

Rail-to-Rail CMOS Comparator Adjustable Different Charge/Discharge Time

Features

- Guaranteed 2.7V to 8V Performance
- Push-Pull Output with Hysteresis
- 3.3V output @ 5V supply voltage
- Input Common Mode Beyond the Rails
- Low Supply Current 5 μ A at 5V Power Supply
- Operating Temperature Range -40°C to +85°C
- SOT-23-6 package available

General Description

The G1336B is a low voltage rail-to-rail CMOS comparator with hysteresis push-pull output. The charge/discharge time is different and can be adjusted by using the capacitor on the TCAP pin. It is guaranteed to operate from 2.7V to 8V power supply. The current consumption is as low as 5 μ A at 5V supply voltage. When giving the 5V supply, the G1336B can supply 3.3V output for the next stage driving. So it is very suitable for portable electronic devices applications.

G1336B is available in the SOT-23-6 package.

Applications

- Mobile Communications
- Notebooks and PDA's
- Battery Powered Electronics
- General Purpose Portable Device
- General Purpose Low Voltage Applications

Ordering Information

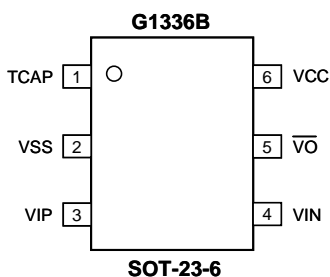
ORDER NUMBER	MARKING	TEMP. RANGE	PACKAGE (Green)
G1336BTB1U	136Bx	-40°C~ +85°C	SOT-23-6

Note: TB: SOT-23-6

1: Bonding Code

U: Tape & Reel

Pin Configuration



Typical Application Circuit

