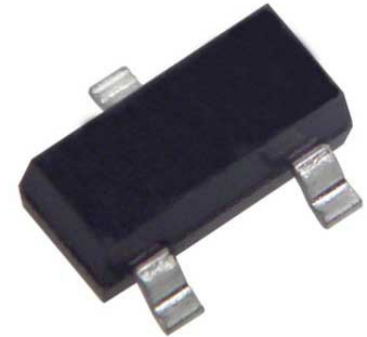


Controller 2.7V to 26.4V Automotive 8-Pin TSOT-23 T/R



Images are for reference only

[Inquiry](#)

Manufacturer: [Analog Devices, Inc](#)

Package/Case: SOT23

Product Type: Power Management ICs

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

The LTC2954 is a pushbutton on/off controller that manages system power via a pushbutton interface. An enable output toggles system power while an interrupt output provides debounced pushbutton status. The interrupt output can be used in menu driven applications to request a system power-down. A power kill input allows a microprocessor or system to reset the enable output, effectively powering down the system. Independently adjustable on and off timers allow dependable pushbutton control of the enable output and resistance to accidental toggling of system power.

The LTC2954 operates over a wide 2.7V to 26.4V input voltage range to accommodate a wide variety of input power supplies. Very low quiescent current (6 μ A typical) makes the LTC2954 ideally suited for battery powered applications. Two versions of the part are available to accommodate either positive or negative enable polarities.

Key Features

Adjustable Power On/Off Timers

Low Supply Current: 6 μ A

Wide Operating Voltage Range: 2.7V to 26.4V

Low Leakage EN Output (LTC2954-1) Allows DC/DC Converter Control

High Voltage EN Output (LTC2954-2) Allows Circuit Breaker Control

Simple Interface Allows Graceful μ P Shutdown

High Input Voltage PB Pin with Internal Pull-Up Resistor

Accurate 0.6V Threshold on KILL Comparator Input

8-Pin 3mm \times 2mm DFN and ThinSOT™ Packages

Application

Pushbutton PowerPath™ Control

Portable Instrumentation Meters

Blade Servers

Portable Customer Service PDA

Desktop and Notebook Computers

Recommended For You

LTC4412ES6

Analog Devices, Inc

SOT23-6

LTC4259ACGW-1

Analog Devices, Inc

SSOP36

LTC4259ACGW

Analog Devices, Inc

SSOP36

LTC1530IS8

Analog Devices, Inc

SOP8

LTC4252-2IMS

Analog Devices, Inc

MSOP10

LTC4412ES6#PBF

Analog Devices, Inc

SOT23-6

LTC4412ES6#TRPBF

Analog Devices, Inc

SOT23-6

LTC2942CDCB#TRMPBF

Analog Devices, Inc

DFN-6

LT1054IN8

Analog Devices, Inc

DIP-8

LTC4416EMS#PBF

Analog Devices, Inc

MSOP10

LTC4357IMS8

Analog Devices, Inc

MSOP8

LTC4414IMS8#PBF

Analog Devices, Inc

MSOP8

LTC4413EDD

Analog Devices, Inc

DFN10

LT3469EIS8#TRMPBF

Analog Devices, Inc

SOT23-8

LTC4412HVIS6

Analog Devices, Inc

SOT23-6