

Features

- 65V standoff voltage
- Adjusted protection voltage: 1.17V
- Integrated OTP
- Environment Temperature: -40°C~85°C
- Maximum load Current 3A
- Typical equivalent on-resistance 105mΩ
- Input OVP with 0.1us reaction time
- SOT23-5 package

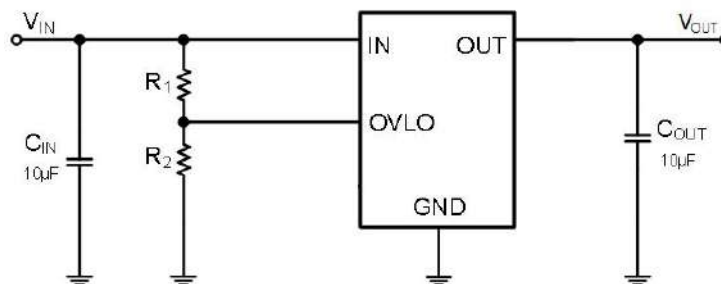
Applications

- All electronic devices with input DC power plug
- E-Cigarette
- Car Camera
- Cellphone

General Description

TCS9365 is a high standoff voltage 65V over voltage protector (OVP) which has a low on resistance, by only change the external connecting. It can be used as an OVP device or a high voltage switch. TCS9365 consists of a charge pump, a configurable power MOSFET, a voltage reference, a gate driver and some logics and protection modules. TCS9365 can react to an input surge very fast and shut off the switch in less than 0.1us. TCS9365 is available in SOT23-5 package.

Typical Application Circuit



Typical application circuit