DEMO9S12XEP100

Demo Board for Freescale MC9S12XEP100



Together with CodeWarrior™, the Demo Board provides you with everything you need to write, compile, download, in-circuit emulate and debug user code. Full-speed program execution allows you to perform hardware and software testing in real time. The Demo Board is connected to the host PC through a USB port.

The DEMO9S12XEP100 Demo Board offers you the following benefits:

- MC9S12XEP100 MCU working at 5.0 V;
- Real-time code execution;
- In-circuit debugging;
- In-system programming and debugging through a BDM-compatible interface;
- Two push-buttons, a potentiometer, a photo sensor, four user LEDs and four DIP-switches;
- One CAN connector with one CAN transceiver;
- Two LIN connectors with one LIN transceiver;
- One RS-232 port with one RS-232 transceiver;
- CodeWarrior[™] Development Studio Special Edition (the same user interface of all Freescale tools), with editor, assembler, C compiler and debugger.







Demo Board Features

- 112-Pin LQFP MC9S12XEP100 Microcontroller;
- Selectable 4 MHz Crystal and a provision for an Oscillator Module (Socketed);
- Built-In USB to BDM Interface for In-Circuit Debuaaina:
- Provision for a BDM Connector for External In-Circuit Debugging;
- Header Connectors with All Microcontroller Signals;
- One CAN Connector with Transceiver;
- Two LIN Connectors with one Transceiver:
- One RS-232 Connector with Transceiver;
- Four User LFDs:
- Four DIP-Switches;
- Potentiometer for Analog Input;
- Light Sensor;
- Two Push-Buttons;
- Reset Push-Button;

Package Contents

The DEMOOS 12XEP100 package includes the following items:

- DEMO9S12XEP100 Demo Board;
- A USB cable;
- A LIN cable;
- CodeWarrior™ Development Studio Special Edition CD-ROM;
- SofTec Microsystems "System Software" CD-ROM;
- "Quick Start Guide" sheet;
- Printed user's manual

Order Code

DEMO9S12XEP100

More information and online ordering at www.freescale.com