

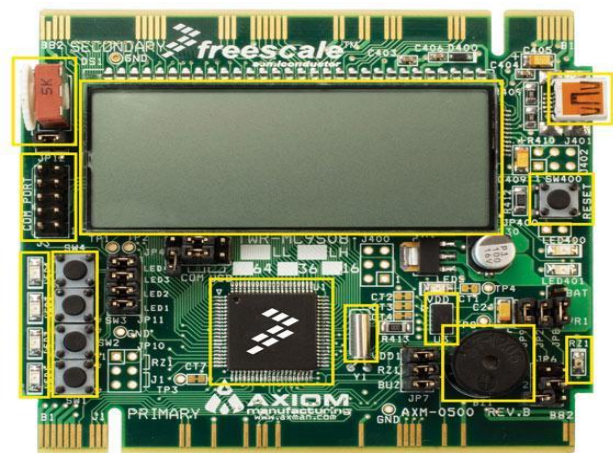


Freescall - TWR_S08LH6 - TWR-S08LH64-KIT Development Kit

Product Overview:

The cost effective TWR-S08LH64-KIT development tool is part of the Tower System and features the MC9S08LH64 segment LCD controller with integrated 16 bit ADC. It provides everything designer needs to develop and evaluate application code. The integrated OSBDM allows a designer to communicate with the board and target device with only a USB cable and the board highlights the MCU's low power features.

This module is designed to be combined and used with a variety of peripheral modules in the Tower System, and can also operate as a standalone debug tool that can be purchased separately from the complete kit, part number TWR-S08LH64.



Kit Content:

The TWR-S08LH64-KIT contains:

- TWR-S08LH64 module - 8-bit Segment LCD module that features the MC9S08LH64
- TWR-PROTO - Prototyping module with per board area
- TWR-ELEV modules
- Necessary cables
- An interactive DVD with lab tutorials, software, training and collateral
- A printed guide on how to quickly get started using the development kit

The TWR-S08LH64 module contains:

- TWR-S08LH64 board
- Necessary cables
- An interactive DVD with lab tutorials, software, training and collateral
- A printed guide on how to quickly get started

Ordering Information:

Products:

Part Number	Manufacturer	Farnell P/N	Newark P/N
TWR-S08LH64-KIT	Freescall	1812173	68R1770

Associated Products:

Part Number	Manufacturer	Description	Support Device	Farnell P/N	Newark P/N
MC9S08JS16CFK	Freescall	MCU, 8BIT, 16K FLASH, USB2.0, 24QFN	MC9S08	1704516	40P5122
292304-2	Tyco	USB connector	USB B	1557590	21M8707
HCH-1000-001	Honeywell	Humidity Sensor	Sensor	1566264	60M2938
LP2981AIM5-3.0/NO PB	National	LDO REG	LDO	1685571	41K6768
MC33269DTRK-3.3G	National	Low Dropout (LDO) Regulator IC	LDO	NA	04R7826

Similar Products:

Part Number	Manufacturer	Description	Support Device	Farnell P/N	Newark P/N
DEMO9S08JS16	Freescall	MC9S08JS16 evaluation	S08JS	1704520	40P4104
TWR-S08LH64	Freescall	Tower System 8-bit Segment LCD Module	MC9S08LH64	NA	68R1769

Document List:

Datasheets:

Part Number	Description	Size
MC9S08LL64	S08LL 8-bit segment LCD microcontroller family	878KB
292304-2	USB type D connector	-
HCH-1000-001	Capacitive Humidity Sensor	196KB
LP2981	Datasheet	444KB

Application Notes:

File Name	Size
MC9S08LL64 - How to Handle Dual Flash Architecture in MC9S08LG32	206KB
AN3822 - Emulated EEPROM Implementation in Dual Flash Architecture and Demo Description on MC9S08LG32	213KB
AN3990 - Migrating from the MC9S08LL16 to MC9S08LL64 Microcontroller	474KB
AN2717 - M68HC08 to HCS08 Transition	340KB
AN3041 - Internal Clock Source (ICS) Module on the HCS08s in Depth	116KB
AN3552 - Analog Comparator Tips and Tricks for the MC9S08QG MCU	2089KB
AN2111 - A Coding Standard for HCS08 Assembly Language	111KB
AN3796 - LCD Driver Specification	286KB

Hardware and Software:

File Name	Size
DEMO9S08LL16_SCH_B_1 - Schematics	219KB
DEMO9S08LL16_SCH_B - Schematics older version	218KB