

**PWM Fan Speed Control Module**



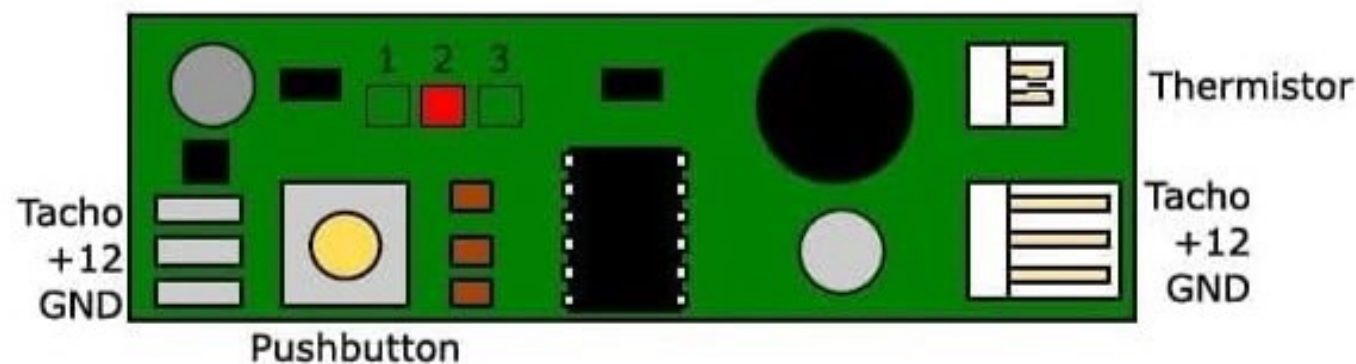


Table 1			Table 2			Table 3		
1	2	3	1	2	3	1	2	3
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### Operation description:

1: The fan rotates at base fan speed, until base temperature is reached.

2: When base temperature is reached, fan starts accelerating

3: The fan spins at top speed when the temperature reaches top speed temperature setting.

Between base temp, and top speed temp, the fan is automatically regulated in several steps.

### Example of application:

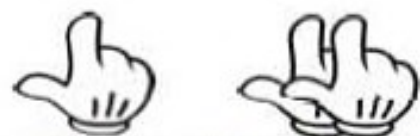
Sensor is applied to semiconductor heatsink that should not exceed 60°C: Set base temp to 30, and top speed to 20 (keep 10 for safety).

1: Enter programming mode:



**1 CLICK**  
☐ ☒ ☐ Led 2 blinking

2: Increase or decrease base fan speed.



**Click to increase Double Click to decrease**

You may reach max or min limits

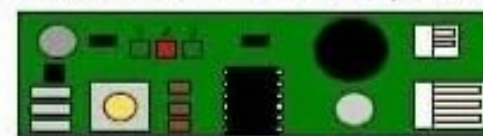
☒ ☒ ☐ Reached Min Speed  
☐ ☒ ☒ Reached Max Speed

3: You may consider change base speed temperature, and top speed temperature

4: Save Settings after 20 seconds  
☐ ☒ ☐ Led 2 blinking -> steady

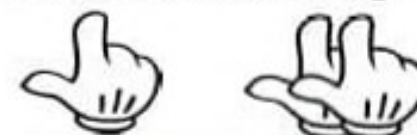
5: Normal operation  
☐ ☒ ☐ Led 2 steady

1: Enter Set Base Temperature mode:



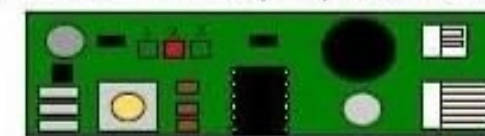
**1 LONG CLICK**  
☒ ☐ ☐ Led blinking SLOW shows current setting see table 2

2: Increase or decrease base temp. See table 2. If sensor > base temp, the fan starts accelerating.



**Click to increase Double Click to decrease**

3: Enter Set Top Speed Temperature.



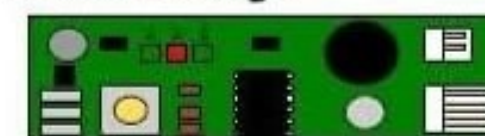
**1 LONG CLICK**  
☒ ☐ ☐ Led blinking FAST shows current setting see table 3

4: Increase or decrease top speed temp. Top speed temp is: Base temp + table 3 option



**Click to increase Double Click to decrease**

5: Save Settings



**1 LONG CLICK**  
☐ ☒ ☐ Led 2 blinking FAST