



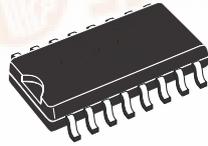
VK06TL VK06TLS

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



SO-16



SIP-9

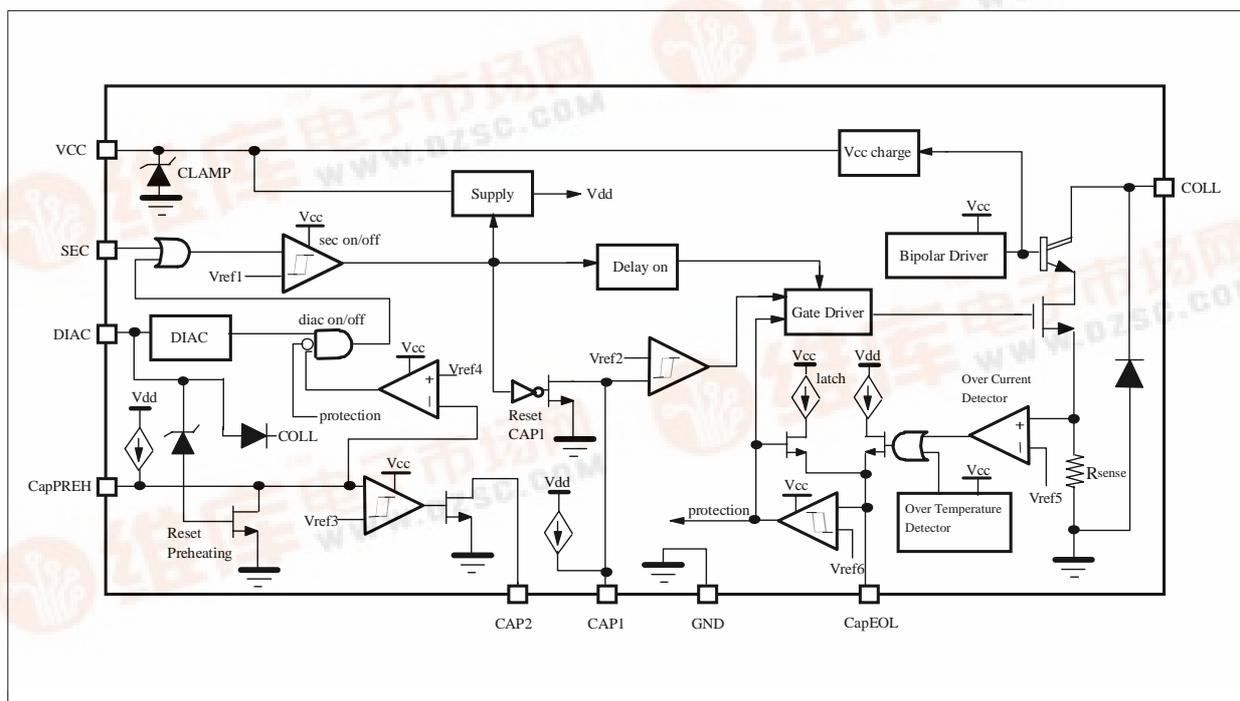
ORDER CODES		
PACKAGE	TUBE	T&R
SO-16	VK06TL	VK06TL13TR
SIP-9	VK06TLS	-

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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