

Article Overview

ASM Pacific Technology (ASMPT) provides semiconductor assembly and packaging equipment in Malta, supporting optical communication and other advanced semiconductor applications.

ASMPT Presence in Malta

ASM Pacific Technology (ASMPT) is a global leader in semiconductor assembly and packaging equipment, including solutions for optical communication devices, flip-chip assembly, wafer bumping, and underfill processes . ASMPT operates in Malta through its regional SMT solutions team, offering specialized equipment support, sales, and service for semiconductor manufacturers . Their equipment portfolio includes back-end assembly systems, materials, and surface mount technology (SMT) solutions, which are critical for high-precision optical communication packaging.

Related Semiconductor Facilities in Malta

- o STMicroelectronics Malta: While primarily a semiconductor manufacturer, STMicroelectronics Malta operates a large assembly and testing facility in Kirkop, Malta, with advanced Industry 4.0 capabilities. The plant handles over 1,200 products, including microcontrollers, MEMS, sensors, and power devices, which may involve optical communication components . This facility could serve as a potential partner or end-user of ASMPT packaging equipment.
- o ALTER Technology: ALTER is an OSAT (Outsourced Semiconductor Assembly and Test) provider in Europe, offering IC assembly, packaging, and testing services for devices such as MEMS, sensors, laser diodes, LEDs, and VCSELs . They provide full back-end services including package design, flip-chip assembly, and hermetic die packaging, which are relevant for optical communication applications.

Summary

For companies or engineers in Malta seeking ASM optical communication packaging equipment, ASMPT is the primary manufacturer and supplier, offering both equipment and technical support locally . Additionally, Malta hosts advanced semiconductor assembly and OSAT facilities like STMicroelectronics Malta and ALTER, which may utilize or integrate ASMPT equipment for optical communication device packaging . These resources provide a strong local ecosystem for semiconductor packaging and optical communication manufacturing.

Class Optical is the market leader in the optical industry in Malta with over 40 years of experience in



Malta ASM optical communication packaging equipment manufacturer

manufacturing, trading and retail.

Packaging in Malta and Gozo. Find Packaging in Malta and Gozo. Now you can sort

OFP has over 30 years of experience with specialty fiber optic connectors, feedthroughs, assemblies, components, and more.

Technology and products ASM delivers a focused set of core technologies that enable atomic level materials control in high volume

MCL Pack is a plastic packaging manufacturer specialising in all kinds of food and non-food custom plastic packaging worldwide.

ASM is creating tomorrow's building blocks, building machines that make it possible to produce even smaller chips. Find out how

Since our founding in 1975, ASMPT has continuously evolved and transformed itself through sustained

A leading global supplier of hardware and software solutions for the manufacture of semiconductors and electronics.

Industry-leading precision for ultrathin, conformal films critical to advanced logic, memory, and packaging, enabling angstrom-level

At ASM, we're shaping the future at the atomic level. We enable the next generation of microchips by empowering leading

Als größter Lieferant für Best-in-Class Equipment und Partner unterstützt ASMPT Elektronikfertiger beim Aufbau ihrer Intelligent

We offer a distinct product and technology portfolio for sensing, illumination and visualization from high-performance LEDs and lasers

ASMPT is the only company in the world offering a comprehensive portfolio of integrated solutions for all major steps in electronics

With our broad product portfolio, we cover semiconductor and electronics manufacturing applications, thus creating optimal

In the mid 1970s, ASMPT was founded in Hong Kong, becoming a market leader in back-end semiconductor



Malta ASM optical communication packaging equipment manufacturer

assembly and

Optical communication is the first major achievement of optoelectronics. It has the advantages of low loss, large capacity, strong

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