



Freescale Semiconductor, Inc.

User's Manual

M68CPA08QF80UM/D

Version 1.0

June 24, 2003



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M68CPA08QF80 Programming Adapter

User's Manual

Freescale Semiconductor, Inc.

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M68CPA08QF80 Quick Start Guide

The M68CPA08QF80 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 80-pin 0.5mm QFP and 80-pin 0.65mm 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 and J4 for either package type. 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 80-pin 0.5mm QFP devices and socket U2 for 80-pin 0.65mm 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.

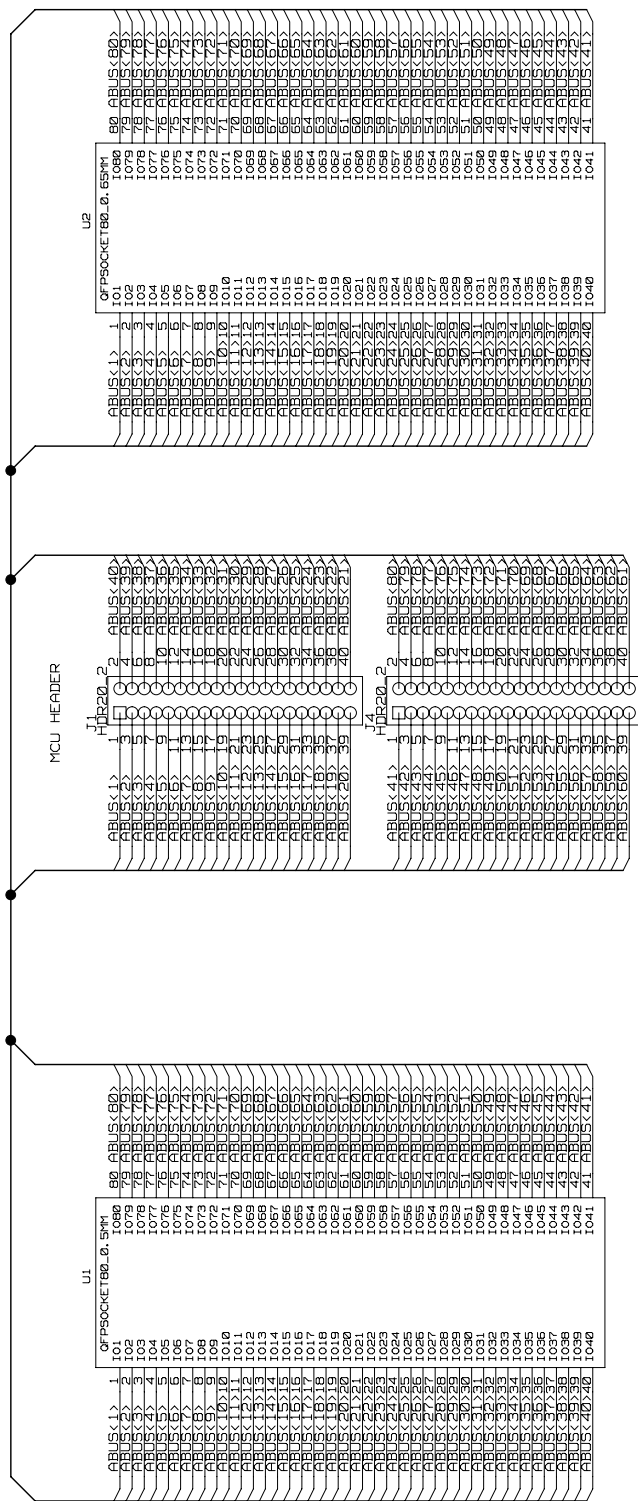
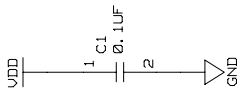
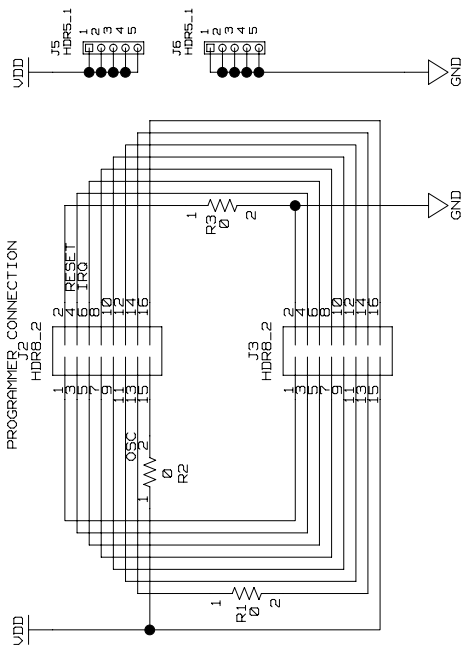
3 - Connect the MON08 programmer and program the device

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.

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