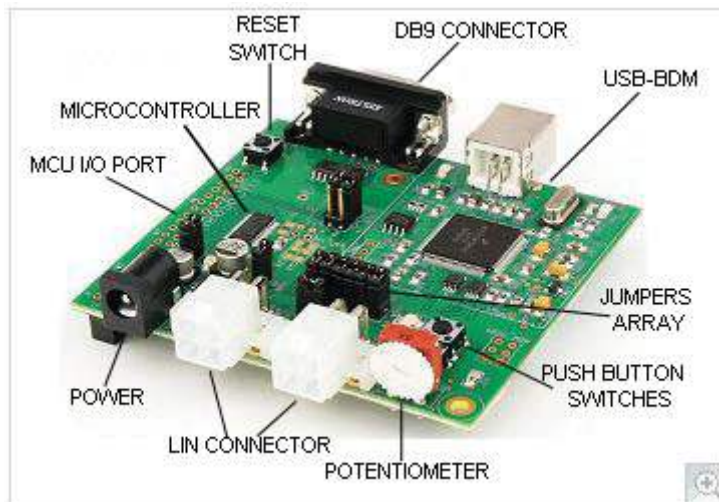![freescale semiconductor logo]

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