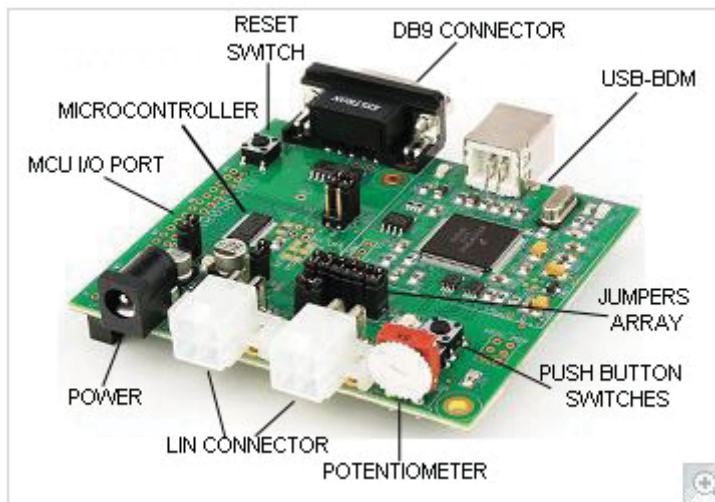




P/N DEMO9S08SG32AUTO

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
