

Stellaris® Flash and SRAM Memory Expansion Board for Development Kits

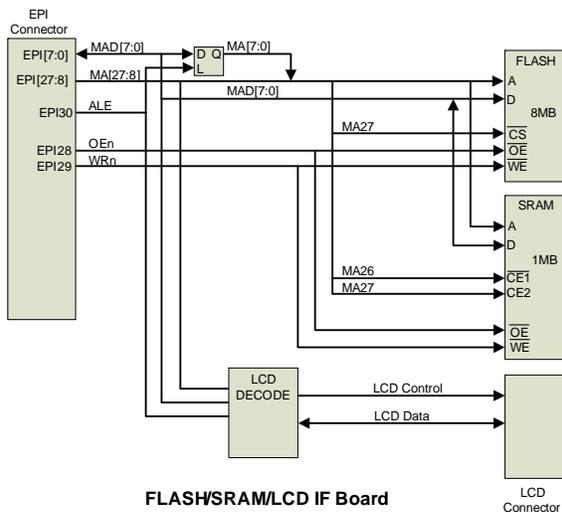
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The Stellaris® Flash and SRAM Memory Expansion Board (DK-LM3S9B96-FS8) from Texas Instruments is an optional memory expansion board for the Stellaris DK-LM3S9B96 and DK-LM3S9D96 development boards (each sold separately). This memory expansion board is designed to connect directly to the External Peripheral Interface (EPI) port of the Stellaris LM3S9B96 or LM3S9D96 microcontroller and provides external Flash memory, SRAM memory, and a Liquid Crystal Display (LCD) controller interface in addition to demonstrating ease-of-use in connecting multiple external memories and peripherals via the Stellaris MCU's flexible EPI configured in Host Bus 8 address/data multiplexed mode.

The DK-LM3S9B96 and DK-LM3S9D96 development boards (each sold separately) provide a complete platform for evaluating the LM3S9000 series of Stellaris microcontrollers, featuring extensive connectivity options such as 10/100 Ethernet, Controller Area Network (CAN), Universal Serial Bus (USB) Full Speed On-The-Go, and Inter-IC Sound (I²S). The Flash and SRAM memory expansion board quickstart application displays JPEG images from the board's Flash and SRAM to the DK-LM3S9x96's 3.5-inch color VGA LCD touchscreen display.

Features



The Flash and SRAM memory expansion board has the following features:

- 8 Megabytes of Flash memory

- 1 Megabyte of SRAM
- Memory mapped LCD I/F for improved LCD performance
- 1 kilobit of I²C memory for storing configuration data
- Power LED indicator



Package Contents

Along with a DK-LM3S9B96 or DK-LM3S9D96 Development Kit, the Stellaris® Flash and SRAM Memory Expansion Board provides the tools engineers need to develop and prototype embedded applications right out of the box including:

- Stellaris® DK-LM3S9B96-FS8 memory expansion board
- Snap-in nylon board standoffs

Ordering Information

Product Number	Description
DK-LM3S9B96-FS8	Stellaris® Flash and SRAM Memory Expansion Board for Development Kits

The DK-LM3S9B96-FS8 works with either of these two Stellaris Development Kits (each sold separately)

DK-LM3S9B96	Stellaris® LM3S9B96 Microcontroller Development Kit (Tempest class)
DK-LM3S9D96	Stellaris® LM3S9D96 Microcontroller Development Kit (Firestorm class)

Texas Instruments • 108 Wild Basin, Suite 350 • Austin, TX 78746
www.ti.com/stellaris

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Mailing Address: Texas Instruments, Post Office Box 655303, Dallas, Texas 75265
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