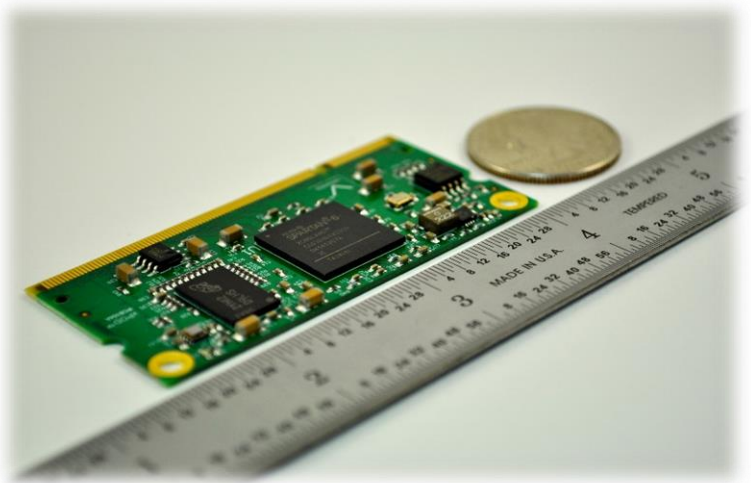


As the flagship product by Versachip, the xPOD module enables custom FPGA-based solutions to be rapidly developed on a solid, reliable, and versatile platform that reduces risk while ensuring a cost-sensitive transition path ready for the latest FPGA technologies.

Consisting of a Spartan-6 class FPGA, DDR2 memory, non-volatile memory, clock, power regulation, and with 123 GPIO available through an SODIMM interface, Versachip transitions your product from prototype to production in a snap of the xPOD.

With no change in hardware from prototype to production, the xPOD eliminates integration time and enables you to confidently deliver on your deadlines. The xPOD module removes risk by allowing rapid firmware and software development to proceed uninhibited by the hardware schedule. When switching to the production system, xPOD enables your team to focus on system integration.



The xPOD Evaluation Kit is ready for use right out of the box with a pre-loaded demonstration application that exercises the major I/O of the system ensuring confidence in your solution platform.

Contact us today for more information and pricing

Email: info@versachip.com

Phone: 262.236.9381

Web: www.versachip.com

xPOD Spartan technical specifications

Feature	Description
FPGA	Xilinx Spartan-6 LX45 (optional configuration: LX25 or LX9)
Connector	SODIMM, 123 GPIO (60 differential pairs)
Volatile RAM	1Gb DDR2
Non-volatile RAM	128Gb SPI Flash
Power	Complete power solution, isolated power to two FPGA banks
Flexible clocking	Onboard oscillator and/or user provided clock
Temperature grade	Commercial (optional configuration: Industrial)

Contact us to learn more about optional configurations

xPOD evaluation kit specifications

Feature	Description
Digilent PMOD compatible connectors	8 dual row and 4 single row connectors
HDMI connectors	2 DVI-D
JTAG	Built-in, as well as standard connector
Other I/O	6 push buttons, 8 LEDs, 8 switches, USB UART

xPOD Spartan block diagram

