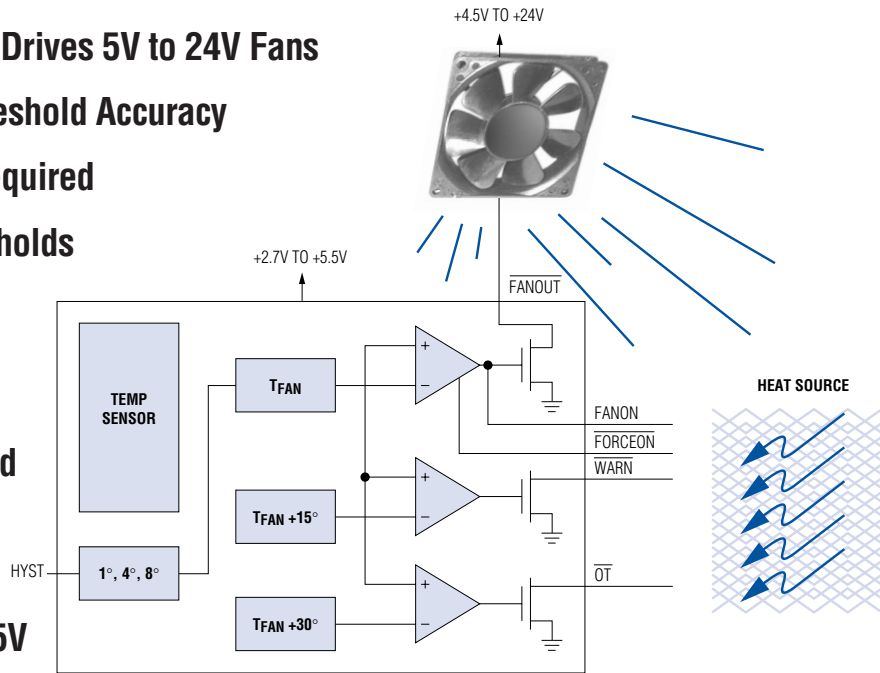


SIMPLE, FAIL-SAFE FAN CONTROL WITH INTEGRATED POWER FET

Fully Integrated Thermal Switch with Factory-Programmed Thresholds

The MAX6665 fan controller has a fully integrated thermal switch and an internal power transistor perfectly suited for driving a 5V, 12V, or 24V cooling fan rated up to 250mA. If the factory-programmed trip threshold is exceeded, the MAX6665 activates the cooling fan and will turn off only when the temperature drops below the pin-selectable 1°C, 4°C, or 8°C hysteresis. Two more overtemperature outputs indicate when the temperature has risen 15°C and 30°C above the trip threshold. The fan can be forced on at any time by setting the FORCEON pin low, and the FANON output indicates whether the fan is off or on.

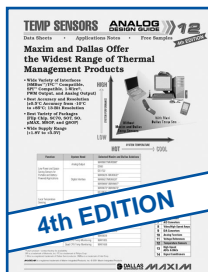
- ◆ On-Chip 250mA Fan Switch Drives 5V to 24V Fans
- ◆ $\pm 1^\circ\text{C}$ (typ) Temperature Threshold Accuracy
- ◆ No External Components Required
- ◆ Factory-Programmed Thresholds from $+40^\circ\text{C}$ to $+70^\circ\text{C}$
- ◆ Two Overtemperature Warning Outputs
- ◆ Pin-Selectable 1°C , 4°C , and 8°C Hysteresis
- ◆ Low $65\mu\text{A}$ Supply Current
- ◆ Operates from $+2.7\text{V}$ to $+5.5\text{V}$
- ◆ -40°C to $+125^\circ\text{C}$ Operating Range



ORDERING INFORMATION	PIN-PACKAGE	TEMP RANGE
MAX6665ASA_ _*	8-SO-EP	-40°C to $+125^\circ\text{C}$

*Last two digits represent temperature trip threshold choice of 40, 45, 50, 55, 60, 65, 70.

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