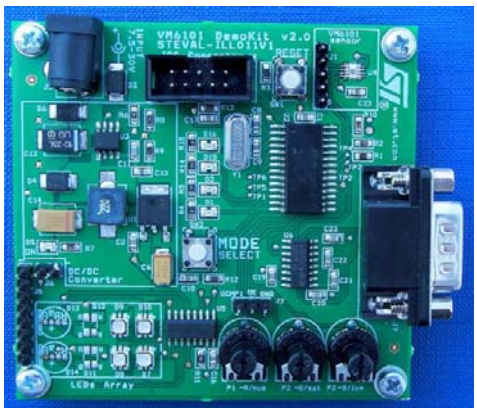
STEVAL-ILL011V1

RGB color control board based on ST72264G2 and STP08C596A for LCD backlighting

Data Brief

Features

- RS232 interface
- Manual color setting
- 7.5 to 30 V power supply
- LED mode indicator



STEVAL-ILL011V1

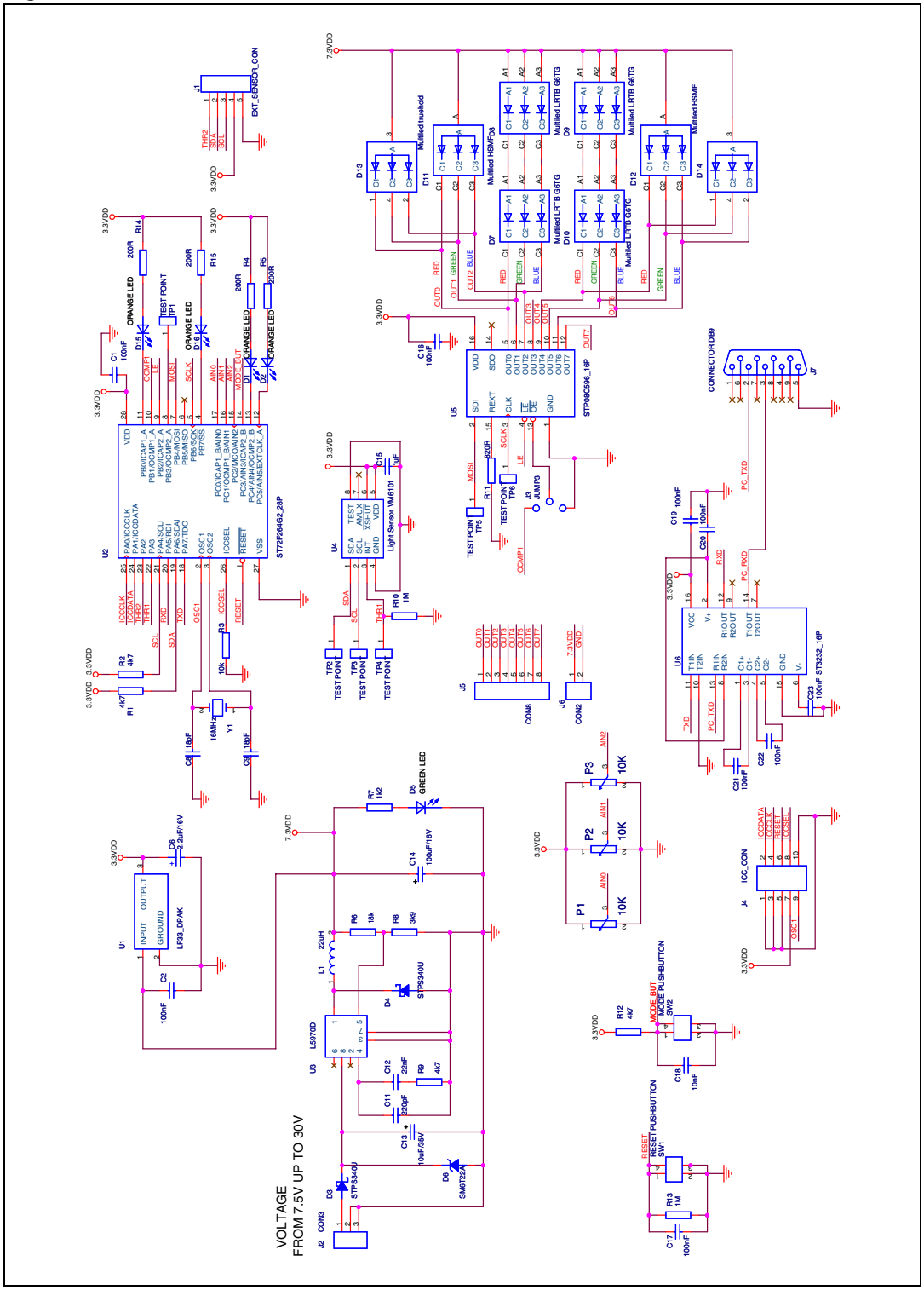
Description

The STEVAL-ILL011V1 evaluation board is based on the ST72F264G2 microcontroller which processes the ambient light color information detected by the VM6101 ambient light sensor, and reproduces the color using the STP8C596A RGB LED driver. The evaluation kit software enables operation in six different light-sensing modes, including a power-saving mode where the backlight intensity adapts to the ambient light level.

For further information contact your local STMicroelectronics sales office. www.st.com

1 Board schematic

Figure 1. Schematic



2 Revision history

Table 1. Document revision history

Date	Revision	Changes
23-Nov-2007	1	Initial release

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