

MM3688

2023/07/20

Outline

The MM3688 series has a detection temperature of  $+ 60\text{ }^{\circ}\text{C} \leq \text{TDET} \leq + 90\text{ }^{\circ}\text{C}$ , and is being developed in steps of  $1.0\text{ }^{\circ}\text{C}$ .  
This product achieves an ultra-low current consumption of  $0.12\text{ }\mu\text{A typ.}$ , Which is ideal for mobile products that are concerned about power consumption.

Specifications

Operating Supply Voltage lower limit [V]	Operating Supply Voltage upper limit [V]	Operating Ambient Temperature lower limit [deg.C]	Operating Ambient Temperature upper limit [deg.C]	Detecting Temperature Accuracy lower limit [deg.C]	Detecting Temperature Accuracy upper limit [deg.C]	Supply current Typ. [μA]
1.6	5.0	-40	125	-2	2	0.12
Hysteresis Temperature [deg.C]						
10,15,20,25						

Product name	Operating Ambient Temperature lower limit [deg.C]	Operating Ambient Temperature upper limit [deg.C]	Hysteresis Temperature [deg.C]	Detecting Temperature Range (1℃ step) [deg.C]	Output Logic	Output Type
MM3688B	-40	125	10	60~90	Active High	Nch Open Drain
MM3688C	-40	125	15	60~90	Active High	Nch Open Drain
MM3688D	-40	125	20	60~90	Active High	Nch Open Drain

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MM3688E	-40	125	25	60~90	Active High	Nch Open Drain

Package

PLP-4A