XL_STAR BOARD

element14™

Product Description:

The [XL_STAR BOARD](#) describes the process of developing code for Freescale's XL_STAR, a low cost development board featuring one of the most recent members of the HCS08 family of 8-bit microcontrollers, the MC9S08MM128. The XL_STAR is a double-sided board. On the top side of the board (Figure 1) is the main microcontroller (MCU) - a Freescale MC9S08MM128. In normal use, when the XL_STAR board is not connected to a PC for debugging, most of the circuit on the bottom side of the board is not powered. The only thing in use is the battery.

Key Features:

- Kit Contents:XL-STAR Board, Loose Battery Holder, USB Cable, CD-ROM
- Features: Debugger, Accelerometer Demo Board (Demonstrated by fully populated LEDs)
- Supported Devices:MMA8451, MM128, S08JM60, HCS08
- Tool / Board Applications: Three-Axis Accelerometer

- XL-STAR MC9S08MM128 MCU board
- Silicon Manufacturer:Freescale
- Core Architecture:S08
- Core Sub-Architecture:S08MM
- Silicon Core Number:MC9S08MM128
- Kit Contents: Board, CD, USB cable
- RoHS Compliant: Yes

Ordering Information:

Mfr Part #	Farnell#	Newark#	Description
STAR-XL-S08	1864565	27T2966	KIT, DEMO-DEBUGGER, XL-STAR, W/ MMA8451Q

Associated Products:

Part Number	Manufacturer	Description	Farnell #	Newark #
MC9S08JM60CGT	FREESCALE	MCU, 8-BIT, S08, 60K FLASH, QFN48	1562863	54M7189
MC9S08JM60CLD	FREESCALE	MCU, 8-BIT, S08, 60K FLASH, LQFP44	1562864	54M7190
MC9S08JM60CQH	FREESCALE	MCU, 8-BIT, S08, 60K FLASH, QFP64	1562860	54M7192
MMA8452QT	FREESCALE	ACCELEROMETER, 12/8BIT, 3AXIS, 16QFN	1842360	84R7353
MMA8453QT	FREESCALE	ACCELEROMETER, 10/8BIT, 3AXIS, 16QFN	1842361	84R7355
MMA8451QT	FREESCALE	ACCELEROMETER, 14/8BIT, 3AXIS, 16QFN	1842359	84R7351
MC9S08MM128VLK	FREESCALE	IC, MCU, 8BIT, 128K FLASH, 80LQFP	1862858	27T2919
MC9S08MM128VLK	FREESCALE	IC, MCU, 8BIT, 128K FLASH, 80LQFP	1862858	27T2919
MC9S08JM60CLH	FREESCALE	MCU, 8-BIT, S08, 60K FLASH, LQFP64	1562862	54M7191

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