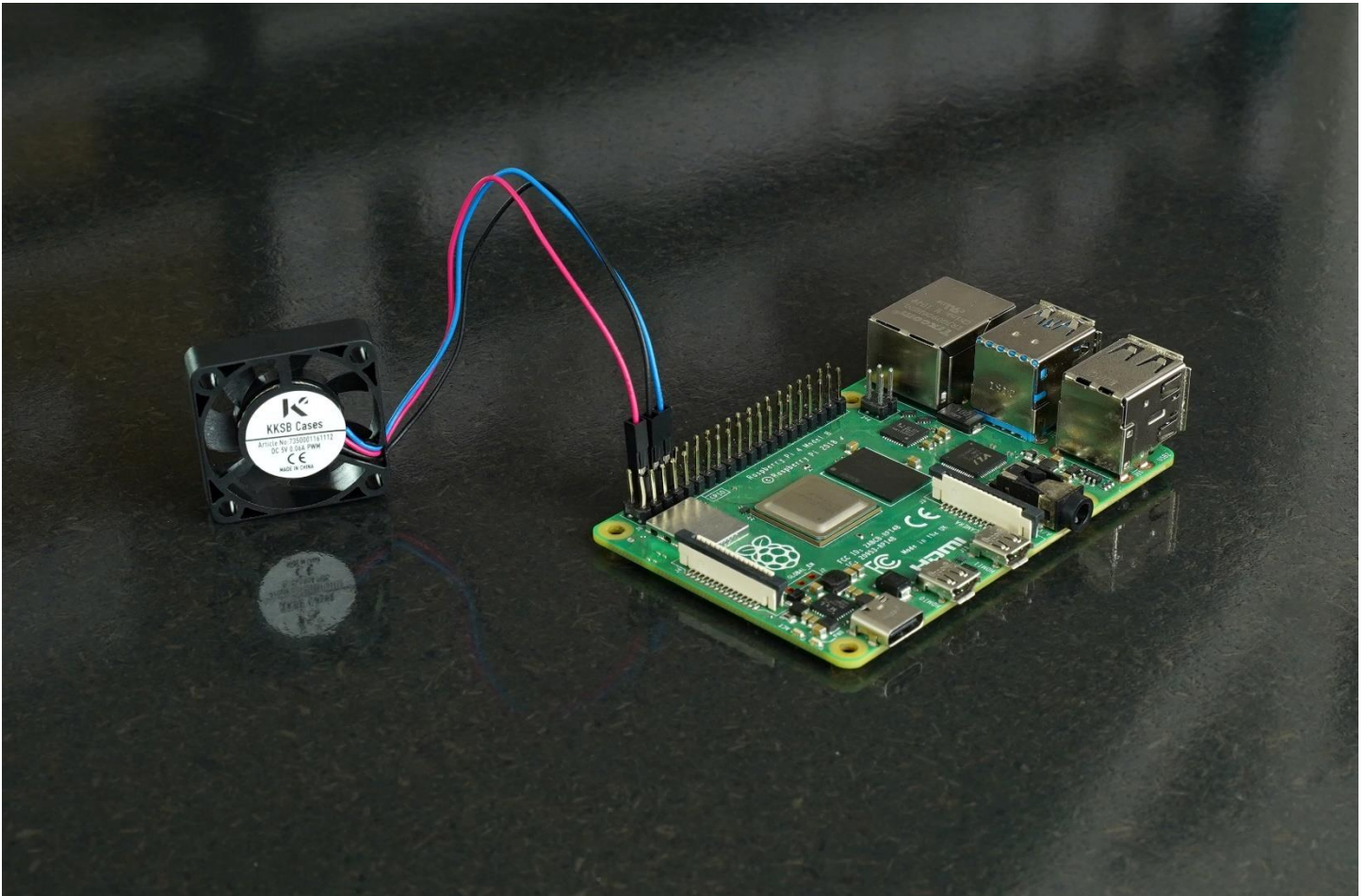
## KKSB PWM Fan works with most Single Board Computers that are compatible with the PWM control interface.

In this KKSB Fan wiring guide, we are taking Raspberry Pi 4 GPIO as an example. But you can use this fan with other SBCs as well.

### KKSB PWM Fan Connection Example with Raspberry Pi 4 GPIO

The KKSB 30mm 5V PWM Fan has 3x wires. Please connect each wire carefully to the right GPIO pin as shown below.



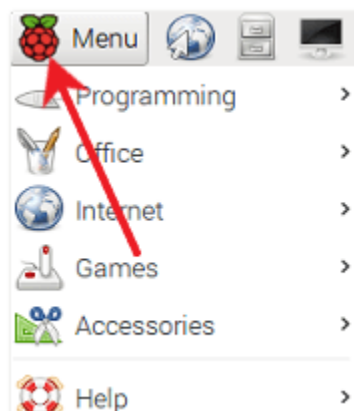


- Red Wire (5V) corresponds to the GPIO Pin 4
- Black Wire (Ground) corresponds to the GPIO Pin 6
- Blue Wire (GPIO 14 TXD) corresponds to the GPIO Pin 8

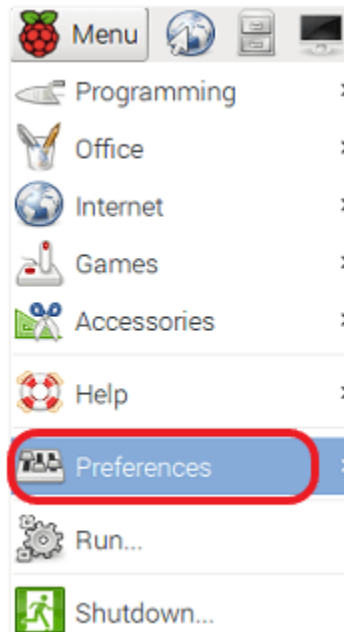
## How to Configure PWM Fan Start / Stop Temperature on Raspberry Pi OS?

Once the KKS PWM fan is properly connected to the Raspberry Pi 4 GPIO, you can configure its auto start / stop temperature on Raspberry Pi OS in minutes.

- On Raspberry Pi OS GUI, select the **Raspberry Button**



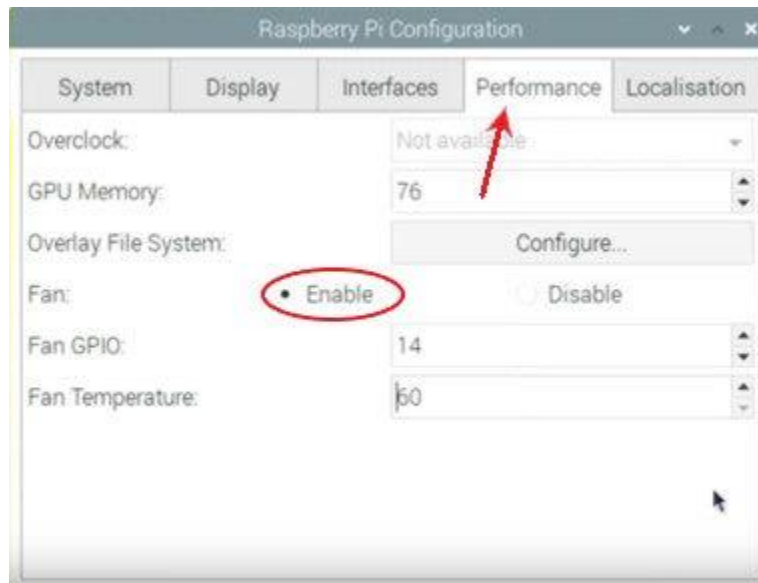
- From the drop-down, locate and select **Preferences**



- Select **Raspberry Pi Configuration** from the next drop-down



- From the top bar, select **Performance**



- Select **Enable** button
- Fan GPIO should be **14** (Note, it is the Pin 8 connected to the PWM lead and defined as GPIO 14 TDX)
- Select the temperature (Any value between **60°C** and **120°C**)
- Restart the system to apply settings.

**You can follow a similar temperature configuration for KKS PWM fan on other Operating Systems depending on the SBC.**