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KIT908E624DWBEVB

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## KIT908E624DWBEVB : Evaluation Kit - Integrated Triple HSS with Embedded MCU and LIN

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This EVALUATION KIT features the 908E624 a highly integrated single-package solution that includes a high-performance HC08 microcontroller with a SMARTMOS analog control IC. The HC08 includes flash memory, a timer, enhanced serial communications interface (ESCI), an analog-to-digital converter (ADC), serial peripheral interface (SPI), and an internal clock generator module. The analog control die provides three high-side outputs with diagnostic functions, voltage regulator, watchdog, operational amplifier, and local interconnect network (LIN) physical layer.

The 908E624 has been developed as a highly integrated and cost-effective solution for driving loads using relays within a LIN architecture. It is especially suited for the control of automotive high-current motors applications using relays (e.g., window lifts, fans, and sun roofs).

This kit is supplied for preliminary evaluation purposes. This evaluation kit was populated with a production (MM908E624DWB) device and datasheet (Rev 1.0). Current revision of the data sheet available on [Web](#).

### KIT908E624DWBEVB Features

- High-Performance M68HC08 Core
- 16 K Bytes of On-Chip Flash Memory
- 512 Bytes of RAM
- Two 16-Bit, 2-Channel Timers
- 10-Bit Analog-to-Digital Converter (ADC)
- LIN Physical Layer Interface
- Low Drop Voltage Regulator
- Three High-Side Outputs
- Two Wake-Up Inputs
- 16 Microcontroller I/Os

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### KIT908E624DWBEVB Kit Contains

Evaluation Kit Contents: Assembled and tested eval board/module in anti-static bag

- CD-ROM containing:
  - Data sheet, fact sheet or errata for featured device
  - Schematic of evaluation board
  - Bill-of-Material for evaluation board
  - Instruction sheet for evaluation board
- Cabeling
- Code Warrior Software

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### KIT908E624DWBEVB Design Tools

#### Hardware Tools

##### Adapters

ID and Description	Vendor ID	Format	Size K	Rev #	Availability
<b>SCDAE24D1C</b> MM908E624 54-pin WSOIC ZIF socket adapter	FREESCALE	-	-	-	<a href="#">Distributor</a>
<b>SCMMBE24D1C</b> MM908E624 Multichip Module Emulation Board	FREESCALE	-	-	-	<a href="#">Distributor</a>
<b>SCMMIE24D1C</b> MM908E624 Multichip Module Target Interface Board	FREESCALE	-	-	-	<a href="#">Distributor</a>

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### Orderable Parts Information

Order Availability	Part Number	Description	Tool Type	Status	Budgetary Price(\$US)	Compliance		RoHS Replacement Part
						Package Peak Temperature (°C)	RoHS	
<a href="#">Buy Direct</a> <a href="#">Distributor</a>	KIT908E624DWBEVB	908E624- QUASI EVAL KIT	Tested Packaged Module/ Misc Hardware	Active	\$235.30	-	-	-

<a href="#">Buy Direct</a> <a href="#">Distributor</a>	KIT908EINTFC	908 INTERFACE KIT	Tested Packaged Module/ Misc Hardware	Active	\$500.00	-	-	-
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- Not all orderable parts are offered through our online sampling program. For further assistance in selecting a similar part from within the program, please submit a [Request for a sample order advice](#).
- Refer to [Samples FAQ](#) for more information.
- Looking for an obsolete part? Check our new [part number search](#)

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**Related Products**

- ▶ [MM908E624 : Triple Hi-Side Switch with Embedded MCU+Power+LIN](#)

The 908E624 is a highly integrated single-package solution that includes a high-performance HC08 microcontroller with a SMARTMOS analog control IC. ...

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