

Project Name	Republic of Singapore / Photomask Line Production Automation Demonstration Project		
Company Name	Tekscend Photomask Corp.	Company Size	SME • Other than SME
Category	Category 1 • Category 2 • Category 3	Project Field	GX • DX • Economic Security
Total Project Expenses/Total Subsidy Expenses/ Subsidy Application Amount	9.27 billion yen / 8 billion yen / 4 billion yen		

<p>Project Outline [Project Scheme]</p> <p>Tekscend Photomask Corp. (Grant applicant)</p> <p>↓ 100% owned</p> <p>Tekscend Photomask Singapore Pte. Ltd. (Local subsidiary)</p>	<p>【Outline】</p> <ul style="list-style-type: none"> Establish an automated production line for cutting-edge 28nm photomasks in Singapore to achieve increased production capacity and cost reduction. <p>【Key Technologies and Demonstrations】</p> <ul style="list-style-type: none"> Technology transfer of Texend Photomask's cutting-edge 28nm photomask process for ArF lithography, and demonstration of the first automated line construction by an external mask manufacturer By introducing EAP (Equipment Automation Process), FDC (Fault Detection Clarification), EDA (Engineering Data Analysis), etc., we achieved a photomask production line with 1.5 times the productivity per worker and a 15% improvement in yield. <p>【Schedule】</p> <ul style="list-style-type: none"> April 2026~ Equipment installation B of 2027 Sequential production start March 2029 Automation verification evaluation completed April 2031 New automated lines established in Japan 	<p>【Rendering of the New Singapore Factory】</p> 

Resulting benefits to Japan

【Points that this project contributes to innovation creation in Japan】

- Acquired the industry's first high-productivity automated line technology for external photomask sales, attracting 50 highly skilled local personnel

【Resulting domestic employment and investment benefits】

- Establish production lines utilizing proven automation technologies at two locations in Japan
- Expand the local semiconductor industry by constructing an advanced mask line in Singapore
- Promote sales of Japanese-made semiconductor equipment in Singapore