

## Notice Regarding Construction of a New EMS\* Factory in Singapore

**Industry’s pioneering multipurpose facility with showroom functions for the  
external marketing of in-house developed circuit board mounting process lines**

KAGA ELECTRONICS CO., LTD. (Head Office: Chiyoda-ku, Tokyo; Representative Director, President & COO: Ryoichi Kado; hereinafter, “the Company”), hereby announces that KAGA (SINGAPORE) ELECTRONICS PTE LTD. (Head Office: Singapore; President: Hiroaki Terui; hereinafter, “KAGA SINGAPORE”), its consolidated subsidiary, will be opening a new factory scheduled to start operation from April this year in Singapore.

\* EMS: an abbreviation of Electronics Manufacturing Service. Service for contracting out the development and production of electronic equipment.

### 1. Purpose and Aim of the New Singapore Factory Construction

The Company established KAGA THAILAND in 2002 as its core base for the EMS business in the ASEAN region. Currently, KAGA THAILAND has three factories in Thailand engaged in circuit board mounting, mainly for air-conditioning, office equipment, and automotive-related devices. Alongside Thailand, the Company has been expanding its production bases in Malaysia (in 2000), Indonesia (in 2014), and Vietnam (in 2017), through which it is responding to a wide range of customer needs extending from surface mounting of printed circuit boards to finished product assembly, primarily for Japanese companies with electronic and electrical equipment production networks in the region.

KAGA SINGAPORE was established in 1994 for the purpose of supplying semiconductors and electronic components to Japanese manufacturers of electronic and electrical equipment operating in the ASEAN region. It is now establishing a new factory to be equipped with automated circuit board mounting equipment that the Company is developing internally in collaboration with leading Chinese equipment manufacturers, based on the concepts of automation and labor-saving, to meet the growing demand in the region for high-mix, low-volume production. In addition, the new factory will serve as a multifunctional facility that incorporates a showroom for marketing these production systems to external customers, as well as a training center for customer-side operators.

While the Company’s internally developed automation equipment is already installed at sites in Towada (Aomori) in Japan, Suzhou, Shenzhen, and Hubei in China, as well as Amatanakorn in Thailand and Penang in Malaysia, this new factory will be the Company’s first facility to feature both showroom and training center functions. It also represents a pioneering initiative within the EMS industry.

### 2. Outline of the New Singapore Factory

Location	2 Corporation Road, <b>Corporation Place</b> , Singapore 618494
Total floor area	About 800 m <sup>2</sup>
Items produced	Installation of substrates for electronic and electrical equipment
Start of operation	April 2026 (planned)
Number of employees	14 (initial plan)
Investment amount	Approx. 100 million yen (initial investment)



<An overall view of **Corporation Place**>

**3. The “HATTEN” Series – Circuit Board Mounting Equipment Developed In-House**

Since 2018, the Company has been collaborating with several leading Chinese equipment manufacturers in the in-house development of production equipment, with the objective of enhancing its competitiveness in high-mix, low-volume manufacturing, which is one of the Company’s core strengths in the EMS business. These products are also sold to external customers under the “HATTEN” brand name.

A typical process line for printed circuit board mounting consists of the following production equipment. The Company offers a complete lineup of these products, all developed in-house.

[Main production equipment]

		
<p>(1) Solder paste printer A machine for printing solder paste on printed circuit boards</p>	<p>(2) Insertion machine A machine for wave soldering components such as through-hole components that cannot be mounted with surface mounting technology</p>	<p>(3) Reflow oven A device that transports printed circuit boards on a horizontal conveyor and uses hot air to melt and solidify solder paste</p>



		
<p>(4) Solder paste inspection machine A 3D solder inspection machine that measures solder volume and position deviation to prevent defects</p>	<p>(5) Surface mounting equipment An automated high-speed, high-precision machine that mounts tiny electronic components onto printed circuit boards</p>	<p>(6) Automated optical inspection An automated optical inspection machine that detects soldering defects such as bridging and insufficient solder</p>

■ **Inquiries from news media**  
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