



MetaOptics Announces Strategic Expansion into Malaysia with Incorporation of Wholly-Owned Subsidiary

SINGAPORE, 2 October 2026 /PRNewswire/ -- MetaOptics Ltd (Catalist: 9MT) ("MetaOptics" or the "Company", and together with its subsidiaries, the "Group"), a leading-edge semiconductor optics company, today announced the incorporation of its wholly-owned Malaysian subsidiary, MetaOptics Technologies Sdn. Bhd. The incorporation affirms the Group's commitment to advancing next-generation optical technologies and strengthening cross-border collaborations with Malaysian supply chain partners in semiconductor manufacturing, integrated photonics and nanophotonics. It also marks a key milestone in the Company's global strategy to deliver high-performance metalens solutions to customers worldwide.

Despite ongoing macroeconomic challenges, the Group continues to see significant opportunities across metalens applications following sustained engagements with customers on the design and fabrication of metalenses and modules. Conventional lenses have reached their physical limits. Metalenses enable further miniaturisation and offer high thermal stability. These key differentiators open up a wide range of applications across multiple industries. The nanometre-level accuracy of metalenses improves transmit and receive efficiencies in co-packaged optics (CPO), supporting faster data transmission in data centres.

Establishment of a Metalens Capital Equipment Platform in Penang, Malaysia, Supporting the Mass Production of Metalenses

The Group's expansion into Malaysia is expected to be anchored by a first-mover, key metalens manufacturing capital equipment facility in Penang. The facility will house three core equipment platforms:

- a) **A proprietary, first-to-market, fully automated assembly and testing system for metalens camera modules. Component assembly and testing stations are designed to fit within a single machine** for high throughput and optimum cleanroom space utilisation. Advanced metalens optical modules will also be assembled using this machine. This closed-loop approach allows proof of assembly and design for mass production within a single facility. This shortens lead times across the product launch process.
- b) **MetaOptics' next-generation 12-inch direct laser writer (DLW) platform**, which will enable simultaneous writing of hundreds of metalenses for high-volume mass production of co-packaged optics at 0.1mm lens diameter. The platform will easily integrate into standard semiconductor processes, offering a cost-effective mass production solution with low maintenance, high production uptime, and ease of conversion.
- c) **Wafer-level automatic metalens testers**: automated optical metrology systems that characterise metalens performance, including point-spread function, modulation transfer function (MTF), throughput and uniformity across the visible, near-infrared and short-wave infrared bands. Scalable from single-coupon benches for research and development to full-wafer testers for production quality control.

Mass production and fabrication, volume assembly and testing will sit in close proximity. This enables shorter development cycles, improved production yields and a faster path from prototyping to commercial-scale mass production.

Strategic Entry into Malaysia



Malaysia offers a deep pool of engineering and semiconductor talent, and its proximity to Singapore speeds up operational execution, particularly in supply chain management and deliveries. The Group looks forward to working closely with Malaysian investors and government agencies to develop the metalens industry in Malaysia.

*Mr Thng Chong Kim, Executive Chairman of MetaOptics, said: “**Malaysia provides an established semiconductor base, a deep process-engineering pool and proximity to customers and suppliers. The incorporation of MetaOptics Technologies Sdn. Bhd. will enable us to establish the fabrication, assembly and testing capabilities in Malaysia. This will serve the growing metalens industry in the region.**”*

Singapore Remaining as the Group’s Headquarters

The Group continues to execute on its multi-pronged growth strategy across its 4 core business segments:

- (i) Metalens capital equipment
- (ii) Metalens design and foundry
- (iii) Metalens IoT products and smart devices
- (iv) AI algorithms

As the Group continues to grow internationally, Singapore will continue to remain the Group’s headquarters and core research and development base. It will continue to serve as the centre of excellence for the Group’s technology, metalens design, product development, strategic planning and the coordination of the four core divisions.

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About MetaOptics Ltd

MetaOptics Ltd (Catalist: 9MT) is a leading-edge semiconductor optics company pioneering glass-based metalens solutions enhanced by AI-driven image processing. Using advanced optical design and a scalable 12-inch DUV lithography process, it powers next-generation applications in CPO, mobile, AR VR, automotive and other emerging markets. Headquartered in Singapore, MetaOptics aims to deliver high-performance optics with the reliability and scalability demanded by today’s most innovative technology brands. Find out more at www.metaoptics.sg.

Forward-Looking Statements

This press release may contain forward-looking statements that involve known and unknown risks, uncertainties and other factors, many of which are beyond the Company’s control. A number of factors could cause actual results to differ materially from those contained in any forward-looking statement, including but not limited to the Company’s growth strategies, its future business development, results of operations and financial condition, its research and development efforts, its ability to attract and retain customers, and its ability to establish and maintain relationships with suppliers and business partners; and assumptions underlying or related to any of the foregoing. All information provided in this press release is as of the date of this press release, and the Company undertakes no obligation to update any forward-looking statement, except as required under applicable law.

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This press release has been reviewed by the Company's sponsor, ZICO Capital Pte. Ltd. (the "Sponsor").

This press release has not been examined or approved by the Singapore Exchange Securities Trading Limited (the "SGX-ST") and the SGX-ST assumes no responsibility for the contents of this press release, including the correctness of any of the statements or opinions made or reports contained in this press release.

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