Product Overview

FAN2510: CMOS Low Dropout Voltage Regulator

For complete documentation, see the data sheet.

The FAN2510 of micropower low-dropout voltage regulators utilizes CMOS technology to offer a new level of cost-effective performance in GSM, TDMA, and CDMA cellular handsets, laptop and notebook portable computers, and other portable devices. Features include extremely low power consumption and low shutdown current, low dropout voltage, exceptional loop stability able to accommodate a wide variety of external capacitors, and the compact SOT23-5 surface-mount package. In addition, the FAN2510 offers the fast power-cycle time required in CDMA handset applications. These products offer significant improvements over older BiCMOS designs and are pin-compatible with many popular devices. The output is thermally protected against overload. Pin4 allows the user to adjust the output voltage over a wide range using an external voltage divider.

Features

• Ultra-Low Power Consumption
• Enable Optimized for CDMA tome Slices
• 100 mV Dropout Voltage at 100 mA
• Output Volatge of 3.3 V
• 25 μA Ground Current at 100 mA
• Enable / Shutdown Control
• SOT23-5 package
• Thermal Limiting
• 300 mA Peak Current
• Cellular Phones and Accessories
  For more features, see the data sheet

Applications

• This product is general usage and suitable for many different applications.

For more information please contact your local sales support at www.onsemi.com.

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