



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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**Features**

- 600V half-bridge high- and low-side gate driver
- Integrated programmable oscillator
- 15.6V voltage clamp on VCC
- Micro-power startup current
- Programmable preheat frequency
- Programmable preheat time
- Programmable run frequency
- Internal frequency dither for EMI reduction
- EOL window comparator and timer
- Fixed dead-time
- Ignition voltage or current limitation
- Integrated non-ZVS protection
- Integrated RDSon over-current protection
- Integrated bootstrap MOSFET
- Excellent latch immunity on all inputs & outputs
- Integrated ESD protection on all pins

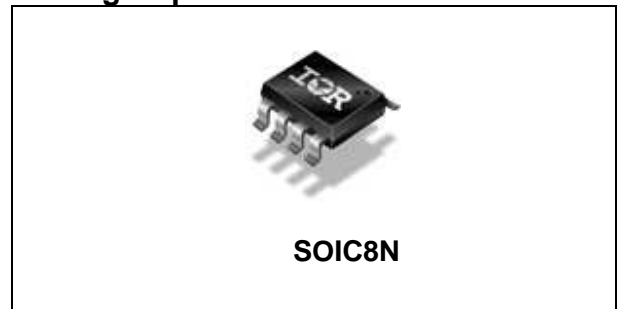
**Typical Application**

- Fluorescent Ballast

**Product Summary**

Topology	Half-Bridge
V <sub>OFFSET</sub>	600V
V <sub>OUT</sub>	VCC
IO+ & IO- (typical)	180mA & 260mA
Dead-time (typical)	1.8µs

**Package Options**



**Typical Application Block Diagram**

