

New Product Release Available Now



Product: LYTSwitch™-6

Flyback CV/CC LED Driver IC for Up to 65 Watts
With Integrated 650 V / 725 V MOSFET and FluxLink™ Feedback



Description:

The LYTSwitch-6 series family of ICs dramatically simplifies the development and manufacturing of off-line LED drivers, particularly those in compact enclosures or with high efficiency requirements. The LYTSwitch-6 architecture is revolutionary in that the devices incorporate both primary and secondary controllers, with sense elements and a safety-rated feedback mechanism into a single IC and an innovative the integrated communication link, FluxLink. The new family provides accurately controls of both output current and voltage providing a solution that can drive both LED strings for conventional lighting and Post regulators for smart lighting from a single design.

Features:

- Highly integrated, compact footprint
- Up to 94% efficient across load range
- Incorporates a multi-mode quasi-resonant (QR) / CCM flyback controller, 650 V or 725 V MOSFET, secondary-side control and synchronous rectification driver
- Integrated FluxLink, HIPOT-isolated, feedback link
- Exceptional CV/CC accuracy, independent of transformer design or external components
- Accurate output current sensing
- Less than 250 mW standby power consumption in typical smart lighting applications – allowing designs that easily meet ENERGY STAR and DOE-6 limits

Applications

- Isolated off-line LED drivers
- Smart LED lighting
- High-voltage flyback post regulator
- Lighting ballasts

Product Specification

PRODUCT	Output Power (Watts)		
	277 VAC ± 15%	85-305VAC	380VDC / 450VDC
	Open Frame	Open Frame	Open Frame
LYT6063C / LYT6073C	15 W	12 W	25 W
LYT6065C / LYT6075C	30 W	25 W	40 W
LYT6067C / LYT6077C	50 W	45 W	60 W
LYT6068C	65 W	55 W	