



ADT7481EBZEVb: 3-Channel Digital Thermometer and Under/Over Temperature Alarm Evaluation Board

The ADT7481 is a 3-channel digital thermometer and under/over temperature alarm, intended for use in PCs and thermal management systems. It can measure its own ambient temperature or the temperature of two remote thermal diodes. These thermal diodes can be located in a CPU or GPU, or they can be discrete diode connected transistors. The ambient temperature, or the temperature of the remote thermal diode, can be accurately measured to $\pm 1^{\circ}\text{C}$. The temperature measurement range defaults to 0°C to $+127^{\circ}\text{C}$, compatible with ADM1032, but can be switched to a wider measurement range from -64°C to $+191^{\circ}\text{C}$.



Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
ADT7481EBZEVb	Active		3-Channel Digital Thermometer and Under/Over Temperature Alarm Evaluation Board	ADT7481ARMZ-1RL , ADT7481ARMZ-REEL	» Contact Local Sales Office

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	ADT7481EBZEVb Bill of Materials ROHS Compliant	ADT7481EBZEVb_BOM_ROHS.PDF - 57.0 KB	0
Eval Board: Gerber	ADT7481EBZEVb Gerber Layout Files (Zip Format)	ADT7481EBZEVb_GERBER.ZIP - 388.0 KB	0
Eval Board: Schematic	ADT7481EBZEVb Schematic	ADT7481EBZEVb_SCHEMATIC.PDF - 166.0 KB	0
Eval Board: Test Procedure	ADT7481EBZEVb Test Procedure	ADT7481EBZEVb_TEST_PROCEDURE.PDF - 163.0 KB	0
Software	ADT7481EBZEVb Software	ADT7481EBZEVb_SOFTWARE - 5912 KB	0

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