



## Ultra-small Dual 80 mΩ 1.0 A Integrated Power Switch with Discharge

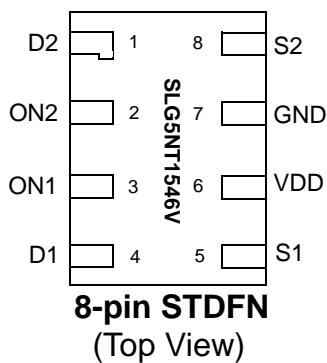
### General Description

The SLG5NT1546V is designed for power switching applications. The part comes with two 80 mΩ 1.0 A rated MOSFETs, each controlled by an ON control pin. Each MOSFET's ramp rate is adjustable depending on the input current level of the ON pin. The product is packaged in an ultra-small 1.6 x 1.0 mm package.

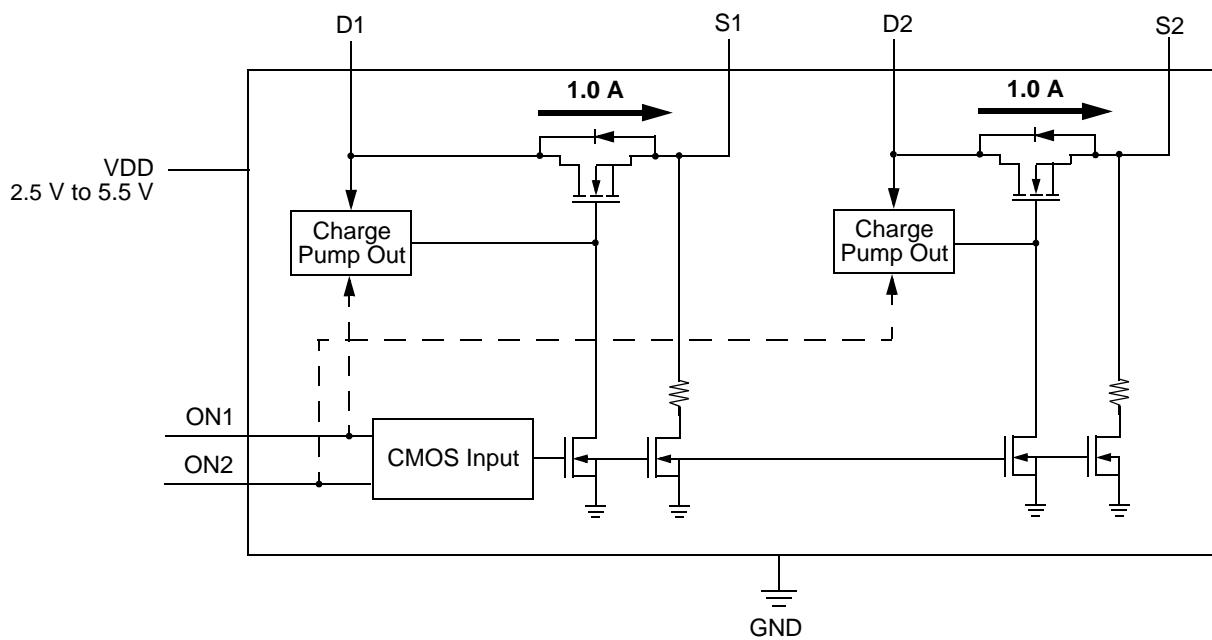
### Features

- Two 80 mΩ 1.0 A MOSFETs
- Two integrated VGS Charge Pumps
- User selectable ramp rate with external resistor
- Protected by thermal shutdown
- Integrated Discharge Resistor
- Pb-Free / Halogen-Free / RoHS compliant
- STDFN 8L, 1.0 x 1.6 mm

### Pin Configuration



### Block Diagram



**Preliminary**









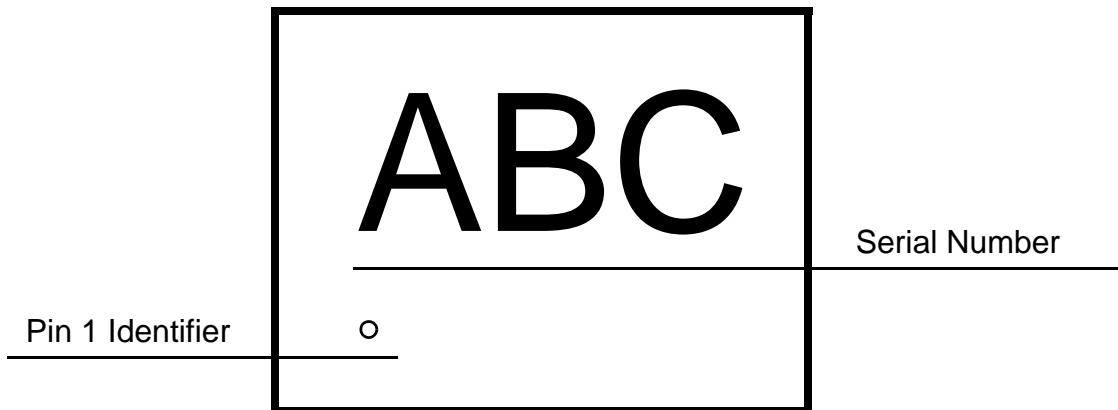


**SILEGO**

**SLG5NT1546V**

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**Package Top Marking System Definition**









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### Revision History

Date	Version	Change
12/4/2015	0.56	Updated Block Diagram
11/20/2015	0.55	Added ESD <sub>CDM</sub> , MSL, and θ <sub>JA</sub> specs