

# UM803RS-3引脚微处理器复位电路

产品名称	UM803RS-3引脚微处理器复位电路
公司名称	深圳市恩优科技有限公司
价格	.00/个
规格参数	品牌:英联UNION 型号:UM803RS 产地:中国
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## 产品详情

### Key Specifications

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### Product Description

The UM803 is a microprocessor ( $\mu P$ ) supervisory circuit used to monitor the power supplies in  $\mu P$  and digital systems. It provides excellent circuit reliability and low cost by eliminating external components and adjustments when used with +5V, +3.3V, +3.0V or +2.5V powered circuits.

The circuit performs a single function: it asserts a reset signal whenever the VCC supply voltage declines below a preset threshold, keeping it asserted for at least 140ms after VCC has risen above the reset threshold. Reset thresholds suitable for operation with a variety of supply voltages are available.

The UM803 has an open-drain output stage. The UM803's open-drain RESET(\_\_\_\_\_) output requires a pull-up resistor that can be connected to a voltage higher than VCC. The UM803 has an active-

low RESET(\_\_\_\_\_) output. The reset comparatr is designed to ignore fast transients on VCC, and the outputs are guaranteed to be in the correct logic state for VCC down to 1V.

Low supply current makes the UM803 ideal for use in portable equipment. The UM803 is available in a 3-pin SOT323 and SOT23 package.

## Features

- No External Components
- Power Supply Transient Immunity
- Guaranteed Reset Valid to VCC=+1V
- Precision VCC Monitoring of +2.5V, +3V, +3.3V and +5V Supplies
- Fully Specified Over Temperature
- 2  $\mu$  A Supply Current
- 140ms Minimum Power-On Reset Pulse Width
- Available in One Output Configuration:
  - Open-Drain Active-Low RESET(\_\_\_\_\_) Output
- 3-Pin SOT323 and SOT23 Packages
- Wide Operation Temperature: -40 ° C to +85 ° C

## Typical Application Circuit

## Applications

- Computers
- Controllers
- Portable/Battery-Powered Equipments
- Intelligent Instruments
- Critical  $\mu$  P and  $\mu$  C Power Monitoring
- Automotive

## Pin Configurations

## Ordering Information

UM8 XX Z P

XX: Output Type

=03 Open-Drain Active Low

Z: Reset Threshold (V)

=L 4.63

=M 4.38

=J 4.00

=T 3.08

=S 2.93

=R 2.63

=Z 2.32

P: Package Type

=S SOT23-3

=P SOT323

## Selection Table

P	O	S
a	ut	hi
r	pu	p
t	tT	pi
	yp	n
	e	g
		Q
		ty
4	O	S 3
.	pe	0
6	n-	0
3	Dr	0
	ain	p
	,	cs
		/7

Ac  
tiv  
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ow

In  
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p  
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&  
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8  
4  
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0  
3  
.0  
8  
2  
.9  
3  
2  
.6  
3  
2  
.3  
2  
0 S  
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L  
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3

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3  
J

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3

0  
3  
S

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3

0  
3