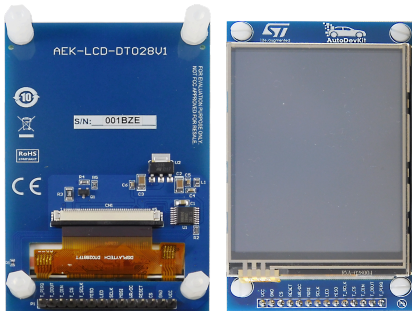


Display expansion board with resistive touch for Chorus family



Features

- 2.8 "(240x320 pixel) TFT SPI LCD with resistive touch managed by an SPI touch screen controller available on the board
- PCB header connector interfacing with SPC5 MCU discovery boards
- 3.3V LDO voltage regulator for I/O signals
- 53 mm x 87 mm
- WEEE and RoHS compliant

Description

The **AEK-LCD-DT028V1** evaluation board hosts a 2.8" LCD display with resistive touch for a graphical user interface (GUI) which interacts with SPC5 MCU discovery boards.

The TFT SPI LCD display has a resolution of 240x320 pixels and features resistive touch managed by an on-board SPI touch screen controller.

Product summary

2.8" LCD display and resistive touch for Graphical User Interface	AEK-LCD-DT028V1
AutoDevKit library plugin for SPC5-STUDIO	STSW-AUTODEVKIT
Code Generator, Quick resources configurator and Eclipse development environment for SPC5 MCUs	SPC5-STUDIO
Applications	Motor Control

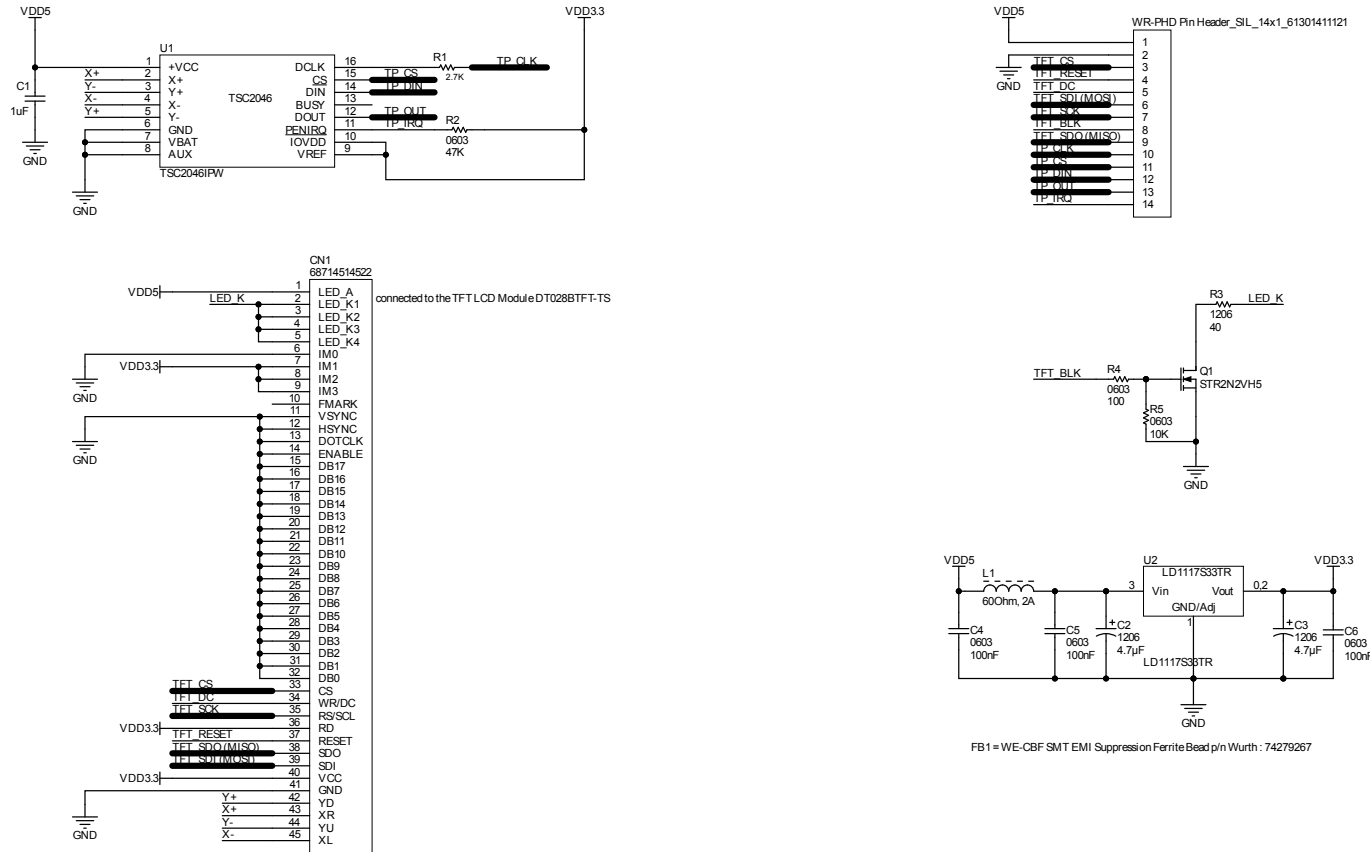
1 Block diagram

Figure 1. AEK-LCD-DT028V1 block diagram



2 Schematic diagrams

Figure 2. AEK-LCD-DT028V1 circuit schematic



Revision history

Table 1. Document revision history

Date	Revision	Changes
04-Aug-2021	1	Initial release.