



MPC574XG-MB: Evaluation System for MPC574xC/G Family ☆

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The MPC574XG-MB is an evaluation system supporting Freescale MPC574xC/G MCU family. This family of products is used in a range of central body control module, gateway module and industrial networking and control applications. The complete system consists of an MPC574XG-MB motherboard and a daughterboard (ordered separately) that plugs into the motherboard.

Different daughterboards are available for evaluating various packages in the MPC574xC/G family. The evaluation system allows full access to the CPU, all of the CPU's I/O signals, and the motherboard peripherals.

Features

Push Buttons, LEDs and Switches

CAN/LIN

USB

Other Communications

Additional Features

Related Software and Tools

[AUTOSAR_CS](#): Freescale AUTOSAR Software Solutions

MPC574XG-MB Motherboard and MPC574XG-324DS Daughter Card



Supported Devices

[MPC5748G](#): Ultra-Reliable Multi-Core 32-bit MCU for Automotive and Industrial Applications

[MC33662](#): LIN 2.1 / SAEJ2602-2, LIN Physical Layer

Current Updates and Releases

[X-MPC574XG-MB_SCH](#): X-MPC574XG-MB Evaluation Board Schematics

[X-MPC574XG-324DS_SCH](#): X-MPC574XG-324DS Daughter Card Schematics

[X-MPC574XG-256DS_SCH](#): X-MPC574XG-256DS Daughter Card Schematics

[More](#)

Kit Contains

MPC574XG-MB includes:

- MPC574xC/G family motherboard

MPC574XG-256DS (256 BGA daughterboard) includes:

- Daughterboard with 256 BGA socket
- 1 sample of the MPC5748G in the 256 BGA package

MPC574XG-176DS (176 LQFP daughterboard) includes:

- Daughterboard with 176 LQFP socket
- 1 sample of the MPC5748G in the 176 LQFP package

MPC574XG-324DS (324 BGA daughterboard) includes:

- Daughterboard with 324 BGA socket
- 1 sample of the MPC5748G in the 324 BGA package

Note that both a Motherboard and Daughterboard, ordered separately, are required to develop on the MPC574xC/G family.

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