

Accelerating Embedded Innovation

Welcome to the 2nd Edition 2025 of iWave's Newsletter!

This edition of the newsletter brings you the latest product announcements and news from iWave. We hope you enjoy exploring the latest in embedded solutions.

Latest FPGA System on Modules



Introducing a strong portfolio of RFSoc System on Modules for SDR, Radar, 5G Wireless and Satellite Communication

A strong portfolio of RFSoc System on Modules built on the AMD Zynq UltraScale+ RFSoc portfolio which includes the ZU29, ZU43, ZU47, ZU48 and ZU49, purpose-built for high-performance applications such as SDR and Radars. [Explore the portfolio...](#)

iWave Unveils New Versal™ AI Edge Series Gen2 SoM

iWave strengthens the portfolio Versal™ System on Modules with the addition of the Versal AI Edge Gen2 System on Module compatible with 2VE3858, 3804, 3558, and 3504 devices, to the existing portfolio of Versal AI Edge and Versal Premium. [Learn more about the SoM...](#)

Introducing Agilex™ 9 Direct RF SoM for High-Speed Signal Processing

The Direct-RF FPGA supports up to 8 x 64Gsps ADC/DAC converters, up to 16 x 12Gsps DAC Converters, and 20 Channels of 4Gsps ADC converters. The SoM provides the flexible compute and frequency agility required for electronic warfare applications. [Explore the SoM...](#)

Latest COTS Modules and Solutions



iWave strengthens its portfolio of 3U VPX Cards for Defense & Avionics

iWave is proud to expand its 3U VPX product portfolio, purpose-built for defense, avionics, and aerospace systems. Engineered for reliability in harsh environments, these VPX cards integrate the AMD Zynq UltraScale+ MPSoc, RFSoc, Kintex and Virtex families.

[Explore the 3U VPX Systems...](#)

SmartNIC Solutions: The latest solution portfolio from iWave

iWave introduces its latest portfolio of SmartNIC solutions, offering high-speed networking capabilities of 100G, 200G, and 400G. Purpose-built to accelerate demanding networking workloads, enabling efficient offloading of compute-intensive tasks. [Explore the Portfolio...](#)

iWave's Telematics Solutions Cybersecurity compliant – CRA and RED DA

iWave Telematics products are made secure by embedding robust technical and process controls that align with key international and EU standards, including ISO/SAE 21434, ISO 24089, UNECE WP.29 (UN R155, UN R156), CRA, RED DA, and the EN 18031 series.

[Read the article...](#)

iWave's Journey of Innovation & Global Impact

Showcasing Innovation | Celebrating Milestones
Connecting Globally

iWave Honored to be Awarded AMD Premier Partner of the Year 2024

A recognition that reflects our strong collaboration with AMD and our focus on strengthening our core competency in FPGA design. iWave continues to develop high-performance FPGA boards and solutions. [Read the press release...](#)



iWave Expands European Presence with New German Office



The new office, located in Ratingen, will serve as a strategic hub for iWave's co-operations in Germany and Central Europe, enabling the company to better serve its growing European client base, and represents a crucial step in our international growth journey. [Read the press release...](#)



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Since 1999, iWave has been committed to being a trusted embedded technology partner for companies worldwide. With deep expertise in embedded systems design and manufacturing, iWave delivers a comprehensive portfolio which encompasses ARM & FPGA System on Modules (SoMs), Single Board Computers (SBCs), COTS FPGA Solutions, and ODM Solutions which include Telematics, Gateways, HMI Solutions.