

Which company in Taiwan specializes in intelligent micro-modules



Overview

Rayleigh Vision Intelligence is a Taiwan-based semiconductor startup focused on high-efficiency optical communication modules for AI and HPC applications. Notable offerings include the MediaTek Dimensity 5G platforms and AI-capable IoT chipsets, which. Taiwan Semiconductor Manufacturing Co. (TSMC) was founded in 1987 by Chung Mou Chang with its headquarters in Hsinchu, Taiwan. The company is the largest manufacture and exporter of integrated circuits (IC) and silicon wafer in Cleanroom Environment. If you're interested in the Semiconductors market, also check out the top Thermal Management or. Taipei, Taiwan — May 2025 — As the global AI boom drives soaring energy demand, Taiwanese semiconductor startup Rayleigh Vision Intelligence (RVI) unveils a breakthrough innovation poised to transform the data infrastructure landscape. Here are ten highly representative semiconductor companies in Taiwan's semiconductor industry, covering multiple links from foundry, IC design. Major domestic IC manufacturers such as MediaTek, Realtek, and PixArt Imaging discuss various AIoT development projects in Taiwan.



Article Content

Taiwan Smart Factory Landscape

Taiwan's Electronic Manufacturing Services (EMS) for laptop computers, mobile phones & consumer electronics has no rival in terms of manufacturing technology, cost control, and supply chain

Introduction-Smart Microsystems Technology Center-Industrial

Smart Microsystem Technology Center focus on MEMS process integration, devices and module design, and Intelligent bio-microsystem integration. The micro-sensing/actuating system and sensor

TAIWAN AND THE GLOBAL SEMICONDUCTOR SUPPLY CHAIN

Companies based in the United States are particularly strong in design processes, accounting for 72% of all fabless revenue, 42% of revenue among companies that do both design and manufacturing, and

2024 Taiwan's solar PV module shipment ranking: Local brands

By prioritizing the use of its own modules in in-house projects and integrating its self-developed cell production lines, Voyager aims to strengthen its vertical integration advantage. Its

Top 100 Semiconductor Companies in Taiwan (2026)

Actron Technology Corp specializes in manufacturing automotive diodes and power modules, integrating advanced technologies like SiC and GaN to create intelligent

Company Profile

Established in 1983, Microelectronics Technology Inc. (MTI) was the first company to specialize in the designing and manufacturing of microwave and satellite

Semiconductor Companies in Taiwan: The Silicon

Taiwan Semiconductor Manufacturing Company (TSMC): The largest semiconductor company globally by market cap and foundry services. Founded in

AI Transmission Revolution! Taiwan Startup "Rayleigh Vision ...

Rayleigh Vision Intelligence is a Taiwan-based semiconductor startup focused on high-efficiency optical communication modules for AI and HPC applications. Specializing in laser mass transfer, MicroLED

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 voltage/current

Smart Modules Powered by Taiwanese Chips Drive

Taiwan's IC smart module standard framework provides development tools, integrating cross-domain technologies to create innovative, cross-industry

101 Best Taiwan Semiconductor Startups

This article showcases our top picks for the best Taiwan based Semiconductor companies. These startups and companies are taking a variety of approaches to innovating the

Top 10 Largest Semiconductor Companies in Taiwan

Detailed info and reviews on 9 top Semiconductors companies and startups in Taiwan in 2026. Get the latest updates on their products, jobs,

Top 10 semiconductor companies in Taiwan

Taiwan Semiconductor Manufacturing Company Limited (TSMC; also called Taiwan Semiconductor) is a Taiwanese multinational semiconductor

Top 10 Semiconductor Companies in Taiwan

Explore the top 10 semiconductor companies in Taiwan, including TSMC, MediaTek, UMC, and others. Discover why the Taiwan semiconductor industry is vital to the global chip supply chain.

A comprehensive analysis of the Taiwan RF Over Fiber Modules

Taiwan RF Over Fiber Modules facilitate high-frequency signal transmission over fiber optic cables, crucial for modern communication systems, including 5G networks and satellite communications.

Guide to Taiwan's semiconductor industry

For that reason, PwC has compiled this concise guide to Taiwan's semiconductor industry to assist international high-tech companies to understand the sector and

Key Players in Taiwan's IC Industry Powering AIoT

Major domestic IC manufacturers such as MediaTek, Realtek, and PixArt Imaging discuss various AIoT development projects in Taiwan. The IoT

Micron Technology | Global Leaders in Semiconductors

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

About TSMC

TSMC brings about innovation through technology, while we relentlessly drive technological advancement through integrated circuits. In addition to keeping up the momentum in our core

Top 15 Taiwan Electronic Component Suppliers

Top 15 Taiwan Electronic Component Suppliers Taiwan has a highly developed, highly diversified economy with a significant industrial sector. Numerous well

Smart Modules Powered by Taiwanese IC Drive

Intelligent Cost Optimization is a Competitive Advantage By TechInsights 04.24.2026
In this regard, the III has established Taiwan's IC smart

Taiwan and the cutting-edge of innovation

Taiwan has long been a crucial partner in the global supply chain of semiconductor design and fabrication, typically assembling products for other companies to sell

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