



STEVAL-ILL003V2

High brightness 32-LED evaluation board without diagnostic based on the STP16CP05 LED driver

Data Brief

Features

- 32 LED matrix driven by STP16CP05
- LED current regulation
- Adjustable brightness
- Animated text capability
- Adjustable blinking speed; several blinking modes
- Input voltage ranges from 5 V to 35 V input voltage range
- DC-DC converter for high efficiency

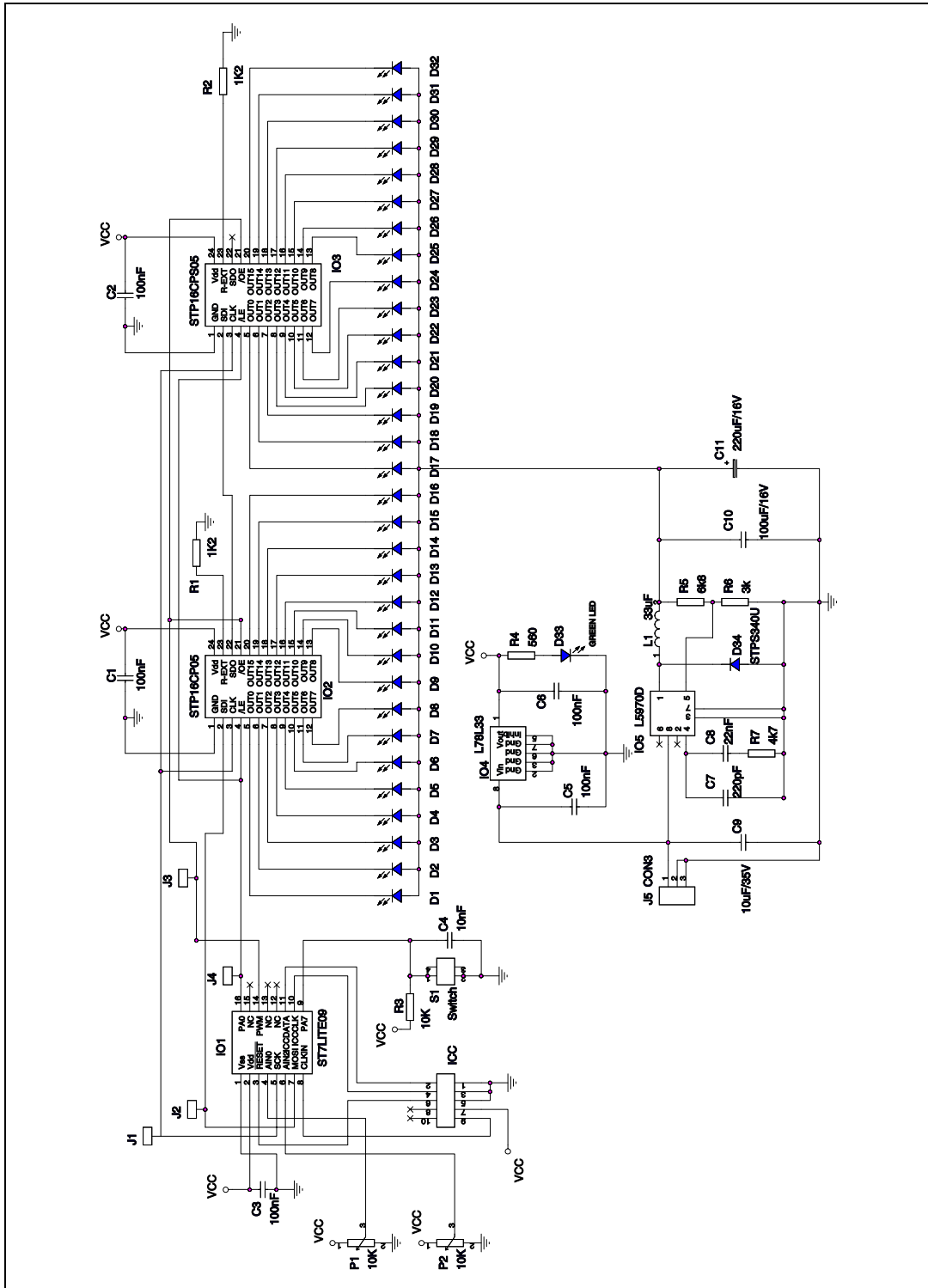


Description

This evaluation board represents a cost effective solution to drive an array of high brightness LEDs, using the LED driver STP16CP05. This driver provides the same constant current for each of its output channels, thus there is no difference in brightness and color between the LEDs.

1 Board schematic

Figure 1. Schematic



2 Revision history

Table 1. Document revision history

Date	Revision	Changes
28-Nov-2007	1	Initial release