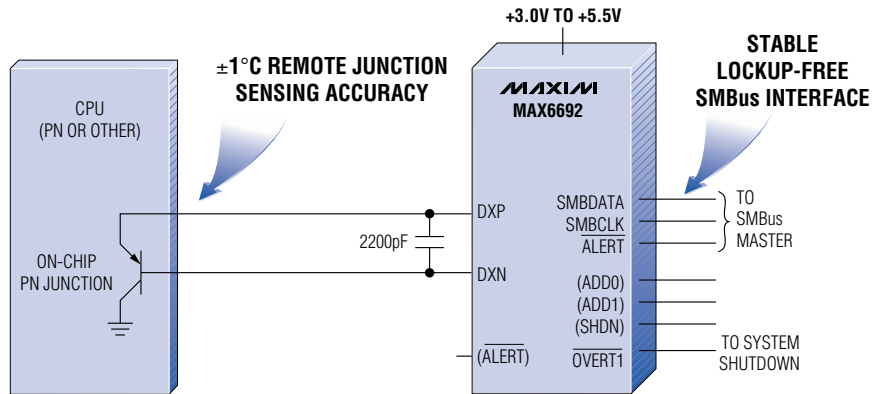


±1°C ACCURATE TEMP SENSOR WITH MULTIPLE ALARMS IN A μMAX PACKAGE

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The MAX6692 combines temperature measurement accuracy with multiple overtemperature alarms for better thermal control and maximum CPU protection. All feature 11-bit (0.125°C) resolution.



- ◆ ±1°C (max) Remote-Junction Accuracy (+60°C ≤ T_{RJ} ≤ +100°C)
- ◆ ±2°C (max) Local-Junction Accuracy (+60°C ≤ T_A ≤ +100°C)
- ◆ 10-Bit + sign, 0.125°C Resolution
- ◆ Lockup-Free SMBus™/I²C™-Compatible Interface
- ◆ Programmable Alarm Temp Thresholds
- ◆ Configurable Interrupt or Comparator Alarm Outputs

PART	TEMPERATURE MEASUREMENT RANGE	OPERATING TEMPERATURE RANGE	NUMBER OF ALARM OUTPUTS	PIN-PACKAGE	ORDERING INFORMATION	PRICING† (\$)
MAX6692	0°C to +125°C	-55°C to +125°C	2	8-μMAX	MAX6657MUA	1.85

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†1000-up recommended resale, FOB USA. Prices provided are for design guidance and are FOB USA. International prices will differ due to local duties, taxes, and exchange rates. Not all packages are offered in 1k increments, and some may require minimum order quantities.



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