

Core1553 Development Kit Quickstart Card

Kit Contents – CORE1553-DEV-KIT (RoHS-compliant)

Quantity	Description
1	CORE1553-SA: Core1553 Daughter Card
1	M1AFS-ADV-DEV-KIT-PWR includes: <ul style="list-style-type: none">• Fusion Advanced Development Board with ARM[®] Cortex[™]-M1-enabled M1AFS1500-FGG484• FlashPro3-compatible low-cost programming stick (LCPS)• 2 mini USB cables• 2 9 V power supplies

The Core1553 Development Kit allows you to evaluate the functionality of Actel's Core1553BRM without having to create a complete MIL-STD-1553B-compliant system. The Core1553 Development Kit source files include the programming files needed to program a Fusion Advanced Development Kit to create a 1553 bus controller, remote terminal, and bus monitor compliant with MIL-STD-1553B.



Software and Licensing

Download and install the latest releases of Libero® Integrated Design Environment (IDE) and SoftConsole from the Actel website (www.actel.com). In order to design with a Cortex-M1-enabled device, you must install both the Libero IDE and SoftConsole tools. SoftConsole is used for programming and debugging 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 Core1553 Development Kit page:

www.actel.com/products/hardware/devkits_boards/core1553_fadk.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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