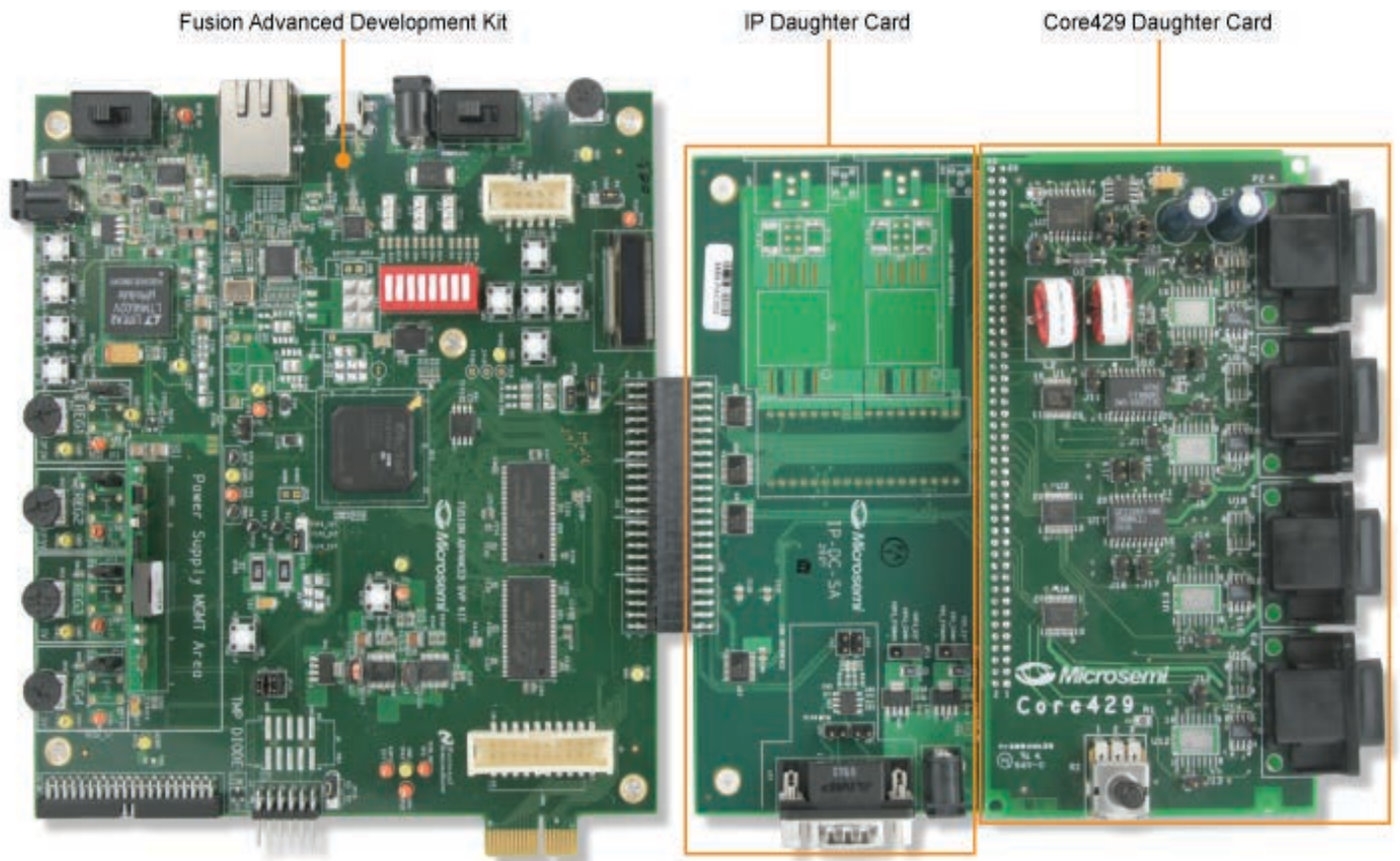


# Core429 Development Kit Quickstart Card

## Kit Contents—CORE429-DEV-KIT-3 (RoHS-compliant)

Quantity	Description
1	CORE429-SA: Core429 Daughter Card
1	IP-DC-SA: IP Daughter Card
1	CORE429-RS232-CABLE: Core429 loopback cable
1	M1AFS-ADV-DEV-KIT-PWR-2 includes: 1 Fusion Advanced Development Board with ARM® Cortex™-M1-enabled M1AFS1500-FGG484 1 Low-cost programming stick (LCPS) 2 Mini USB cables 1 9 V power supply



## Overview

The Core429 Development Kit enables avionics designers to evaluate the functionality of Core429 with a full development kit that includes ARINC 429 example software, Core429 programming files, ARINC 429 physical connections, and full user documentation.

## Software and Licensing

Libero® SoC Design Suite offers high productivity with its comprehensive, easy-to-learn, easy-to-adopt development tools for designing with Microsemi's low power Flash FPGAs and SoC. The suite integrates industry standard Synopsys Synplify Pro® synthesis and Mentor Graphics ModelSim® simulation with best-in-class constraints management and debug capabilities.

Download the latest Libero SoC release

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Generate a Libero Silver license for your kit here

[www.microsemi.com/products/fpga-soc/design-resources/dev-kits/ip-kits/core429-development-kit](http://www.microsemi.com/products/fpga-soc/design-resources/dev-kits/ip-kits/core429-development-kit)

## Documentation Resources

For more information about the Core429 Development Kit, including user's guides, tutorials, and design examples, see the documentation at [www.microsemi.com/products/fpga-soc/design-resources/dev-kits/ip-kits/core429-development-kit#documents](http://www.microsemi.com/products/fpga-soc/design-resources/dev-kits/ip-kits/core429-development-kit#documents)

## Support

Technical support is available online at [www.microsemi.com/soc/support](http://www.microsemi.com/soc/support) and by email at [soc\\_tech@microsemi.com](mailto:soc_tech@microsemi.com)

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