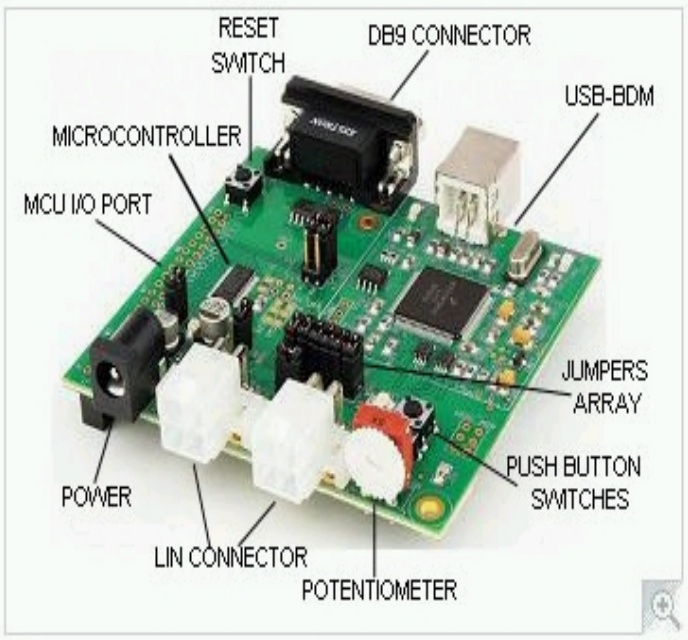
DEMO9S08SG32: Demonstration board for the MC9S08SG32

Overview | Documentation | Downloads | Buy / Specifications | Training & Support

Buy

The DEMO9S08SH32/SG32 is a demonstration board for the MC9S08SH and MC9S08SG microcontrollers. Application development is quick and easy with the integrated USB-BDM, sample software tools, and examples. An optional BDM_PORT port is also provided to allow use of a BDM_PORT cable. Two, 40-pin connectors provide access to all IO signals on the target MCU.



Features

- MC9S08SH32/SG32, 28 TSSOP
  - 32K Bytes Flash
  - 1K Bytes RAM
  - 512K Bytes EEPROM
  - Internal Oscillator
- Integrated P&E USB-BDM
- BDM_PORT header for BDM cable support (not installed)
- LIN PHY w/ 2, 4-pos Molex connectors
- MCU_PORT socket headers for access to
- MCU IO signals
- On-board +5V regulator
- Optional Power from USB-BDM or MCU_PORT connector
- Power Input Selection Jumpers
  - Power input from USB-BDM
  - Power input from on-board regulator
  - Power input from Connector J1
  - Optional Power output through Connector J1
- User Components Provided
  - 3 Push Switches; 2 User, 1 Reset
  - 7 LED Indicators; 2 User, VDD, USB Power, USB Power Out
  - 5K ohm POTs w /LP Filter
  - Light Sensor w/ LP Filter and Op Amp
- Connectors
  - 40-pin MCU I/O Connector
  - 2.0mm Barrel Connector
  - BDM_PORT (not installed)
  - USB Connector
  - DB9 Connector

Related Software and Tools

DEMO9S08SG8: Demonstration board for the MC9S08SG8/4
CW-MICROCONTROLLERS: CodeWarrior for Microcontrollers (Classic IDE) - RS08/HC(S)08, ColdFire V1
USBMULTILINKBDM: USB S08/HCS12 BDM Multilink - In-Circuit Debugger/Programmer

More ▼

Supported Devices

⊞ S08 5.5V MCUs

Featured Documentation

DEMO9S08SG32UG: DEMO9S08SG32 User Guide
DEMO9S08SG32QSG: DEMO9S08SH32/SG32 - Quick Reference Guide

Current Updates and Releases

UMultilink: Universal Multilink Development Interface

Kit Contains

- DEMO9S08SG8 Board AXM-0398-SG8
- DEMO9S08SH8/SG8 User Manual
- USB Cable
- Support CD for AXIOM S08/HC08 Series
- Resource CD
- Quick Start Guide
- CodeWarriorTM for S08
- Warranty Card
- Packing List

Featured Video

8-bit S08SG functions at 150°C (2:25 min)

© 2004-2013 Freescale Semiconductor, Inc. All rights reserved.

See what other engineers are interested in: What's This?

Products
S08SG: 8-bit Small Package SG ...
S08SH: 8-bit General Purpose S...
S08D: 8-bit Cost-Effective wit...

Documentation
DEMO9S08SG32 User Guide
DEMO9S08SH32/SG32 - Quick Refe...
MC9S08SG16 - Data Sheet

Software and Tools
DEMO9S08SG8: Demonstration boa...
DEMO9S08SH: S08SH Family Demon...
USBMULTILINKBDM: USB S08/HCS12...

Applications
Doors, Window Lift and Se...

More

Downloaded from Arrow.com.