

ELECTRONIC DRIVER FOR TL BALLASTS

DATA BRIEF

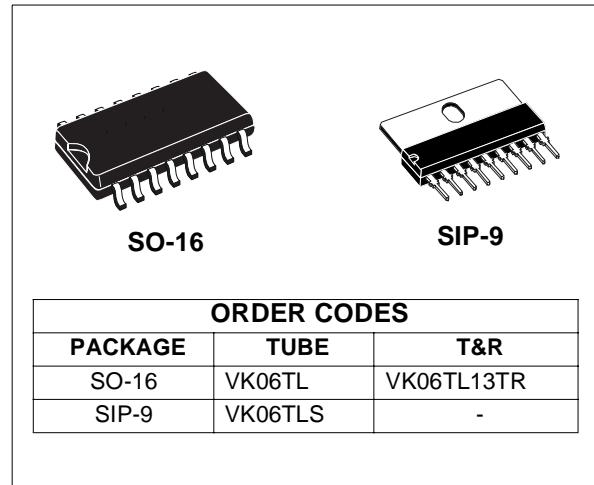
TYPE	B _V	I _{crms}
VK06TL	600 V	0.7 A
VK06TLS		

- Emitter switch power output stage
- Integrated antiparallel collector ground diode
- Accurate (5% precision) t_{ON} control
- Integrated DIAC function
- Integrated preheating function
- Integrated end of life protection
- Integrated thermal protection
- Self-supplied during operation

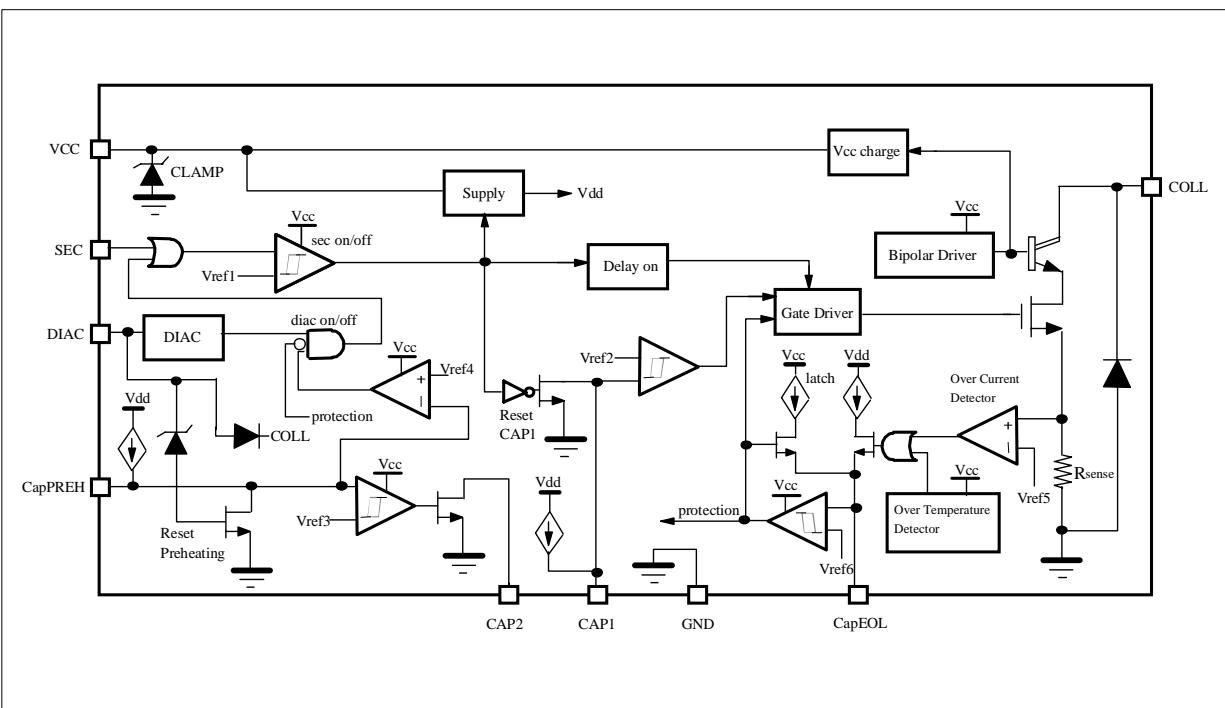
DESCRIPTION

The VK06TL, VK06TLS is a monolithic device made using STMicroelectronics proprietary VIPower M3-3 Technology. A complete half-bridge converter can be realized using two VK06TL devices as low side and high side drivers.

Through some external components it is possible to set the pre-heating frequency, the pre-heating duration, the steady-state frequency and the End of Life (EoL) protection.



BLOCK DIAGRAM



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