Thailand Optical Coupler IC Chip Brands



Overview

Discover all relevant Semiconductor Companies in Thailand, including Stars Microelectronics (Thailand) and Bluechips Microhouse Co., Ltd.

Key Takeaways

Hana Semiconductor, ROHM, Toshiba Semiconductor, and Sony Device Technology are key players in Thailand for optical coupler ICs and related optoelectronic components.

Key Companies and Capabilities

Hana Semiconductor (Ayutthaya) specializes in IC assembly and testing, including optocouplers, MEMS, sensors, and hybrid ICs. They offer advanced packaging solutions such as multi-die, stacked die, system-in-package (SiP), and clear optical packages, with a daily capacity of ~20 million units and ISO certifications including ISO 9001, IATF 16949, and ISO 13485, ensuring high-quality production for optical couplers.

ROH

M Integrated Systems (Thailand) operates assembly and testing facilities for a wide range of ICs, including optoelectronics and photocouplers, serving automotive, industrial, and consumer markets. Toshiba Semiconductor (Thailand) focuses on back-end processes for small signal devices and photocouplers, providing assembly and packaging services for optoelectronic ICs. Sony Device Technology (Thailand) assembles image sensors, laser diodes, and other optoelectronic components, which are relevant for optical coupler applications in automotive and data center systems.

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Additional Semiconductor Service Providers

Other notable companies in Thailand that support IC assembly, testing, and optoelectronic components include: Stars Microelectronics – Offers full-service OSAT and EMS solutions, including IC assembly and PCB integration. Angel Technology Electronics Co. – Provides PCBA and IC solutions for automotive and medical electronics, including optoelectronic devices.

UTA

C Holdings Ltd – Independent provider of assembly and test services for a broad range of semiconductor chips, including optical couplers. Market ContextThailand's semiconductor market is growing, with a focus on optoelectronics, sensors, and integrated circuits. The country serves as a hub for assembly, testing, and packaging (ATP), representing 2% of global ATP capacity.

Local companies are increasingly supporting high-growth niches such as IoT, automotive electronics, and AI applications, which often require optical coupler ICs. These companies provide both standard and custom optical coupler IC solutions, making Thailand a viable source for sourcing, assembly, and testing of optoelectronic components.

Article Content

Top 19 Semiconductor Companies in Thailand (2026)

Discover all relevant Semiconductor Companies in Thailand, including Stars Microelectronics (Thailand) and Bluechips Microhouse Co., Ltd.

Thailand''s Semiconductor and Electronics Industry

Notable IDMs with in-house assembly and testing in Thailand include Infineon, NXP, Microchip, Analog Devices, and Rohm, meanwhile, the significant EMS players that offering IC assembly and test

Thailand Semiconductor Market Size, Share, 2025-2030

Hana Microelectronics PLC, Western Digital (Thailand) Co., Ltd., Silicon Craft Technology PLC, Stars Microelectronics (Thailand) PLC and ROHM

The 10 Best Semiconductor Companies in Thailand 2026

Are You Looking For the Best semiconductor companies and distributors In Thailand? You''ve come to the right place, this list will tell you

Top Semiconductor Manufacturing Companies in

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In Thailand, the semiconductor manufacturing industry presents various key considerations for potential investors and companies. The country benefits from

Semiconductors in Bangkok, Thailand

The Semiconductors sector in Bangkok, Thailand comprises 20 companies, including 4 funded companies having collectively raised $50K in venture capital money and private equity.

Who supplies semiconductor in Thailand? Manufacturers and

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Thailand''s Semiconductor and Electronics Industry

Thailand''s capabilities in the front-end semiconductor industry are limited. Conversely, it serves as a production hub for back-end semiconductor and downstream industries, including PCB, PCBA, and

Optical Transceiver Market: Top 10 Manufacturers Ranked

Optical transceiver market leaders: the top 10 manufacturers powering 400G and 800G modules for hyperscale data centers and AI networking.

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Edge Couplers in Silicon Photonic Integrated Circuits: A

Optical interconnects is an important issue in silicon photonic integrated circuits for transmitting light, and fiber-to-chip optical interconnects is

Optocoupler

Find your optocoupler easily amongst the 25 products from the leading brands (Renesas, VISHAY, MURRELEKTRONIK, ...) on DirectIndustry, the industry

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Opto-isolator

An opto-isolator contains a source (emitter) of light, almost always a near infrared light-emitting diode (LED), that converts electrical input signal into light, a closed optical channel (also called dielectrical

Top 10 Opto-coupler Companies in the World

Below we have enlisted the top 10 Opto-Coupler Companies in the World paving the future and dominating the Opto-Coupler market.

10 companies in the optical transceiver industry chain 2024

The rapid development of AIGC has promoted the demand for 800G optical modules, and the entire industrial chain involving optical components, optical modules, and optical communication

Optocoupler: Its Types and Various Application in

Opto-coupler is an electronic component that transfers electrical signals between two isolated circuits. Optocoupler also called Opto-isolator,

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