

# XMC Card Speeds Integration of Embedded Custom FPGA Computing



Curtiss-Wright Controls Embedded Computing announced the XMC-442, its first Xilinx Virtex-5 FPGA-based XMC module (VITA 42) compute engine. The device is designed for demanding, high-performance signal and image processing applications including radar, sonar, and signal intelligence. It is designed to operate in rugged environments and is available in both air- and conduction-cooled formats. Innovative cooling techniques are employed to handle high performance FPGA implementations. This XMC daughtercard is optimized for deployment on a Curtiss-Wright CHAMP-FX2 FPGA VPX engine, but may also be used on a CHAMP-AV6, SVME-184, or VPX6-185 single-board computers.

Curtiss-Wright Controls Embedded Computing  
925- 640-6402, [www.cwcembedded.com](http://www.cwcembedded.com) [1]

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