

**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

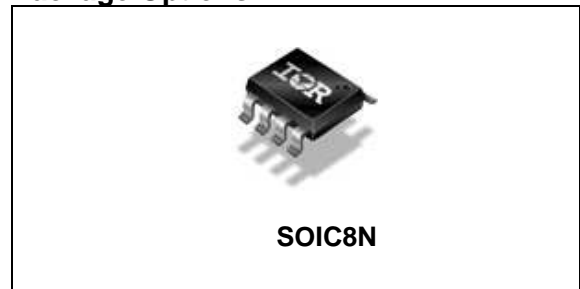
**Typical Application**

- 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**

