



### **M547x/8x CPLD BINARY LICENSE AGREEMENT**

**Please Read:** To obtain the CPLD programming files for the Fire Engine included in the ColdFire Development Kit, read this document, complete the licensing agreement, and return two signed original copies to Logic Product Development at:

Logic Product Development  
Attn: Logic Product Sales  
411 North Washington Avenue Suite101  
Minneapolis, MN U.S.A 55401  
or  
fax a signed copy to Logic Product Development at (612) 672- 9489

#### **CPLD Functionality:**

The CPLD device on the Fire Engines included in the M5475EVB, M5485EVB, M5474LITEKIT, and M5484LITEKIT Development Kits, does not contain any CPLD code.

The CPLD is not required to run the microprocessor memory architecture or on-chip peripherals.

Logic has developed additional features in the CPLD that provide the following interfaces and functionality:

1. ISA-Like bus interface
2. Serial EEPROM interface  
This interface can be used for scripting. Scripting is a method to execute losh commands automatically by listing them in a script file and using the command "source" to run the script in the file. This is useful for automating repetitive command line entries. For example: the command "source /cf\_card/MYSCRIPT.TXT" will execute the script stored in the file "myscript.txt" on a mounted CompactFlash card.
3. Compact Flash (CF) Type 1 memory mode only interface.  
The LogicLoader contains support for mounting and booting from the CompactFlash interface on the Fire Engine. If an ELF, BIN, RAW, or S-record image is stored on the CompactFlash card, that image may be loaded into memory.
4. Board Power Management features

These interfaces are supported in LogicLoader (bootloader/monitor). For more information on LogicLoader, please see User's manual on the CD-ROM. Other operating systems will need to develop drivers to support the interfaces.

**The CPLD code is available free of charge for customers designing the Fire Engine into their final product or for purchase if implementing in a custom board solution.** To license the CPLD programming binary file for use on Logic's Fire Engines, please complete the attached license agreement. For more information on purchasing or licensing the CPLD VHDL code, please contact Logic sales at [product.sales@logicpd.com](mailto:product.sales@logicpd.com).

Fire Engines are available with CPLD code pre-loaded and can be ordered direct from Freescale or their distributors using the following part number M5475xFE, M5485xFE, M5474GF, and M5484GF, where 'x' denotes configuration. See Fire Engine Product Brief for a complete list of configurations and where to buy at <http://www.logicpd.com/eps/wheretobuy/>.

If you have any additional questions, please do not hesitate to contact Logic sales at e-mail [product.sales@logicpd.com](mailto:product.sales@logicpd.com).



**LOGIC PRODUCT DEVELOPMENT COMPANY**

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**12. No Assignment.** Except as otherwise provided in this Section 12, Licensee may not assign this Agreement or the license granted hereunder and any attempt to do so shall be void. Licensee agrees that this Agreement binds Licensee and each of its employees, agents, representatives, and persons associated with it, and Licensee's affiliated and subsidiary firms, corporations and other organizations, and its successors and permitted assigns.

**13. Notices.** Notices to Licensee shall be sent to the address specified beneath Licensee's signature below and to Logic Product Development Company, 411 North Washington Avenue, Suite 101, Minneapolis, Minnesota 55401, Attention: Product Sales-Licensing agreement or such new address as a party specifies to the other in writing.

**14. General.** This Agreement is governed by the law of the State of Minnesota. It is the complete and exclusive statement of the understanding between the parties and supersedes all proposals, oral or written, and all other communications between the parties relating to the subject matter of this Agreement. Any terms and conditions of any purchase order or other

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*This Agreement shall be effective and binding on the parties only after acceptance by a duly authorized representative of each party.*

**LOGIC PRODUCT DEVELOPMENT COMPANY**

**LICENSEE**

By: \_\_\_\_\_

By: \_\_\_\_\_

Name: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Address: \_\_\_\_\_

**EXHIBIT A**

**Description of Licensed Program(s):**

**Freescale MCF54xxCPLD binary update files for use with Logic's ColdFire Fire Engines.**

**EXHIBIT B****CONFIDENTIALITY TERMS AND CONDITIONS**

**1. DEFINITION.** "Confidential Information" means the terms and conditions of this Agreement, the existence of the discussions between the parties, the information described in Section 2 below, and any other information concerning the Purpose defined below, including but not limited to, information regarding each party's product plans, product designs, product costs, product prices, finances, marketing plans, business opportunities, personnel, research and development activities, know-how, and pre-release products; provided that information disclosed by the disclosing party ("Disclosing Party") in written or other tangible form will be considered Confidential Information by the receiving party ("Receiving Party") only if such information is conspicuously designated as "Confidential," "Proprietary" or a similar legend. Information disclosed orally shall only be considered Confidential Information if: (i) identified as confidential, proprietary or the like at the time of disclosure, and (ii) confirmed in writing within thirty (30) days of disclosure. Confidential Information disclosed to the Receiving Party by any affiliate or agent of the Disclosing Party is subject to this Agreement.

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**EXHIBIT C**

LICENSE FEE SCHEDULE

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