

DEMO9S08SG8: Demonstration board for the MC9S08SG8/4 [☆](#)

Overview	Documentation	Buy / Specifications	Training & Support
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The DEMO9S08SH8/SG8 is a demonstration board for the MC9S08SH and MC9S08SG microcontrollers. Application development is quick and easy with the integrated USB-BDM, sample software tool, 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 I/O signal on the target MCU.

Features

- S08SH8, 20PDIP
 - 8K Bytes Flash
 - 512 Bytes RAM
 - Internal Oscillator
- Integrated P&E USB-BDM
- BDM_PORT header for BDM cable support (not installed)
- MCU_PORT socket header for access to MCU IO signals
- On-board +5V regulator
- Optional power from USB-BDM or MCU_PORT connector
- 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

[DEMO9S08SG32](#): Demonstration board for the MC9S08SG32
[CW-MICROCONTROLLERS](#): CodeWarrior for Microcontrollers (Classic IDE) - RS08/HC(S)08, ColdFire V1
[USBMULTILINKBDM](#): USB S08/HCS12 BDM Multilink - In-Circuit Debugger/Programmer

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Featured Video



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