onsemi

Regulator - Fixed-Output, Synchronous, TINYBOOST[®]





WLCSP9 1.215x1.215x0.581 CASE 567QW

MARKING DIAGRAM

KL&K

&2&Z

&K = 2-Digits Lot Run Traceability Code

TYPICAL APPLICATION

VOUT

COUT

PGND

AGNE

SYSTEM LOAD

 \cap

KL = Specific Device Code

= Assembly Plant Code

&2 = 2-Digit Date Code

&Ζ

Description

The FAN48614 is a low-power boost regulator designed to provide a minimum voltage-regulated rail from a standard single-cell Li-Ion battery and advanced battery chemistries. The combination of built-in power transistors, synchronous rectification, and low supply current suit the FAN48614 for battery-powered applications.

Features

- Input Voltage Range: 2.7 V to 4.5 V
- Output Voltage: 5.0 V
- Internal Synchronous Rectification
- True Load Disconnect
- Short–Circuit Protection
- Three External Components

Applications

- Class–D Audio Amplifier
- Boost for Low-Voltage Li-Ion Batteries
- Smart Phones, Tablets, Portable Devices
- RF Applications

Additional Information

• For the full datasheet, please contact a onsemi Sales Representative.

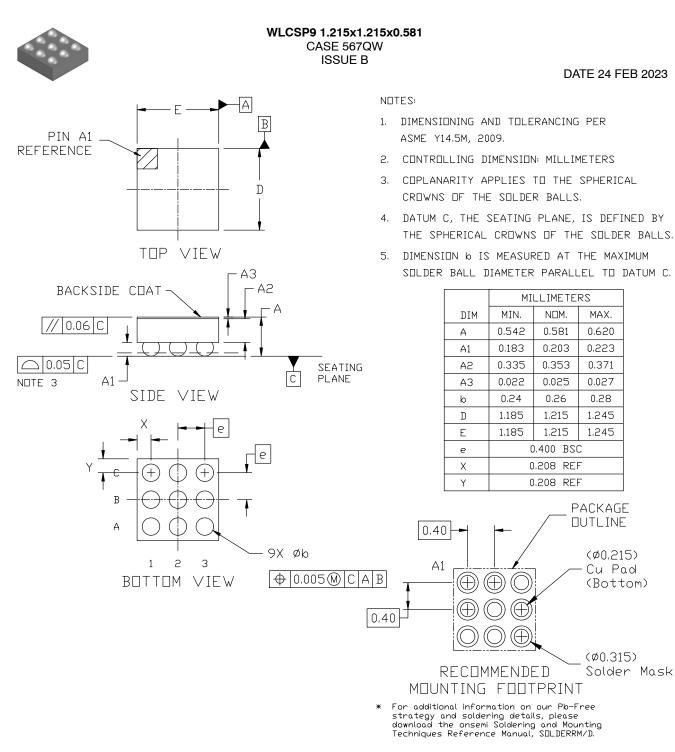
ORDERING INFORMATION

Part Number	Vout	Operating Temperature	Package	Packing Method [†]
FAN48614BUC50X	5.0 V	-40 to 85°C	WLCSP9 1.215x1.215x0.581 (Pb-Free and Halide Free)	3000 / Tape and Reel

+For information on tape and reel specifications, including part orientation and tape sizes, please refer to our Tape and Reel Packaging Specifications Brochure, BRD8011/D.

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DESCRIPTION:	WLCSP9 1.215x1.215x0.581		PAGE 1 OF 1		

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