

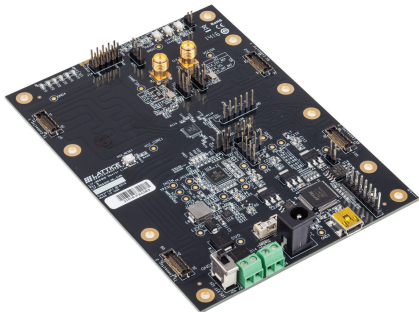
This document provides a brief introduction and instructions to install and demonstrate the LIF-MD6000 Master Link Board on Windows 7. Additional documentation can be downloaded at www.latticesemi.com/masterlink.

1

Check Kit Contents

The CrossLink: LIF-MD6000 Master Link Board contains the following items:

- LIF-MD6000 Master Link Board
- SMA IO Link Board
- Breakout IO Link Board
- USB cable for programming
- 12V AC adapter power supply
- Quick Start Guide



This kit with the LIF-MD6000 Master Link Board can be used to build bridging solutions between various video formats. You can use this hardware to validate your own designs. Along with this, Lattice provides a number of other hardware/demo set-ups to demonstrate the various capabilities for CrossLink. For more information on these, please go to www.latticesemi.com/masterlink. Programming the CrossLink device requires Diamond Programmer version 3.7 or later. Diamond programmer can be downloaded from the Lattice web site at www.latticesemi.com/programmer.

2

Run the Demonstration

To set-up the demo:

- Connect 12V adapter to Jx.
- Ensure Jumpers J20, J19 and J7 are connected.
- Also connect Jumpers between pin 2 and pin 3 on both J24 and J25.
- Set power switch SW1 to ON.
- LEDs D3, D25, D26, D17, D28 and D28 will glow indicating power to the board.
- Optional: Connect your PC to the main board via USB cable.

The LIFMD Device is preprogrammed to load a default demo where LEDs D6, D7, D8 and D9 will start blinking sequentially. Running the preloaded demonstration does not require connecting the provided USB cables to a PC.

3**Done!**

Congratulations! You have successfully demonstrated the default LIF-MD6000 Master Link board demo. This demo is intended to show basic functionality of the board. This board can be used with additional hardware (available separately) to demonstrate a number of CrossLink video bridging solutions. To learn more about these solutions, and download full documentation for this board, visit the Lattice website at: www.latticesemi.com/masterlink.

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