



STEVAL-CCM004V1

TFT LCD panel controller board for the STM3220G-EVAL

Data brief

Features

- Direct RGB signal driving using the STM32 without on-chip controller requirements
- STM3220G-EVAL based plug-in daughterboard for feature extensibility
- Ready-to-use graphic library APIs for easy GUI design
- Real-time camera image streaming to showcase driver performance
- Onboard constant current drive circuit for an LED based TFT-LCD backlight
- Static image display with refresh rate of 60 frames per second
- RoHS compliant



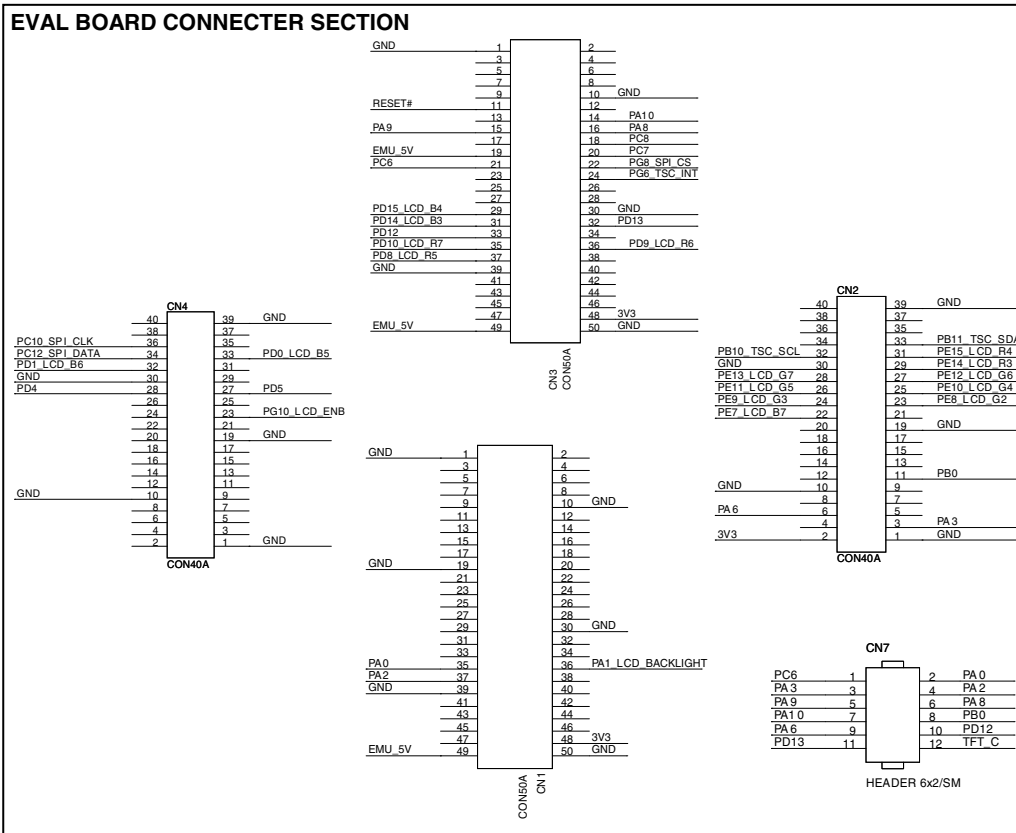
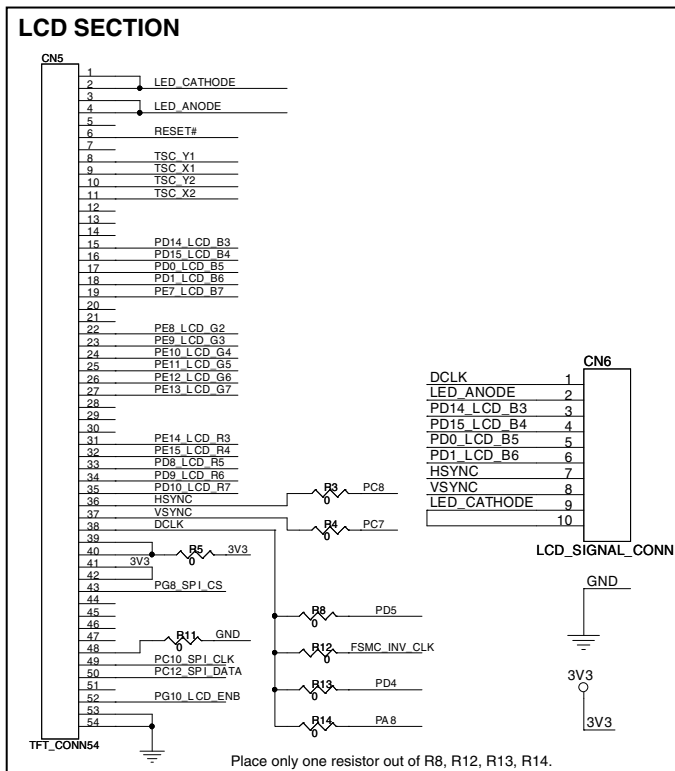
Description

The STEVAL-CCM004V1 TFT-LCD panel controller is designed to be connected to the STM3220G-EVAL evaluation kit to demonstrate the capabilities of the STM32F2x high performance flexible static memory interface (FSMC) for a driving TFT-LCD.

The 3.5" QVGA resolution TFT-LCD panel is interfaced with the STM32 FSMC peripheral.

Figure 2. STEVAL-CCM004V1 schematic (part 2)

AM12390v1



2 Revision history

Table 1. Document revision history

Date	Revision	Changes
06-Jul-2012	1	Initial release.

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