



Stellaris® LM3S6965 Ethernet Evaluation Kit

The Stellaris® LM3S6965 Ethernet Evaluation Kit is a compact and versatile evaluation platform for the Stellaris LM3S6965 ARM® Cortex™-M3-based microcontroller. The evaluation kit uses the LM3S6965 microcontroller's fully integrated 10/100 Ethernet controller to demonstrate an embedded web server.

Features

The LM3S6965 evaluation board can be used as an evaluation platform or as a low-cost in-circuit debug interface (ICDI). In debug interface mode, the on-board microcontroller is bypassed, allowing connection of the debug signals to an external target. The kit is also compatible with high-performance external JTAG debuggers.

This evaluation kit enables quick evaluation, prototype development, and creation of application-specific designs for Ethernet networks. The kit also includes extensive source-code examples, allowing you to start building C-code applications quickly.

The evaluation kit includes the following features:

- Stellaris LM3S6965 microcontroller with fully-integrated 10/100 embedded Ethernet controller
- Simple setup: USB cable provides serial communication, debugging, and power
- OLED graphics display
- User LED, navigation switches, and select pushbuttons
- Magnetic speaker
- LM3S6965 I/O available on labeled break-out pads
- Standard ARM® 20-pin JTAG debug connector with input and output modes
- USB interface for debugging and power supply
- MicroSD card slot

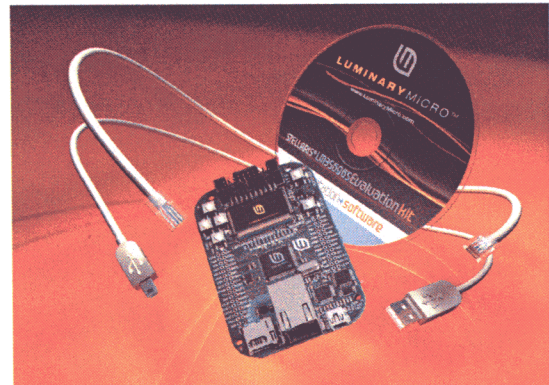
Kit Contents

The evaluation kit contains everything needed to develop and run applications for Stellaris microcontrollers including:

- LM3S6965 evaluation board (EVB)
- Retracting Ethernet cable, USB cable, and 20-pin JTAG/SWD cable

■ CD containing:

- Complete documentation
- Evaluation version of the software tools
- Quickstart guide and source code
- Stellaris Peripheral Driver Library and example source code
- An evaluation version of one of the following:
 - Keil™ RealView® Microcontroller Development Kit (MDK-ARM)
 - IAR Embedded Workbench
 - Code Sourcery GCC development tools



Ordering Information

Product Number	Description
EKK-LM3S6965	Stellaris LM3S6965 Ethernet Evaluation Kit for Keil™ RealView® MDK-ARM (16 KB code-size limited)
EKI-LM3S6965	Stellaris LM3S6965 Ethernet Evaluation Kit for IAR Systems Embedded Workbench® (32 KB code-size limited)
EKC-LM3S6965	Stellaris LM3S6965 Ethernet Evaluation Kit for CodeSourcery G++ GNU (30-day limited)

Luminary Micro, Inc. • 108 Wild Basin, Suite 350 • Austin, TX 78746
Main: +1-512-279-8800 • Fax: +1-512-279-8879 • <http://www.luminarymicro.com> • sales@luminarymicro.com

Copyright © 2007 Luminary Micro, Inc. All rights reserved. Stellaris is a registered trademark and Luminary Micro and the Luminary Micro logo are trademarks of Luminary Micro, Inc. or its subsidiaries in the United States and other countries. ARM and Thumb are registered trademarks, and Cortex is a trademark of ARM Limited. Other names and brands may be claimed as the property of others.

