

36V High Side Over-Voltage Protector

DESCRIPTION

ETA7014 is a high voltage 36V over voltage protector (OVP) which has a very low 35mohm on resistance, by only change the external connecting. It can be used as an OVP device or a high voltage switch.

ETA7014 consists of a charge pump, a configurable power MOSFET, a voltage reference, a gate driver and some logics and protection modules. ETA7014 can react to an input surge very fast and shut off the switch in less than 0.1us and stand the voltage spike as high as 20V.

ETA7014 is in SOT23-6 package.

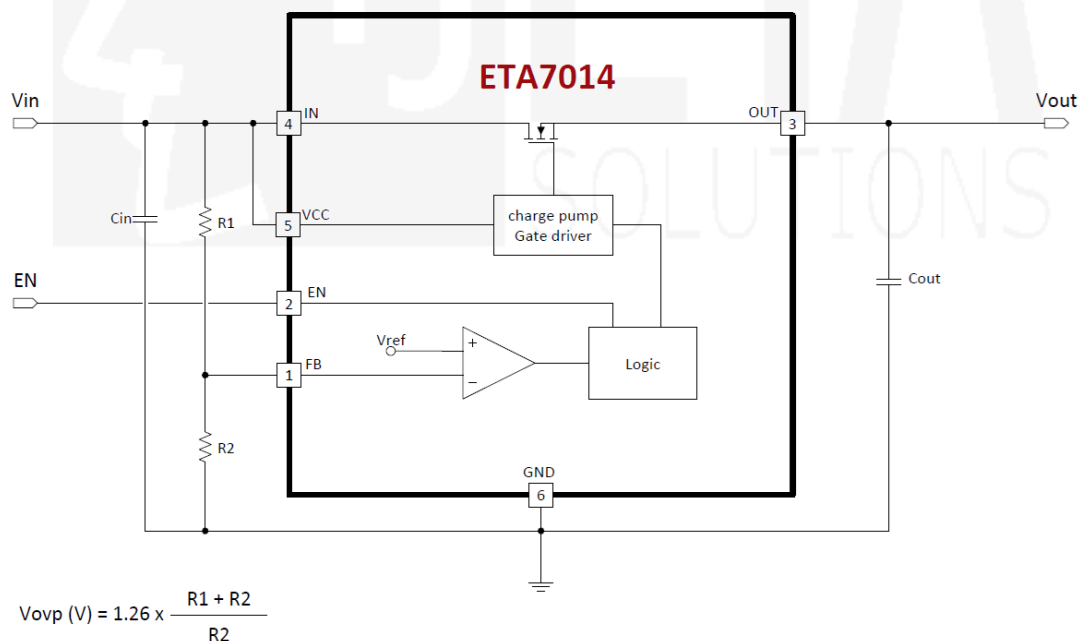
FEATURES

- ◆ 36V standoff voltage
- ◆ 35mohm on resistance
- ◆ Input OVP with 0.1us reaction time
- ◆ Protection voltage programmable by $V_{fb}=1.26V$
- ◆ SCP and OTP
- ◆ Enable pin available for switch on and off

APPLICATIONS

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

TYPICAL APPLICATION



ORDERING INFORMATION

PART	PACKAGE	TOP MARK	Pcs/Reel
ETA7014S2G	SOT23-6	MA YW (YW: date code)	3000