

Features

- Optimized for fast transient response
- Low Shutdown Current ~0.1uA (Typ.)
- Output Current ~300mA
- High Power Supply Rejection Ratio ~70db@1KHz
- 1.8~5.5V Operation
- ±2% Initial Voltage Accuracy
- Low Temperature Drift Coefficient ~100ppm
- Line Regulation ~0.06%/V(Typ.)
- Low ESR Capacitor ~1uF ceramic capacitor
- uDFN4-1x1、SOT-23-5、MSOT-23、SOT-23-3、SOT-353(SC-75)、SOT-89-5、TDFN6-2x2 package
- Green Product (RoHS, Lead-Free, Halogen-Free Compliant)

Applications

- Portable communication equipment
- Notebook Computer
- Battery Powered Systems

Typical Application

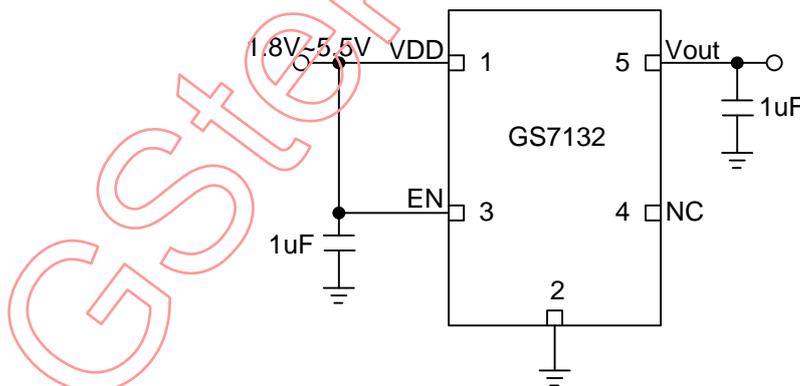


Figure 1(a) Fix mode of GS7132

General Description

The GS7132 is a CMOS linear regulator optimized for fast transient response. It guarantees delivery of 300mA output current. The device is available in fixed output voltage from 1.0V~4.8V and as an adjustable device with a 1.0V reference voltage.

Based on its low quiescent current consumption and its less than 1uA shutdown mode, the GS7132 is ideal for battery-powered applications. The line transient response and load transient response of the GS7132 are excellent, thus the device is suitable for the power supply for handheld communication equipment. The regulator is stable with small ceramic capacitive loads (1uF typical).