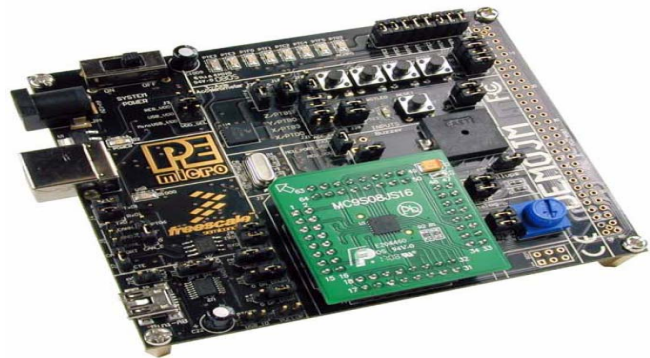




Freescale - DEMO9S08JS16 - DEMO9S08JS16 Demo Kit

Product Overview:

The Freescale DEMO9S08JS16 is a cost-effective demonstration kit enabling quick MC9S08JS16 evaluation. The kit includes a DEMOJM base board and a DC9S08JS16 daughter card and can be used to demonstrate the features of the MC9S08JS16 device, starting with the on-chip USB 2.0 full-speed device controller and transceiver. Built-in USB-BDM circuitry is available for debugging and programming, serial communication and simple logic analyzer.



Kit Contents:

The DEMO9S08JS16 kit contains the hardware and Labs document essentials you will need to use it. The items in the DEMO and their use are as follows.

- DEMOJM Base Board with a DC9S08JS16 Daughter Card installed
- Getting Started DVD - Getting started with the series of microcontrollers
- USB A-to-B Cable
- Mini-AB USB Kit
- Quick Start Guide
- Freescale Warranty Card

Key Features:

- On-board Logic Analyzer
- On-board Virtual Serial Port
- Four (4) asymmetrically positioned 8x2 male connectors for interchangeable daughter cards
- P&E's Embedded Multilink circuitry populated on the underside

Ordering Information:

Products:

Part Number	Manufacturer	Farnell P/N	Newark P/N
DEMO9S08JS16	Freescale	1704520	40P4104

Associated Products:

Part Number	Manufacturer	Description	Farnell P/N	Newark P/N
DC90S08JS16	Freescale	DC90S08JS16 Module for DEMOJS	NA	26R2642
SPC4800	SPC Technology	USB 2.0 Cable Assembly	4556604	83K3790
SPC19944	SPC Technology	Shielded Serial Cable Assembly	1702769	83K3689
CWA-STANDARD-N	Freescale	Software, suite licence, c/w, standard	1750496	26R5712
USBMULTILINKBDME	Freescale	In-Circuit Emulator, Debugger and Programmer for HCS08, HC(S)12(X), RS08, and ColdFire V1	1165943	83K3802
MMA7260QT	Freescale	Acceleration Sensor IC	1457139	01M6018
SN74LVC2G125DCUR	TI	Logic - Buffer IC	1287415RL	76C4200
M68CYCLONEPROE	Freescale	Cyclone Pro Universal Standalone In-Circuit Debugger/Programmer	1579766	01M6114

Similar Products:

Part Number	Manufacturer	Description	Support Device	Farnell P/N	Newark P/N
DEMO9S08JM16	Freescale	MC9S08JM16 Demonstration board	MC9S08JM16	NA	12N5740
DEMO9S08LL16	Freescale	S08LL Demonstration Board	MC9S08LL16	NA	40P4105
DEMO9S08SH32	Freescale	MC9S08SH16, MC9S08SH32 Demonstration board	MC9S08SH16 MC9S08SH32	NA	69M1818

Document List:

Datasheets:

Part Number	Description	Size
MMA7260QT	±1.5g - 6g Three Axis Low-g	194KB
AS1117	AS1117 800mA Low Dropout Regulator	76.9KB
MC9S08JS16	MC9S08JS16 Series microcontroller	2.5MB
SN74LVC2G125	SN74LVC2G125 Dual Bus Buffer Gate Datasheet	344KB

Application Notes:

File Name	Size
DEMO9S08JS16 Lab tutorial	188KB
Getting Started with Freescale Development Tools Brochure	999KB
Medical Applications USB Stack	3.38MB
Thermostat Reference Design Using the MC9S08LL16	816KB
USB Bootloader GUI User's Guide	968KB

Hardware & Software:

File Name	Size
CMX_USB_LITE_MC9S08JS16	5.52MB
CW MCU v6.2 JS16 Service Pack	1.87MB
DEMO9S08JS16 Component Placement	236KB
DEMO9S08JS16 Schematic	176KB
FSL Mini-USB_stack	932KB
P_E Micro Demo Board Toolkit	186MB
USB_demo_code_Mini_stack	848KB
CodeWarrior Development Studio for Microcontrollers 6.2	-
Bootloader GUI	-

Others Resources:

File Name	Size
S08LL16THERM_VID	5:47Min

