



Freescale Semiconductor, Inc.

User's Manual

M68CPA08QF324448UM/D

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M68CPA08QF324448 Programming Adapter

User's Manual

Freescale Semiconductor, Inc.

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M68CPA08QF324448 Quick Start Guide

The M68CPA08QF324448 is a low-cost programming adapter for HC08 family MCUs. It is designed to work with programmers that use a 16-pin MON08 interface. It supports 32-pin 0.8mm QFP packages, 44-pin 0.8mm QFP packages and 48-pin 0.5mm QFP packages.

1 - Connect wire jumpers

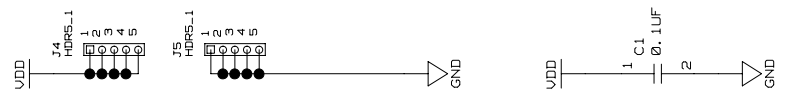
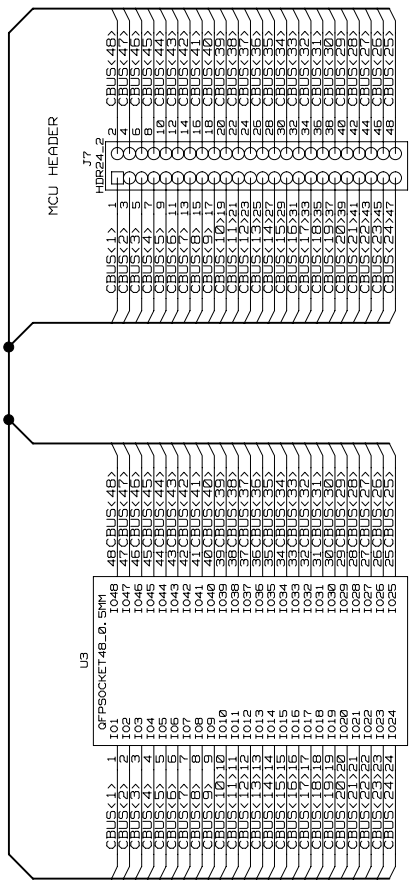
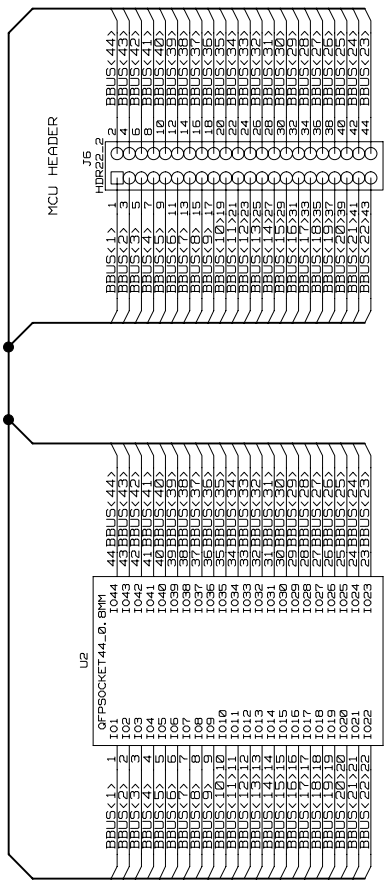
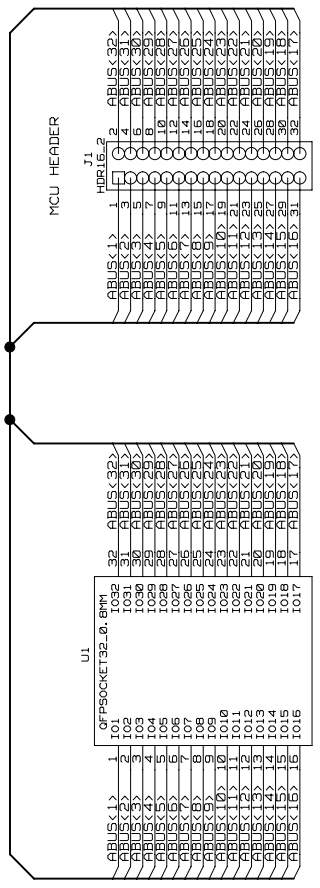
MON08 connector J3 has the same pin signals as connector J2. You must connect up to 16 supplied jumpers from J3 to J1 for 0.8mm 32-pin QFP devices, from J3 to J6 for 0.8mm 44-pin QFP devices or from J3 to J7 for 0.5mm 48-pin QFP devices. These jumpers provide power and programming signals to the MCU. Connections will vary depending on the specific device you are using. Refer to the device data sheet and the programmer documentation for connection information.

2 - Insert a device to be programmed

Be sure that power is removed before inserting a device. Socket U1 is used for 32-pin 0.8mm QFP devices, socket U2 for 44-pin 0.8mm QFP devices or socket U3 for 48-pin 0.5mm QFP devices. Open the desired socket and insert device. You should not use force when closing the socket lid. Close the socket latch to secure the device.

3 - Connect the MON08 programmer and program the device

Connect a MON08 programmer to connector J2 of the programming adapter board. Be sure to verify that pin one of the programmer connects to pin one of connector J2. You may now use the programmer to program the inserted device. Refer to your programmer documentation for further operating instructions. Once the programmer indicates that the device has been properly programmed you may open the socket and remove the device.



SIZE	NAME: rev_0	DRAWING NO.	REV:
A	ROOT: rev_0	63A11338S	0
LAST_MODIFIED=Mon May 19 17:03:29 2003			SHEET 3 OF 3

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