

**Features**

- High Precision Reference Voltage  
0.5% Accuracy  
Optional Initial Voltage  
IIC Programmable Reference Voltage
- Optional IIC Address
- Selectable Control Mode
- Programmable Power Play Slew Rate
- Low External Component Count and Easy to use
- Small Footprint TSON8-3x3 package
- Green Product (RoHS, Lead-Free, Halogen-Free Compliant)

**Applications**

- Motherboards and Graphic Cards
- DC/DC Converters and Regulators

**General Description**

The GS8601 is a programmable high precision voltage console. It features selectable control mode by virtue of the integrated IIC interface. The output voltage can be set by the external circuit, and also can be programmed from 0.6V to 1.875V with 5mV increments by 2-bit parallel VID interface (PVI) or series VID interface (SVI). The GS8601 offers 3 selectable IIC address.

The GS8601 also supports programmable output currents, and thus programmable voltage slew rate. Low external component count and space-saving package ensure the GS8601 easy to use.

**Typical Application**

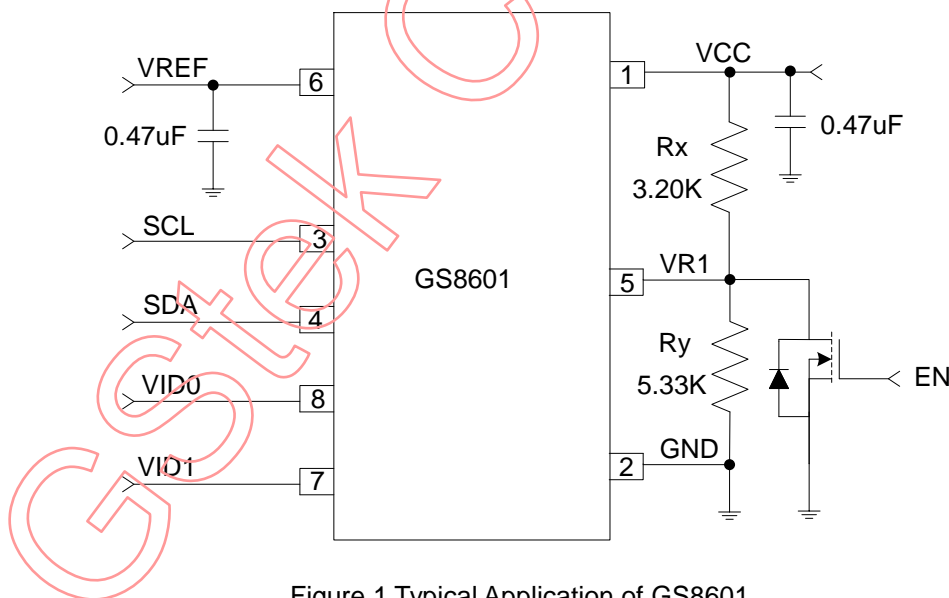


Figure 1 Typical Application of GS8601

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