



THE DATASHEET OF STEVAL-ILL007V1



High intensity LED driver for MR-16 format based on L5973D

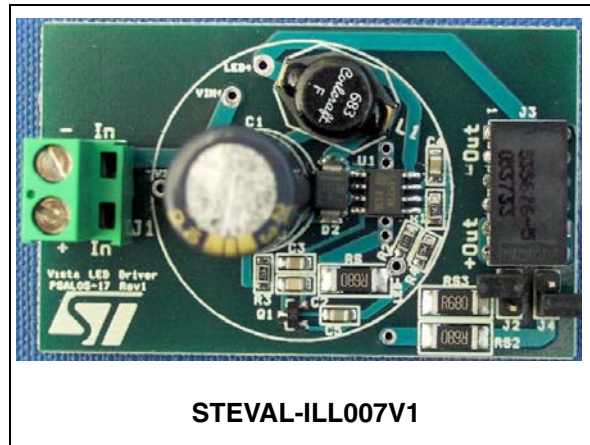
Data Brief

Features

- This evaluation board was designed so that it can be configured to accept several different input voltages
- The most common input voltages are 12 Vac, 12 Vdc (for automotive) and 24 Vdc
- The board also allows the user to select the output current by using jumpers setting only
- The standard configuration of the board includes a full wave bridge rectifier that is required for an AC input

Description

This reference design is a constant current driver for high brightness LEDs. The supply input voltage can be either 12 V AC or DC, and for DC it can range from 6 V to 24 V. It can also be adapted for reverse battery protection in automotive applications. The output is a constant current that can drive a single or multiple LEDs in series at 350 mA, 700 mA or 1.05 A.



2 Revision history

Table 1. Document revision history

Date	Revision	Changes
13-Nov-2007	1	Initial release

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