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[International Rectifier \(Infineon Technologies Americas Corp.\)
IRS2526DSTRPBF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

International IOR Rectifier

IRS2526DS "MINI-8" BALLAST CONTROLLER IC

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

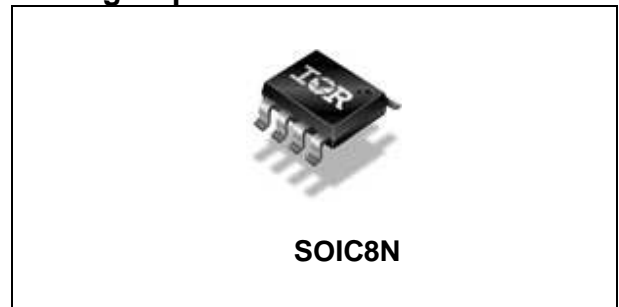
Typical Application

- Fluorescent Ballast

Product Summary

Topology	Half-Bridge
V _{OFFSET}	600V
V _{OUT}	VCC
IO+ & IO- (typical)	180mA & 260mA
Dead-time (typical)	1.8µs

Package Options



Typical Application Block Diagram

