

Which company makes reliable intelligent micro-modules in North Asia



Overview

Integrated Micro-Electronics, Inc. (IMI), the electronics manufacturing subsidiary of Ayala Corporation, is a leading global electronics manufacturing solutions expert specializing in highly reliable and quality electronics for long product life cycle segments in the automotive . Integrated Micro-Electronics, Inc. actively compete using breakthroughs in fabrication technology, memory solutions, and large-scale production. Our. The global intelligent power module market size is estimated at to hit around USD 5. 77 billion in 2024 with a CAGR of 8. The top companies operating in the intelligent power module market are Sino Microelectronics, Hangzhou Silan Microelectronics. Comprehensive portfolio of IGBT, SiC MOSFET, thyristor, and diode power modules for industrial, automotive, and renewable energy applications What is a power module?

Power modules are packages for power semiconductor devices. These devices, also referred to as dies or chips, are made of different. Vertiv has introduced the Vertiv SmartAisle 3, a micro modular data center system that utilises AI, providing enhanced intelligence and enabling efficient operations within the data center environment. Now available in APAC the SmartAisle 3 can be configured up to 120kW of total IT load and is. From sensing and control, to compute, memory and beyond, Renesas powers the complete analog signal chain, where AI meets reality. The new 650V GaN Bi-Directional Switches reduce system cost, size, and complexity for AI infrastructure, solar inverters, energy storage, and more.

Article Content

About | IMI

Learn more about the global manufacturing company IMI with headquarters based in Laguna, Philippines committed to deliver manufacturing solutions.

Intelligent Power Module Market Size, Share Report

Key intelligent power module market trends include integration of advanced protection features, improved thermal management, and higher power

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Intelligent Power Module Market

Discover strategic insights into the intelligent power module market as demand for energy-efficient power electronics rises.

IMI | Global Manufacturing Solutions

Integrated Micro-Electronics, Inc. (IMI), the electronics manufacturing subsidiary of Ayala Corporation, is a leading global electronics manufacturing

Intelligent power modules (IPM) | Infineon Technologies

We provide a comprehensive portfolio of Intelligent Power Modules (IPMs) covering a wide range of semiconductor technologies, package types, and

Micron Technology | Global Leaders in Semiconductors

Explore Micron Technology, leading in semiconductors with a broad range of performance-enhancing memory and storage solutions

Our Capabilities

By checking the box you consent to Integrated Micro-Electronics Inc. using your contact details to keep you informed by email about its other products, services

Top Asia-Pacific Semiconductor Device Companies

Get profiles of Asia-Pacific Semiconductor Device companies - leading, established, and top emerging players - with analyst insights, competitive matrices, and

Asia Pacific Intelligent Micro Module Data Center Market Key

The Asia Pacific intelligent micro module data center market is positioned at a pivotal juncture, driven by a confluence of technological innovation, regulatory support, and evolving...

Vertiv introduces next-generation micro modular data

Vertiv has introduced the Vertiv SmartAisle 3, a micro modular data center system that utilises AI, providing enhanced intelligence and enabling

13 Leading Intelligent Power Module Companies Shaping the Market ...

Discover the top 13 leading intelligent power module (IPM) companies driving innovation, efficiency, and competitive advantage across industrial, automotive, and renewable energy sectors.

Intelligent Power Module (IPM) Devices

Reduce design time and effort with the STPOWER portfolio of highly integrated, high-efficiency power modules for flexible, compact, and robust solutions

Intelligent Power Module

The top companies operating in the intelligent power module market are Sino Microelectronics, Hangzhou Silan Microelectronics, STMicroelectronics, Sanken Electric, Rohm Semiconductor,

Renesas Electronics Corporation | Renesas

A global leader in microcontrollers, analog, power and SoC products, Renesas delivers trusted embedded design innovation to shape a limitless future.

Top 10: Modular Data Centre Companies | Data Centre

Here we highlight the top 10 companies leading the modular data centre revolution, ranked by market leadership, innovation, global scale and

Smart Power solutions for Microgrids | Solutions | ABB

We help companies of all sizes and sectors, from automotive to electronics and logistics, to become more resilient, flexible, and efficient. ABB offers a comprehensive range of reliable and high efficiency

Comprehensive Overview of Intelligent Power Modules (IPM) Trends:

The Intelligent Power Module (IPM) market is booming, projected to reach \$2102.9 million in 2025, with a CAGR of 6.9% through 2033. Driven by EVs, renewable energy, and industrial

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Smart Modular Data Center Facilities

Organizations are increasingly moving to intelligent data center solutions that deliver the agility, reliability, and efficiency that support the rapid service

Intelligent Power Module Market Size and Forecast,

Intelligent Power Module Market is estimated to be valued at US\$ 2.61 Bn in 2026 and is expected to expand at CAGR of 12.2%, reaching US\$

Power modules

Find the right power module for your application with Infineon's wide range of solutions, designed for efficiency, reliability, and performance.

Vertiv introduces next-generation micro modular data

Vertiv enriched the Vertiv SmartAisle 3 with AI features to help our customers simplify their data center operations, so they can have greater

Intelligent Power Module Market Size to Hit USD 6.03

The global intelligent power module market size is estimated at USD 2.99 billion in 2025 and is predicted to reach around USD 6.03 billion by 2034,

Micron Technology | Global Leaders in Semiconductors

Micron engineers advanced memory and storage solutions designed to meet the dynamic demands of industrial IoT and aerospace systems. Our technologies

The Intelligent Micro Module, the Element of Intelligent

The Intelligent Micro Module can provide simultaneous, efficient operations in order to provide the best green data center, the best asset management, and optimum

Landing Page | IMI Microsite

Integrated Micro-Electronics, Inc. (IMI), the electronics manufacturing subsidiary of Ayala Corporation, is a leading global electronics manufacturing solutions expert

37 Power Module Manufacturers in 2026

37 Power Module Manufacturers in 2026 This section provides an overview for power modules as well as their applications and principles. Also, please take a

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