

OSRAM Golden DRAGON[®] LEDs board

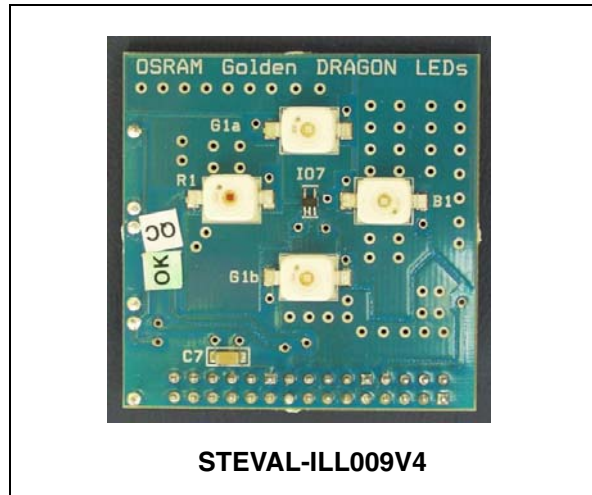
Data Brief

Features

- LED package: white SMT package, colorless clear silicone resin
- Feature of the device: point lightsource with high luminous efficiency and low space
- Grouping parameter: luminous flux wavelength radiant power
- ESD-withstand voltage: up to 2 kV acc. to JESD22-A114-B

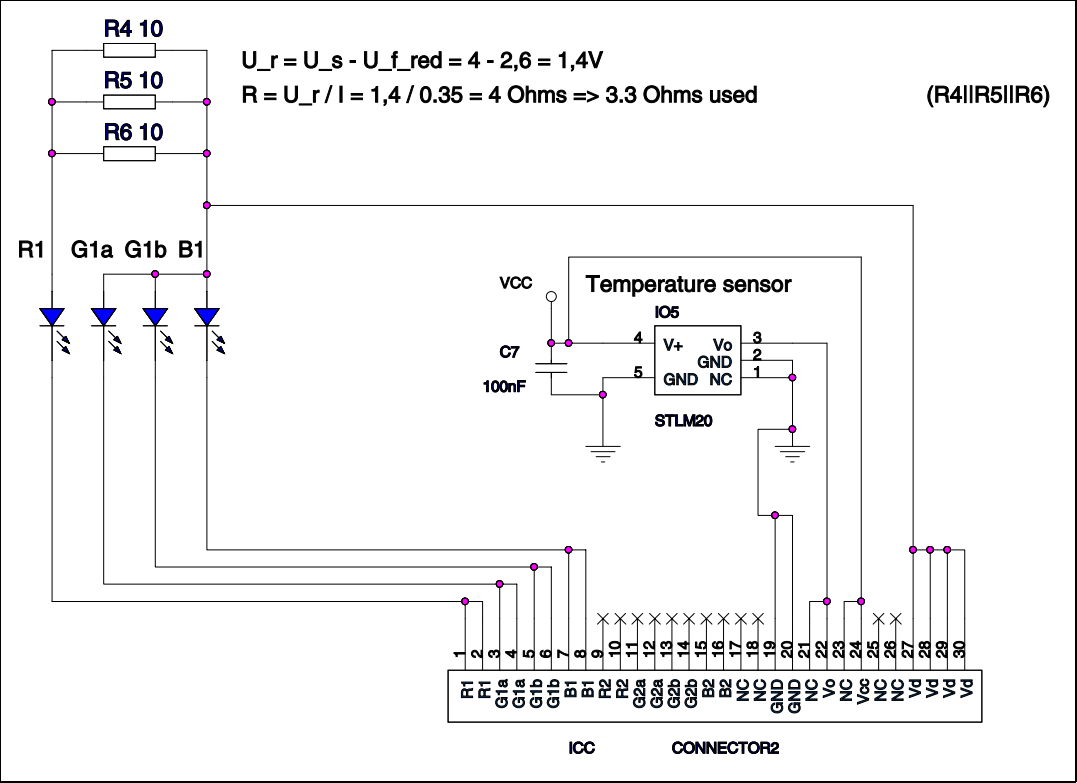
Description

This board is an option to the STEVAL-ILL009V3. As a light source, there are four Golden DRAGON[®] LEDs used with a maximum forward current of 350 mA. The STEVAL-ILL009V1 can drive eight Golden DRAGON[®] LEDs. To demonstrate the driving capability of the STP04CM596, only four LEDs are used on the load board. This means that one STP04CM596 driver is not used. The STLM20 temperature sensor is assembled in the middle of the LEDs to protect against overheating.



1 Board schematic

Figure 1. Schematic



2 Revision history

Table 1. Document revision history

Date	Revision	Changes
20-Nov-2007	1	Initial release

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