Actel
POWER MATTERS

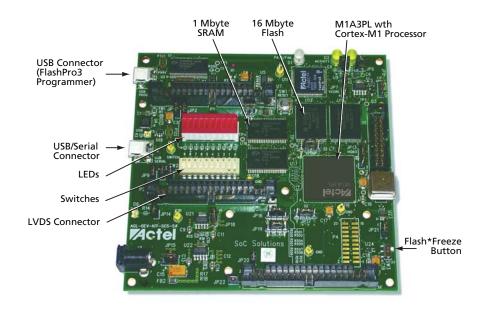# ARM® Cortex™-M1–Enabled ProASIC3L Development Kit Quickstart Card

Kit Contents – M1A3PL-DEV-KIT

Quantity	Description
1	M1A3PL Development Board with M1A3PL1000-FGG484; includes built-in FlashPro3-compatible programming circuit
1	+5.0 V external power supply with international adapters
2	USB A to mini-B USB cables
1	Actel Libero® Integrated Design Environment (IDE) DVD (check web for newer version before installing)
1	This Quickstart card

v2.1

Jumpers and Switch Settings

Before powering up the M1 ProASIC3L Development Board for the first time, make sure the switches and jumpers are in the following factory-set positions:

- SW2: All switches (0-9) are in the ON position.
- JP1, JP2, JP3 (2-3), JP4, JP6, JP7, JP9 (2-3), JP10, JP11, JP12, JP13 (2-3), JP14, JP15, JP16 (2-3), JP17(2-3), JP18 (2-3), JP19 (2-3), JP20 (1-2), JP21 (2-3), JP22 (1-4), JP23, JP24 are installed.
- All others are not installed.

For a full description of all jumpers, refer to the user's guide on the ARM Cortex-M1–Enabled ProASIC3L Development Kit web page.

Running the Pre-Programmed Design

Press SW1 to reset. The LED on the board will perform a traffic light sequence. To follow this more clearly, go to the web page and install and run the traffic light.exe file.

Software and Licensing

Check the Actel website (www.actel.com) for a newer software version before installing from the DVD. In order to design with a Cortex-M1–enabled device, you should install both the Libero IDE and SoftConsole tools. SoftConsole is used for programming and debug of embedded processor designs.

Software releases: www.actel.com/download/software/libero

Documentation Resources

For further kit information, including user's guide, tutorial, and full design examples, refer to the user's guide on the ARM Cortex-M1–Enabled ProASIC3L Development Kit web page.
www.actel.com/products/hardware/devkits_boards/m1proasic3l.aspx

Technical Support and Contacts

Technical support is available online at www.actel.com/support, by email at tech@actel.com, or by phone:

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Actel Sales offices, including Representatives and Distributors, are located worldwide. To find your local representative go to www.actel.com/company/contact.

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