



# STEVAL-ILL005V1

## VIPer12A-E off line, constant current driver for high intensity LEDs

Data Brief

### Features

- Drives from 1 to 4 LEDs
- Constant current output: 350 mA, 700 mA, 1.05 A (selectable)
- Input voltage range: 90 to 264 VAC 50/60 Hz
- Compliant with EN55022 class B for EMI

### Description

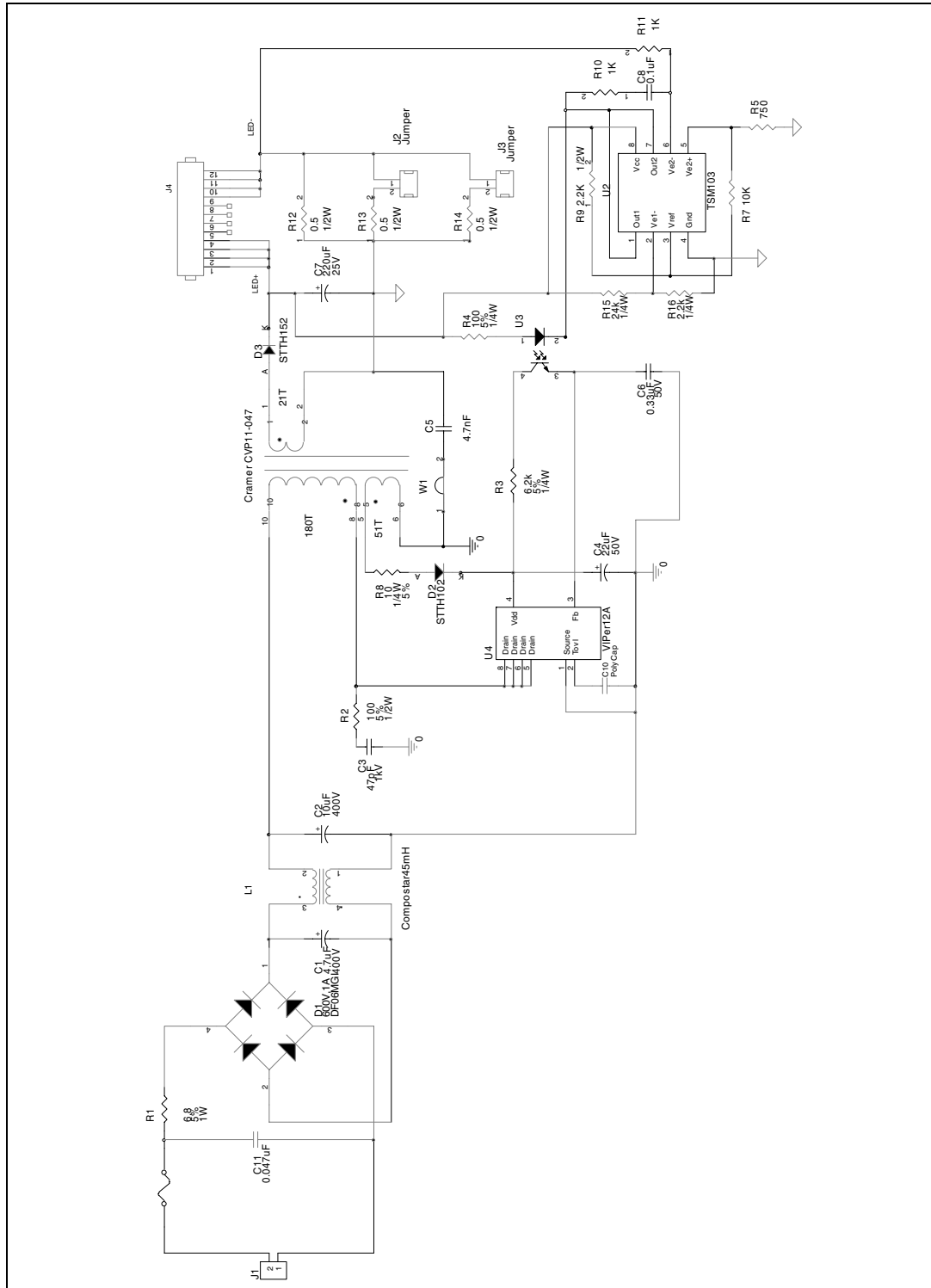
This board represents a low cost, high efficiency, high brightness multiple LED driver based on the integrated off-line switching regulator VIPer12A-E. The board is an off-line, constant current power supply capable of driving from 1 to 4 LEDs in series operating from universal mains input. The output current can be selected for compatibility with 1 W, 3 W and 5 W LEDs with a total output power of up to 6 W.



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## 1

### Figure 1. Schematic



## 2 Revision history

**Table 1. Document revision history**

Date	Revision	Changes
13-Nov-2007	1	Initial release

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