

Manual Reset IC with Adjustable Deglitch Time

Features

- Manual Reset Input with Adjustable Manual Reset Deglitch Time
- Fully Specified Over Temperature
- Open-Drain $\overline{\text{RESET}}$ Output
- 4 μA Supply Current
- Guaranteed Reset Valid to $V_{\text{CC}} = 2.2\text{V}$
- Power Supply Transient Immunity
- ADFN1.5X1.5-6 Packages

Applications

- Computers
- Controllers
- Intelligent Instruments
- Critical μP and μC Power Monitoring
- Portable / Battery-Powered Equipment

General Description

The G601 is a manual reset IC used in μP and digital systems. They provide excellent circuit reliability and low cost.

These circuits perform a single function: they assert a reset signal whenever manual reset is triggered. Manual reset is generated after pull low $\overline{\text{MR}}$ pin lastingly over deglitch time delay set by capacitor connected in MRDLY pin.

The G601 has an open-drain output stage. The open-drain $\overline{\text{RESET}}$ output requires a pull-up resistor that can be connected to a voltage higher than V_{CC} . The reset comparator is designed to ignore fast transients on V_{CC} , and the outputs are guaranteed to be in the correct logic state for V_{CC} down to 2.2V.

Low supply current makes the G601 ideal for use in portable equipment. The G601 is available in ADFN1.5X1.5-6 packages.

Ordering Information

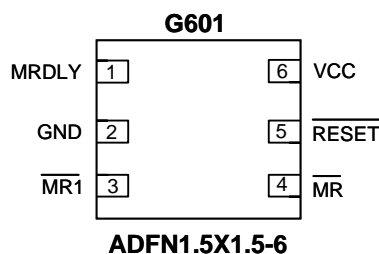
ORDER NUMBER	MARKING	TEMP. RANGE	PACKAGE (Green)
G601A31U	60 1x	-40°C ~ +105°C	ADFN1.5X1.5-6

Note: A3:ADFN1.5X1.5-6

1: Bonding Code

U: Tape & Reel

Pin Configuration



Typical Application Circuit

