



Spansion® FM4 Graphics Controller MCU Starter Kit

The Spansion® S6E2DH series graphics controller MCU starter kit provides an easy to use, cost-effective solution to evaluate an ARM® Cortex®-M4 based microcontroller that incorporates a dedicated hardware graphics engine allowing rich display images. The board comes complete with WQVGA TFT display with a touch sensor and on-board CMSIS-DAP enabling the user to connect directly to a PC and begin development. In addition to the evaluation board, the Spansion solution includes a free-of-charge graphics authoring tool and low-level libraries for the graphics engine.

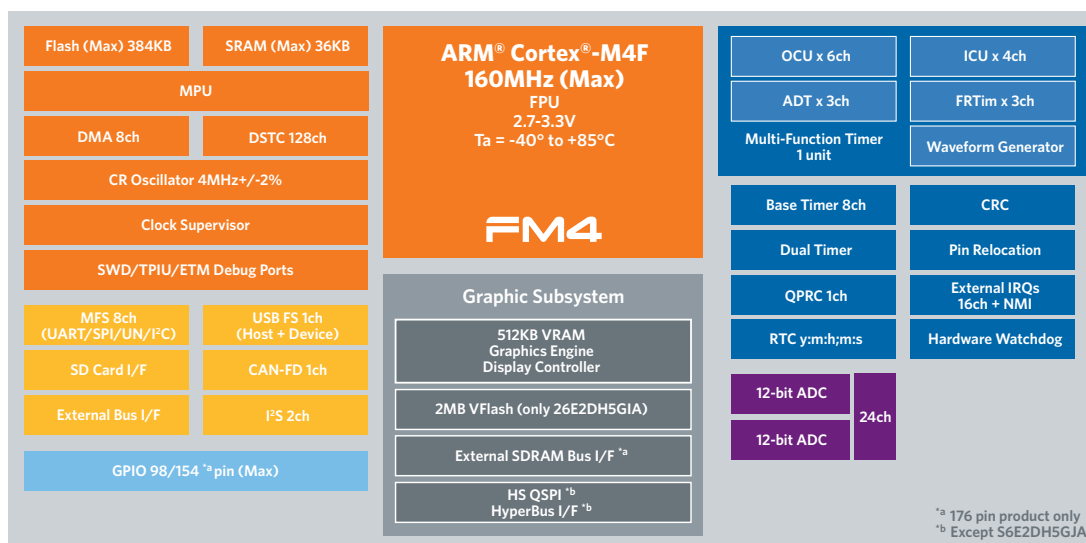
Spansion's S6E2DH MCU is ideal for embedded applications with TFT displays such as home appliances, multi-function printers, industrial equipment, electronic musical instruments and security systems.

FEATURES

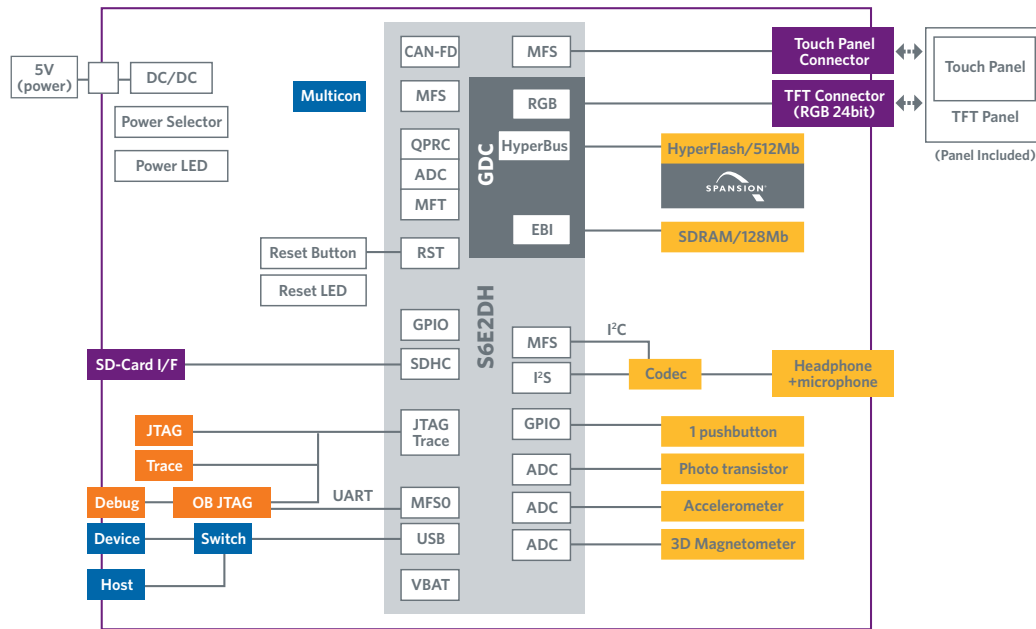
- Spansion FM4 S6E2DH MCU
- CMSIS-DAP JTAG adapter
- USB-Device (Type-B connector)
- WQVGA TFT Panel with touch
- 512MB Spansion HyperFlash™ memory for image storage
- 128MB SDRAM for external VRAM
- I²S connection to codec
- SD card interface

Order number: SK-FM4-S6E2DH-TFT

MCU BLOCK DIAGRAM / FEATURES



STARTER KIT BLOCK DIAGRAM

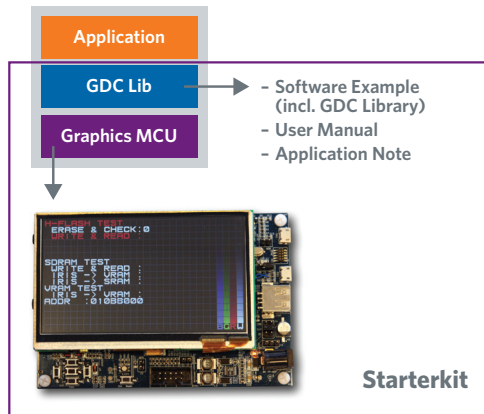


DEVELOPMENT ENVIRONMENT / EVALUATION BOARD

Graphics Software Development environment

Development Tools
ARM (KEIL) / IAR SYSTEMS

GDC Software Architecture



Note: This document may be revised by subsequent versions or modifications due to changes in technical specifications.

Spansion: 915 DeGuigne Drive, PO Box 3453, Sunnyvale, CA 94088-3453 USA
+1 (408) 962-2500 | 1 866 SPANSION | www.spansion.com

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