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

Ordering Information

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