- 4V ~ 5.5V Input Range
- Programmable Operating Frequency
- **Build-In Short Circuit Protection**
- **Build-In Over Voltage Protection**
- **Build-In Over Load Protection**
- **Programmable Protection Timer**
- **Fault Indicator Function**
- Synchronous Operating Frequency
- **Build-In Over Temperature Protection**
- Available PWM Dimming Signal Input
- **PSOP-8** Package
- Green Product (RoHS, Lead-Free, Halogen-Free Compliant)

Applications

- LCD TV
- Monitor
- Notebook PC

Typical Application

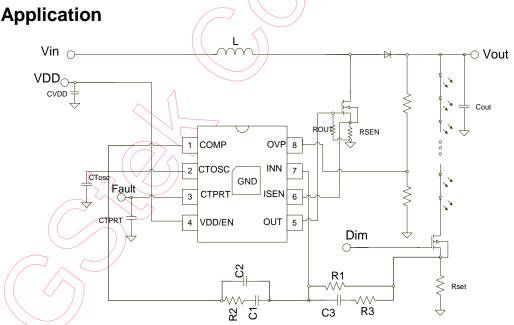
General Description

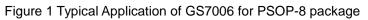
The GS7006 is a Voltage Mode PWM controller, and can be applied in BOOST, BUCK, and FLYBACK DC/DC power system. GS7006 use voltage mode, so it's easy to achieve steady system loop. Build-in several protections made GS7006 suitable for driving the WLED arrays for large size LCD panel backlighting applications.

The GS7006 operating frequency can be set by external capacitance. Also, multi-chips can be synchronous operation.

Short protection, over load protection, over voltage and other protection make the system operating very safe.

The GS7006 features external PWM dimming, which offers the flexible control of the backlighting luminance.





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