


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

<b>Manufacturer:</b>	<a href="#">Analog Devices, Inc</a>
<b>Package/Case:</b>	SOT23-8
<b>Product Type:</b>	Power Management ICs
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

[Inquiry](#)

### General Description

The LTC2951 is a micropower, wide input voltage range pushbutton ON/OFF controller. The part contains a pushbutton input which controls the toggling of an open-drain enable output. The pushbutton turn OFF debounce time is externally programmable, while the turn ON debounce time is fixed at 128ms. A simple microprocessor interface allows for proper system housekeeping prior to powerdown. Under system fault conditions, an adjustable KILL timeout delay ensures proper power-down.

The LTC2951 operates over a 2.7V to 26.4V input voltage range to accommodate a variety of input power supplies. Very low quiescent current (6µA typical) makes the LTC2951 ideally suited for battery powered applications. Two versions of the part are available to accommodate either positive or negative enable polarities. The parts are available in 8-pin 3mm × 2mm DFN and ThinSOT packages.

### Key Features

- Adjustable Pushbutton Debounce and Delay Timers
- Low Supply Current: 6µA
- Wide Operating Voltage Range: 2.7V to 26.4V
- EN Output (LTC2951-1) Allows DC/DC Converter Control
- EN Output (LTC2951-2) Allows Circuit Breaker Control
- Simple Interface Allows Graceful µP Shutdown
- High Input Voltage PB Pin with Internal Pull-Up Resistor
- Accurate 0.6V Threshold on KILL Comparator Input
- 8-Pin 3mm × 2mm DFN and ThinSOT™ Packages

### Application

- 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