



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

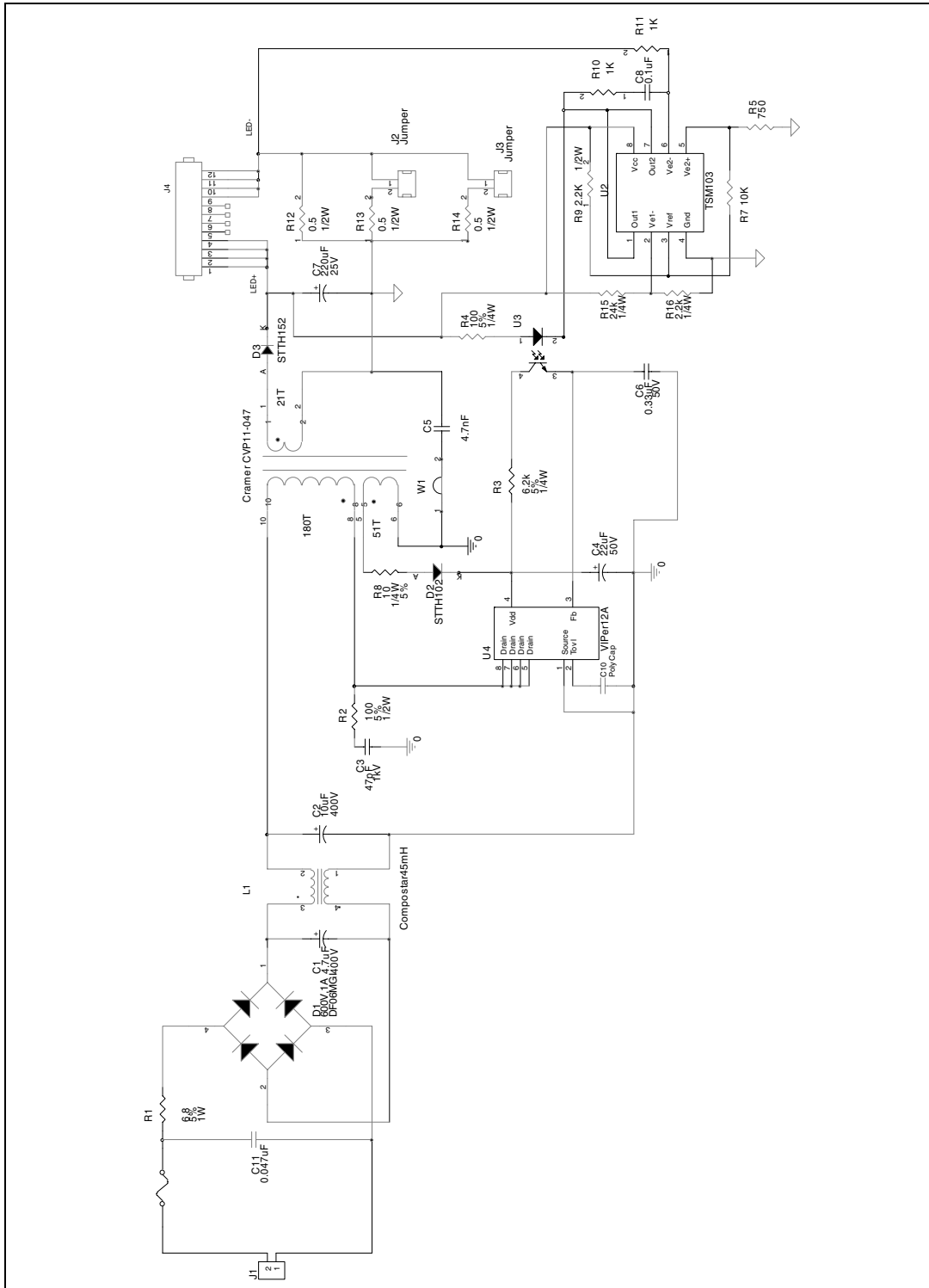
This board represents a low cost, high efficiency, high brightness multiple LED driver based on the integrated off-line switching regulator VIPer12A-E. The board is an off-line, constant current power supply capable of driving from 1 to 4 LEDs in series operating from universal mains input. The output 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 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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