


Processor Supervisor 2.88V 1 Active Low/Open Drain/Push-Pull 4-Pin(3+Tab) SOT-223 Tube

Manufacturer:	Maxim Integrated
Package/Case:	SOT223
Product Type:	Power Management ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The DS1233 EconoReset monitors two vital conditions for a microprocessor: power supply and external override. A precision temperature-compensated reference and comparator circuit are used to monitor the status of the power supply (VCC). When an out-of-tolerance condition is detected, an internal power-fail signal is generated which forces reset to the active state. When VCC returns to an in-tolerance condition, the reset signal is kept in the active state for approximately 350ms to allow the power supply and processor to stabilize. The second function of the DS1233 is pushbutton reset control. The DS1233 debounces a pushbutton closure and will generate a 350ms reset pulse upon release.

Key Features

- Monitors pushbutton for external override
- Internal circuitry debounces pushbutton switch
- Reduces need for discrete components
- Precision temperature-compensated voltage reference and voltage sensor
- Internal 5kR pull-up resistor
- System Monitoring

Recommended For You

DS2740U+	DS2786G+	DS9034PC+
Maxim Integrated	Maxim Integrated	Maxim Integrated
MSOP8	TDFN10	DIP
DS2740U+T&R	DS1865T+	DS2780E+
Maxim Integrated	Maxim Integrated	Maxim Integrated
MSOP8	TQFN28	TSSOP8

DS4560S-AR+

Maxim Integrated

SOP8

DS2740BU+

Maxim Integrated

MSOP8

DS3923T+

Maxim Integrated

TQFN24

DS9034PCI+

Maxim Integrated

DIP

MAX1636EAP

Maxim Integrated

SSOP20

MAX1758EAI+

Maxim Integrated

SSOP28

MAX1673ESA+

Maxim Integrated

SOP8

ICL7660CPA+

Maxim Integrated

DIP

MAX1682EUK+T

Maxim Integrated

SOT23-5