

Trans MOSFET N-CH Si 20V 8.7A 8-Pin SOIC T/R

Manufacturers	Infineon Technologies Corporation
Package/Case	SOIC-8
Product Type	Transistors
RoHS	Green
Lifecycle	



Images are for reference only

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[RFQ](#)

General Description

The ADN8830 is a monolithic controller that drives a thermoelectric cooler (TEC) to stabilize the temperature of a laser diode or a passive component used in telecommunications equipment.

This device relies on a negative temperature coefficient (NTC) thermistor to sense the temperature of the object attached to the TEC. The target temperature is set with an analog input voltage either from a DAC or an external resistor divider.

APPLICATIONS

- Thermoelectric Cooler (TEC) Temperature Control
- Resistive Heating Element Control
- Temperature Stabilization Substrate (TSS) Control

Features

RoHS Compliant

Low RDS(on)

Industry-leading quality

Dynamic dv/dt Rating

Fast Switching

Fully Avalanche Rated

175°C Operating Temperature

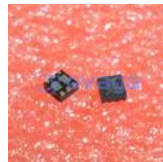


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TSOP-6



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SOIC-8