



iWave offers ODM services starting from concept to production. Our vast in-house expertise in embedded Hardware Board Design, Software Development, FPGA Design & Mechanical Enclosure Design enables us in providing complete system solutions.

At iWave, we understand that off-the-shelf solutions may not always align with your specific needs. That's why we offer a comprehensive suite of Original Design Manufacturer (ODM) services, designed to cater to your unique requirements. With our expertise in custom design, we empower you to unleash your imagination and craft products that stand out in today's competitive market. From conceptualization to realization, our team is committed to delivering tailored solutions that elevate your brand and exceed expectations. Explore the boundless possibilities with our [ODM Custom Design services](#) and let's embark on a journey of innovation together.

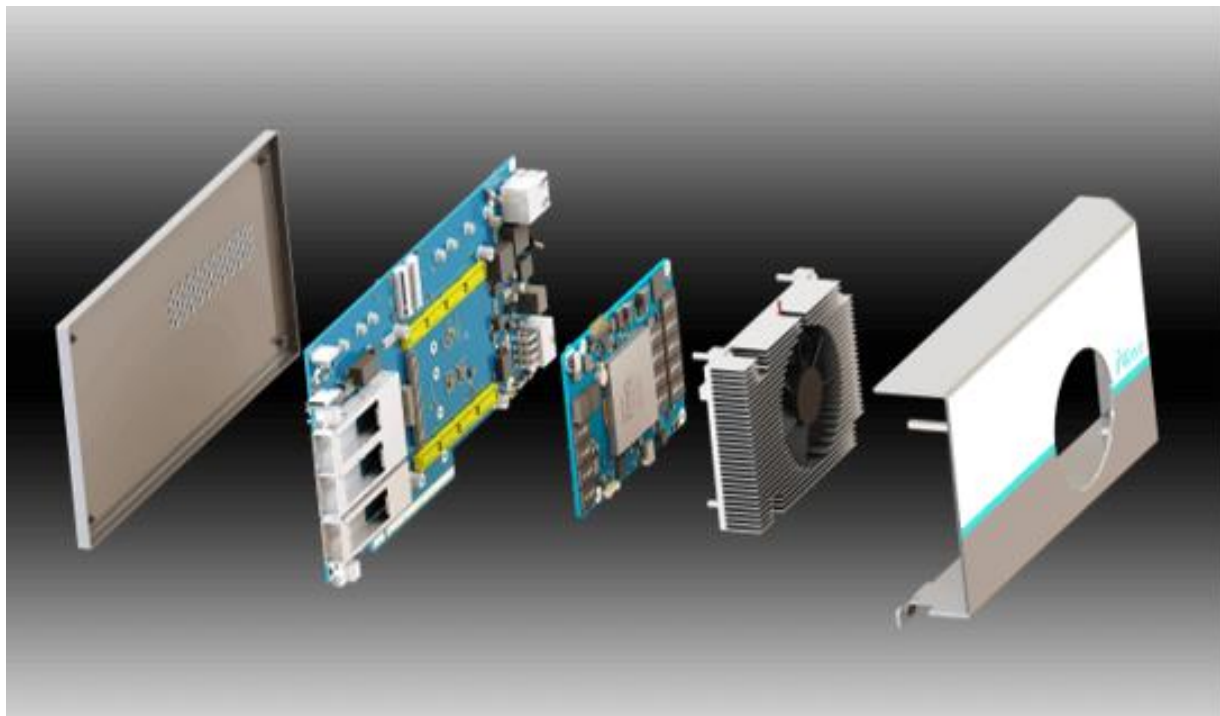
Custom Design & Manufacturing

iWave places significant emphasis on Embedded Hardware Development as a crucial component of product evolution. Our top-tier Hardware Design Services encompass a wide spectrum,

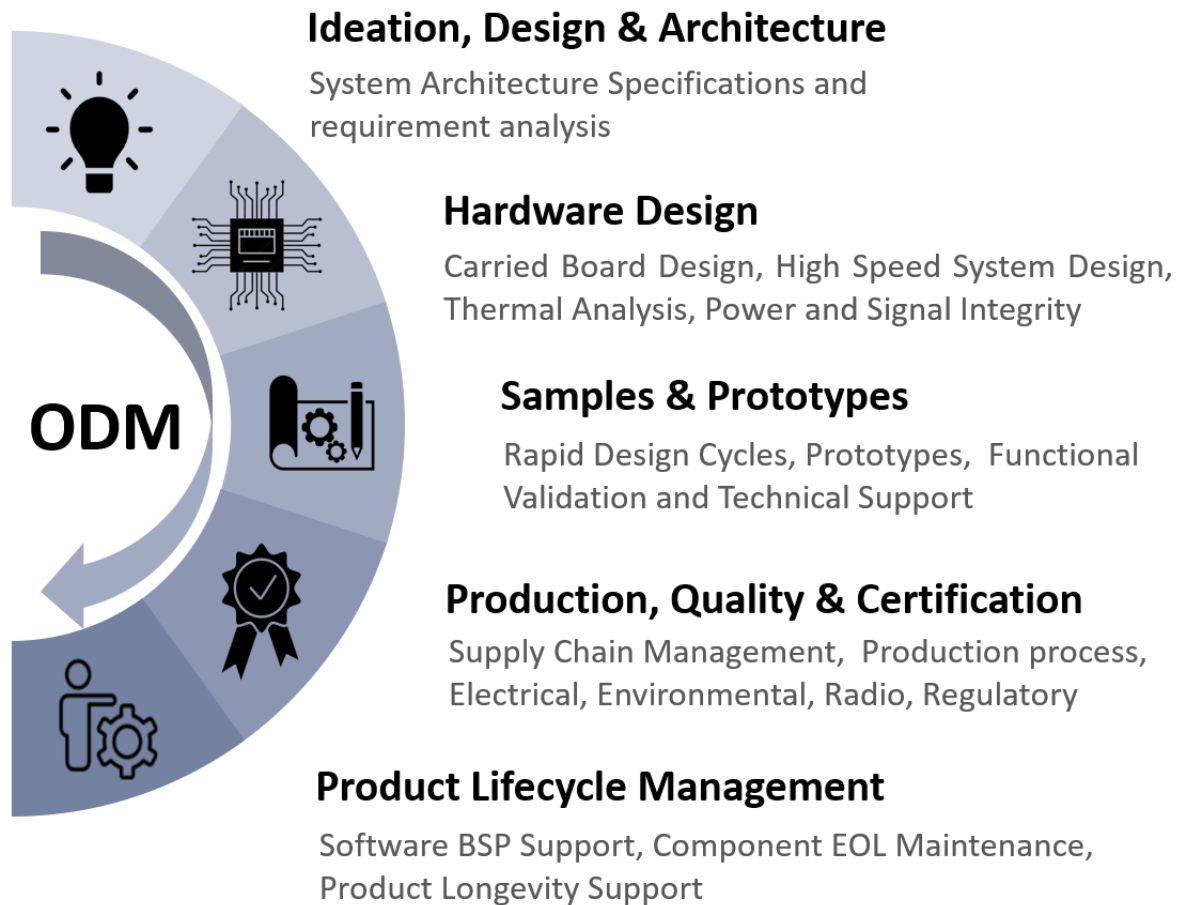
including PLM like board design, PCB layout, programmable logic, enclosure designs and Qualifications. We specialize in integrating FPGAs, DSPs, microprocessors, as well as intricate RF, analog, and power systems, covering the entire process from initial architectural planning to production support.

Our integrated approach to custom design and manufacturing ensures seamless execution at every stage of the process. Whether it's prototyping, testing, or full-scale production, we prioritize attention to detail and quality assurance to deliver products that inspire confidence and leave a lasting impression.

Explore the possibilities with us and unlock the potential of custom design and manufacturing. Let's embark on a journey of creativity and collaboration, where your vision becomes our mission to fulfill.



Stages of Custom Design Manufacturing:



Ideation and Prototyping

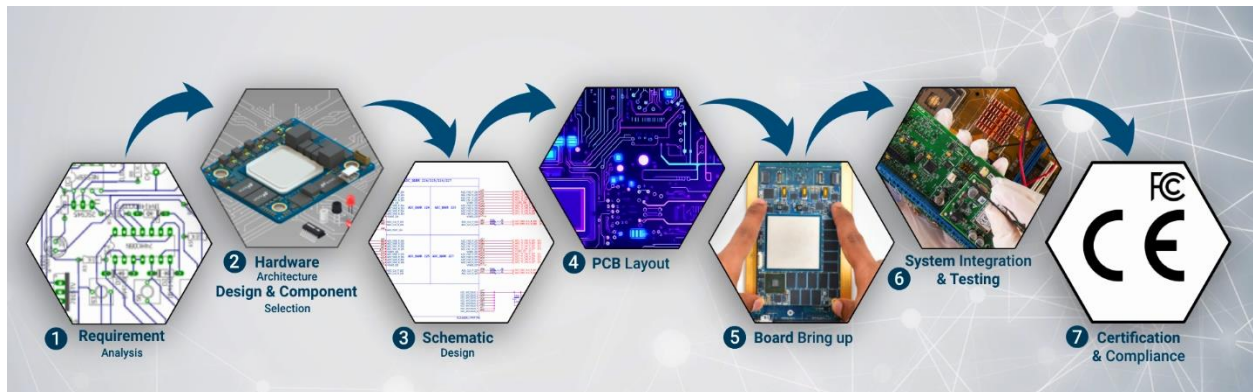
Here, we'll guide you through the exciting journey of turning your concepts into tangible prototypes, providing the tools and resources necessary to fuel your creativity and drive your projects forward.

Our approach is centered around fostering creativity, collaboration, and experimentation. Whether you're a seasoned entrepreneur or a budding inventor, we're here to support you at every step of the process. Join us as we explore the boundless possibilities of ideation and prototyping, and together, let's transform your visions into reality.

Hardware design and Manufacturing

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Product Certification & Qualification

Product certification and qualification are essential processes that ensure a product meets predefined standards and requirements, confirming its compliance with industry-specific regulations and specifications. Certification typically involves a third-party assessment to validate that a product adheres to safety, performance, and quality standards. Qualification, on the other hand, may encompass a broader evaluation, including assessing a product's compatibility with certain environments or specific use cases. Both certification and qualification aim to instill confidence in consumers, businesses, and regulatory bodies regarding the reliability and efficacy of the product, fostering trust in the marketplace and contributing to overall safety and quality assurance.

Certifications:



3rd Party Accredited Labs:



Product Lifecycle Management

The product development life cycle describes how new ideas reach the market. From concept to commercialization, it guides prospective builders through the product development process in a way that minimises risk while increasing the likelihood of success.

Contact us:



iWave Global



T1-5F-7B,

RAKEZ Center,

Al Hamra Industrial Zone-FZ,

Ras Al Khaimah, UAE



+971 543 685776



mktg@iwave-global.com