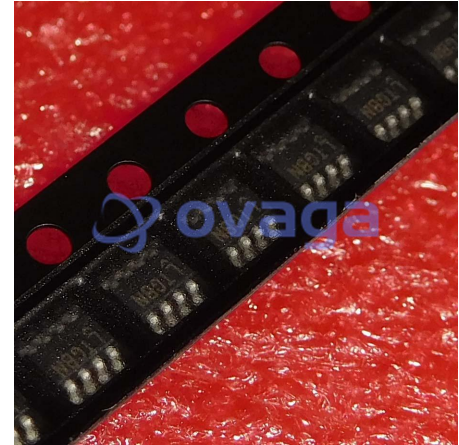


IC PB ON/OFF CTRLR

Manufacturers	Analog Devices, Inc
Package/Case	TSOT-23-8
Product Type	Power Supply Controllers, Monitors
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for LTC2955CTS8-2#TRPBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The LTC2955 is a micropower, pushbutton on/off controller that manages system power by generating a clean enable output from the supply monitor input and the debounced pushbutton input. It features an interrupt output that notifies the system of a pushbutton or low supply event. When the system is ready, it may use the power kill input to shut off power. If the pushbutton remains pressed for more than the configurable turn-off duration, the system power is forced off.

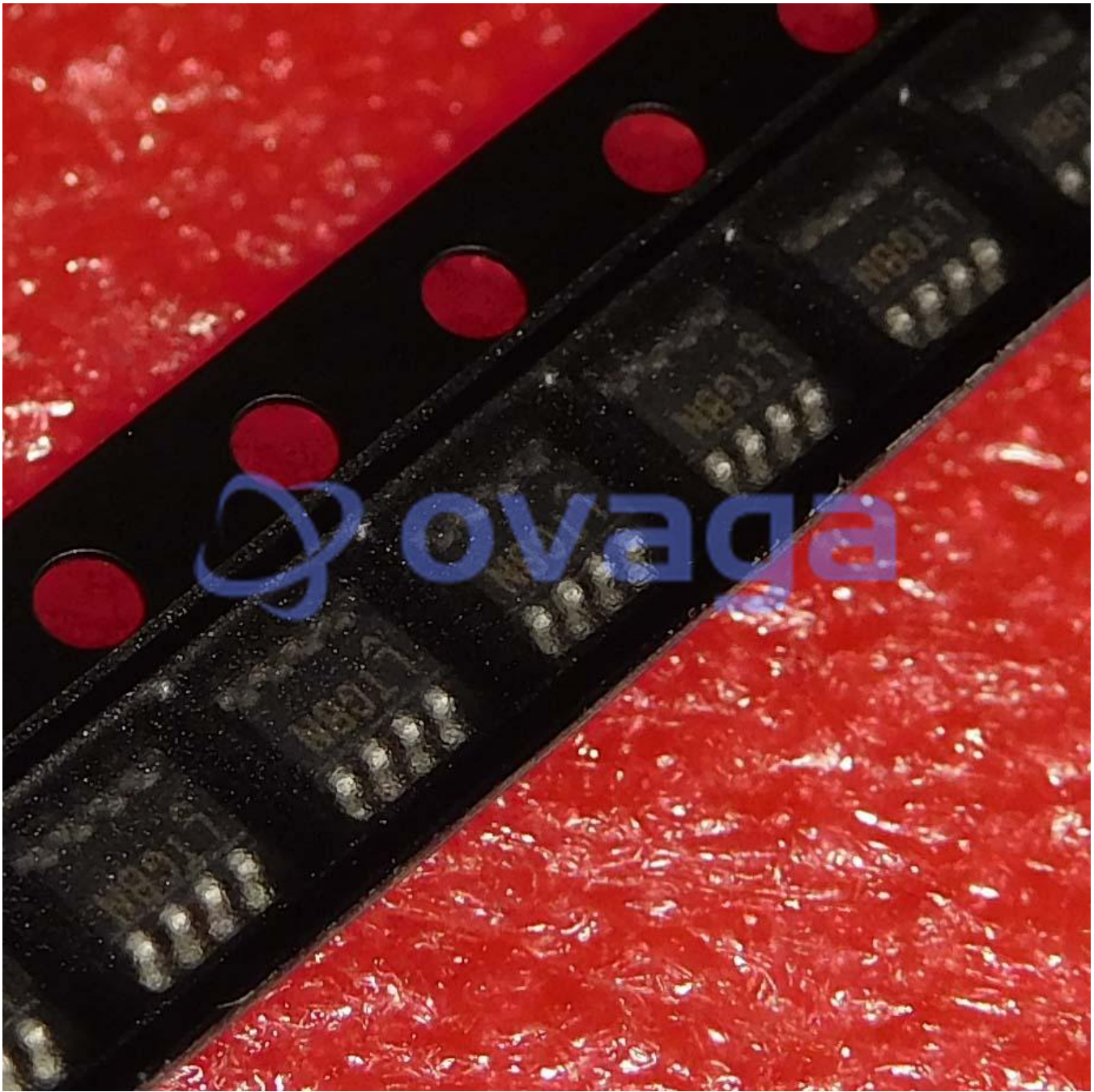
The supply input covers a wide range from 1.5V to 36V. The robust pushbutton input handles wide voltage swings of $\pm 36V$ and ESD strikes to $\pm 25kV$ (human body model) without latchup or damage. A low $1.2\mu A$ supply current maximizes battery run time. Separate versions are available for positive or negative enable polarities.

Features

- Automatic Turn-On Via Voltage Monitor Input
- Wide Input Supply Range: 1.5V to 36V
- Low Supply Current: $1.2\mu A$
- Low Leakage EN Output Allows DC/DC Converter Control (LTC2955-1)
- High Voltage EN Output Drives External P-Channel MOSFET (LTC2955-2)
- Simple Interface Allows Graceful μP Shutdown
- Adjustable Turn-Off Timer
- 10-Lead $3mm \times 2mm$ DFN and 8-Lead ThinSOT™ Packages

Application

- Desktop and Notebook Computers
- GPS Devices
- Portable Instruments
- Automotive Electronics



Related Products



[LT3763EFE](#)

Analog Devices, Inc
TSSOP28



[LT1038CK](#)

Analog Devices, Inc
TO-3



[LTC4417IUF](#)

Analog Devices, Inc
QFN-24



[LTC3440EMS](#)

Analog Devices, Inc
MSOP10



[LTC1966CMS8#PBF](#)

Analog Devices, Inc
MSOP-8P



[LTC2990IMS#PBF](#)

Analog Devices, Inc
10MSOP



[LTM8045EY#PBF](#)

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BGA40



[LT4295IUFD#PBF](#)

Analog Devices, Inc
28-WFQFN