



# STEVAL-ILL006V1

## VIPer22A-E off line, constant current driver for high intensity LEDs

Data Brief

### Features

- Drives from 2 to 8 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

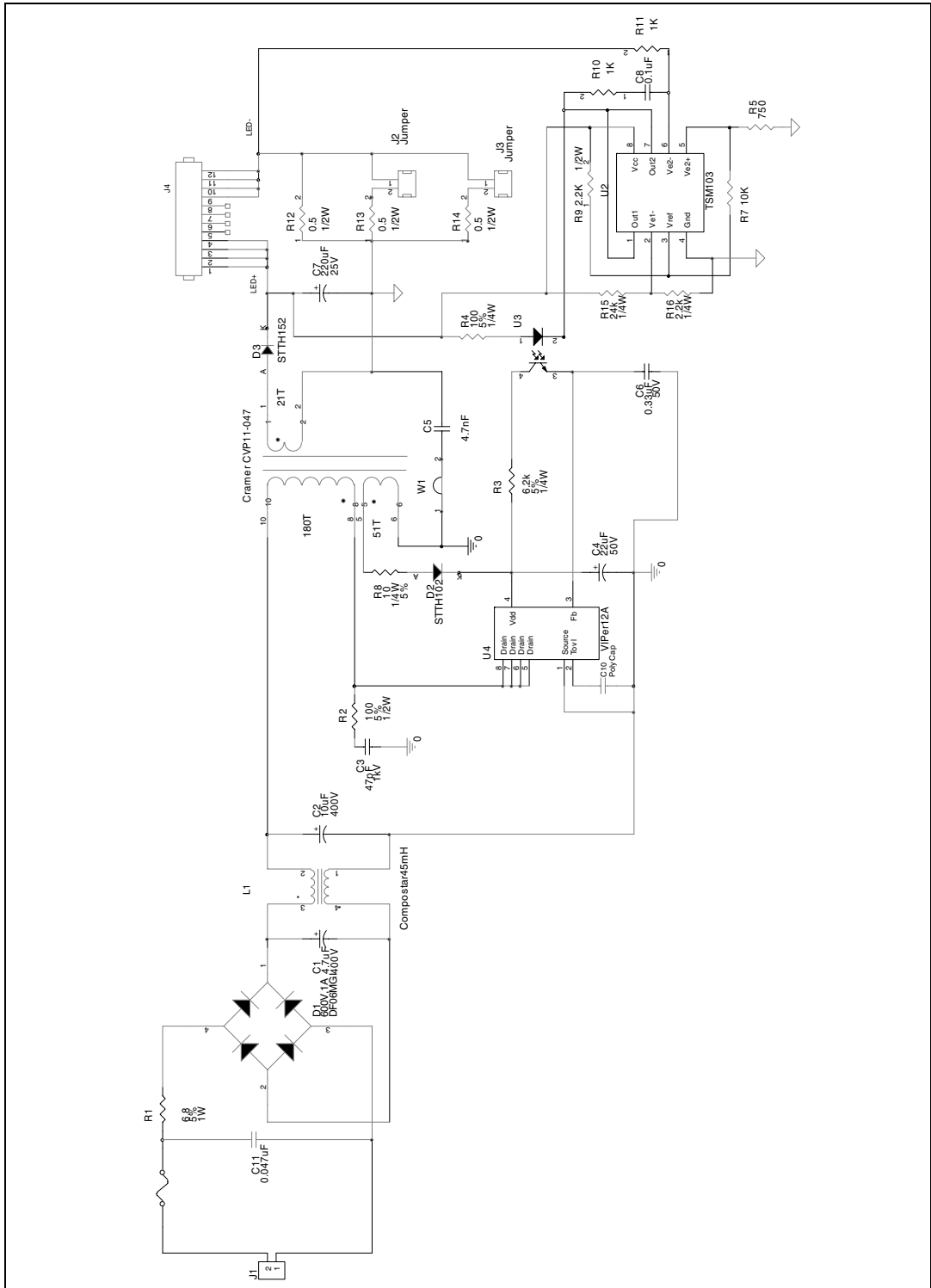
### Description

This board represents a low cost, high efficiency, high brightness multiple LED driver based on the integrated off-line switching regulator VIPer22A-E. The board is an off-line, constant current power supply capable of driving from 2 to 8 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 10 W.



# 1 Board schematic

Figure 1. Schematic



## 2 Revision history

Table 1. Document revision history

| Date        | Revision | Changes         |
|-------------|----------|-----------------|
| 13-Nov-2007 | 1        | Initial release |

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