

# Kaga Electronics Co.,Ltd. Financial Results Briefing Material

for the First Half of the Fiscal Year Ending March 31, 2020

November 28, 2019 KAGA ELECTRONICS CO., LTD.

TSE 1st section 8154

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# Consolidated Financial Results for the First Half of the Fiscal Year ending March 2020

Six months: April 1, 2019 - September 30, 2019

KAGA ELECTRONICS CO., LTD.

Managing Director

Eiji Kawamura

## Summary of Financial Results for the First half Ended September 30, 2019

### FY202020/3 2Q Results

- Close to twofold increase in net sales with contribution from the conversion of Fujitsu Electronics to a subsidiary.
- Income increases at all income levels, from operating income to profit; operating income and ordinary income at record highs.
- Growth both in sales and profits, in terms of both cumulative total of the 6 months and the most recent 3 months, underpinned by effects of corporate acquisitions and steady EMS business. First half closed on a strong note vis-à-vis full-year forecasts.

Overview of the Electronic Component segment

- Sales expansion in the EMS business notably in the areas of medical equipment and automotive devices.
- In the components sales business, strong performance of LED lightings and other consumer devices; contribution from new revenue sources of mobile phones and automotive devices as a result of the Fujitsu Electronics business addition.

Overview of the Information Equipment segment

- Strong sales of PCs for individuals, schools, and educational institutions driving overall growth of PC sales.
- The LED installation business affected by a pause in replacement demand from major customers. Decline of sales in housing-related home electronic appliances business from the effect of delivery date adjustments by customers.

Forecast for FY2020/3

- After careful assessment of uncertain outlook in the business environment and in view of solid progress made in 2Q, no revision to full year performance forecasts presented at the start of the fiscal year.
- No change in exchange rate assumptions used for the performance forecasts.

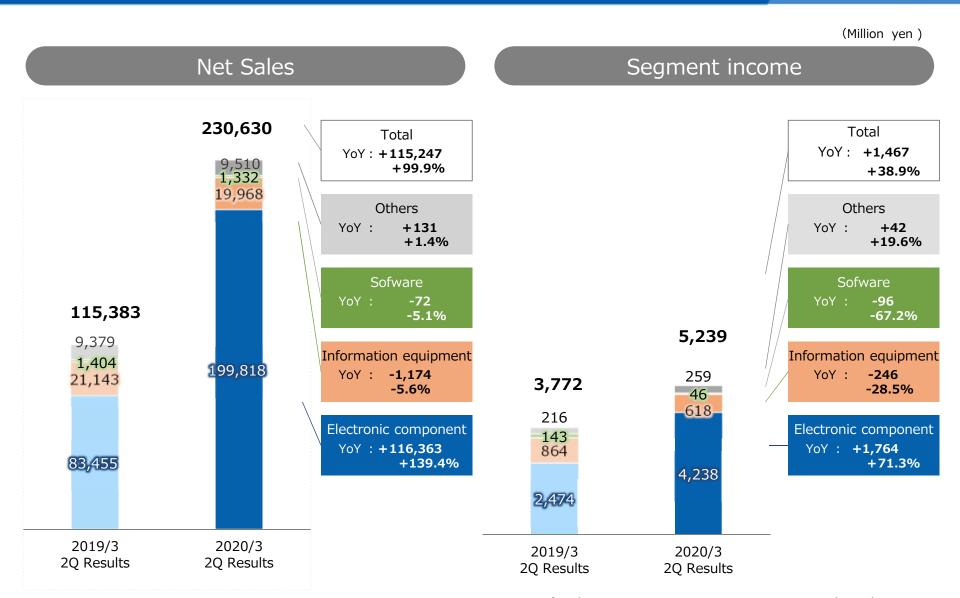
# Financial Highlights (6 months)

( Million yen )

		2Q Results	2Q Results	YoY	Forecasts	Progress Rate
Net sales		115,383	230,630	99.9%	430,000	53.6%
Gross profit		16,023	23,771	48.4%	46,500	51.1%
Gross pro	fit margin	13.9%	10.3%	-3.6pt		
SG&A		12,251	18,531	51.3%	39,500	46.9%
Operating income		3,772	5,239	38.9%	7,000	74.9%
Ordinary inco	ome	4,049	5,546	37.0%	7,000	79.2%
Profit attribu to owners of		2,750	3,502	27.4%	5,000	70.1%
EPS	(Yen)	100.25	127.62	27.37	182.17	-
FOREX	US\$ (Yen)	110.26	108.63	1.63	110.00	-



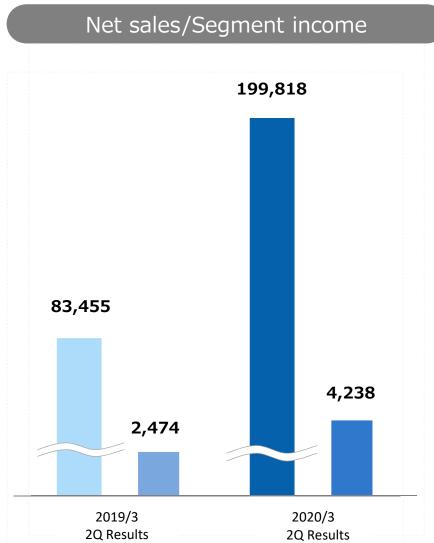
# Financial Highlights by Business Segment (6 months)





# Financial Highlights: Electronic Component Segment (6 months)





#### YoY

- Net sales + 116,363 million Yen 139.4% UP
- Segment +1,764million Yen 71.3%UPIncome

Steady performance of the EMS business led by medical equipment and automotive devices

The components sales business enjoys strong performance of LED lightings and other consumer devices, and contribution from new revenue sources of Fujitsu Electronics' mobile phones and automotive devices businesses.









# Financial Highlights: Information Equipment segment (6 months)

(Million yen)

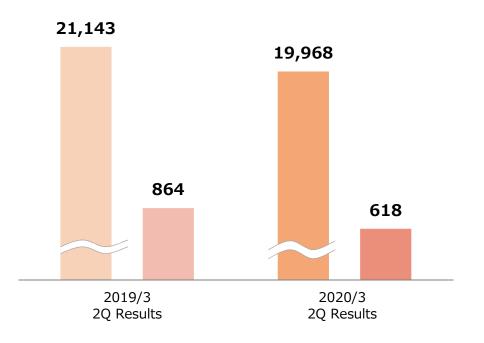
#### Net sales/Segment income

#### YoY

- Net sales -1,174million Yen 5.6%Down
- Segment -246 million Yen 28.5%DownIncome

PCs and PC peripherals for individuals, schools, and educational institutions record strong sales.

Pause in replacement demand for commercial facilities-related LED installation business, sales decline in the housing-related home electric appliances business



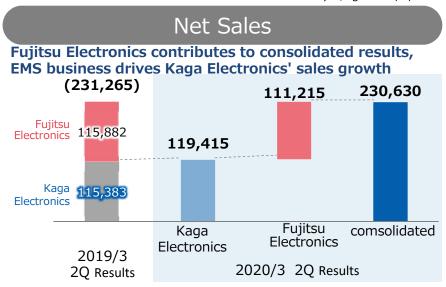






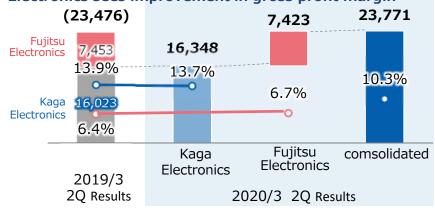
## Effect of Fujitsu Electronics conversion to subsidiary (FY2020/3 2Q Results)

\*\*In million yen, figures in ( ) are simple sums. Actual figures of Fujitsu Electronics for the previous period are for reference only.



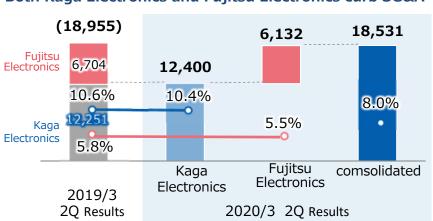
#### Gross profit / Gross profit margin

Kaga Electronics posts increase in gross profit, Fujitsu Electronics sees improvement in gross profit margin



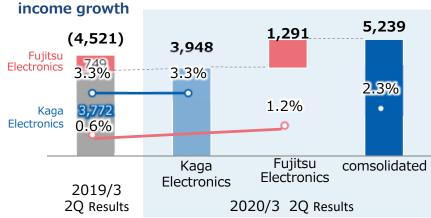
#### SG&A / SG&A ratio

#### Both Kaga Electronics and Fujitsu Electronics curb SG&A



#### Operating income / Operating income marjin

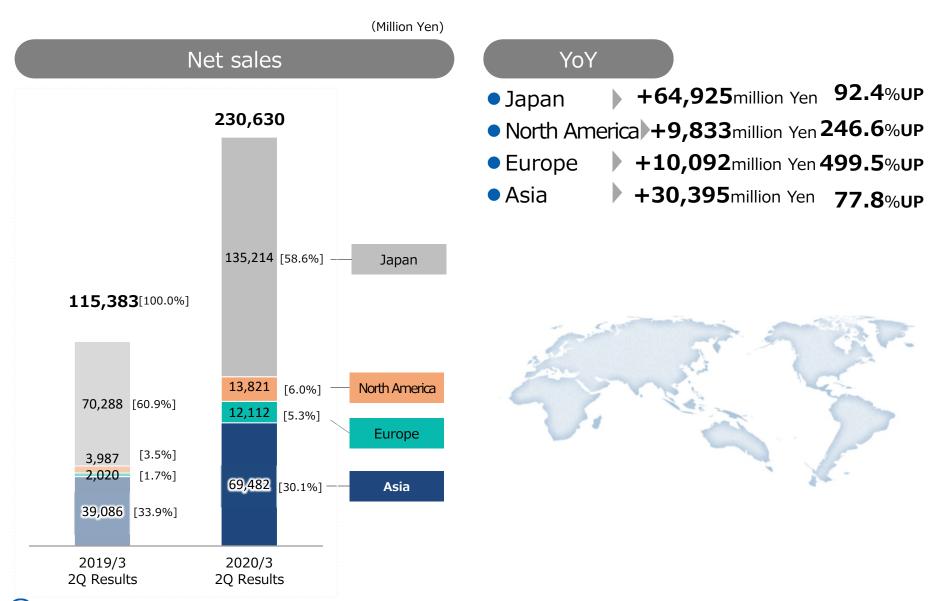
**Both Kaga Electronics and Fujitsu Electronics secure** 





(note) With respect to gross profit and operating income, figures presented above are before consolidation adjustments AGA ELECTRONICS COLLTD. between the two companies. For reference, after consolidation adjustments, gross profit stood at 5 million year, and operating income came to 5 million yen.

# Net Sales by Region (6 months)



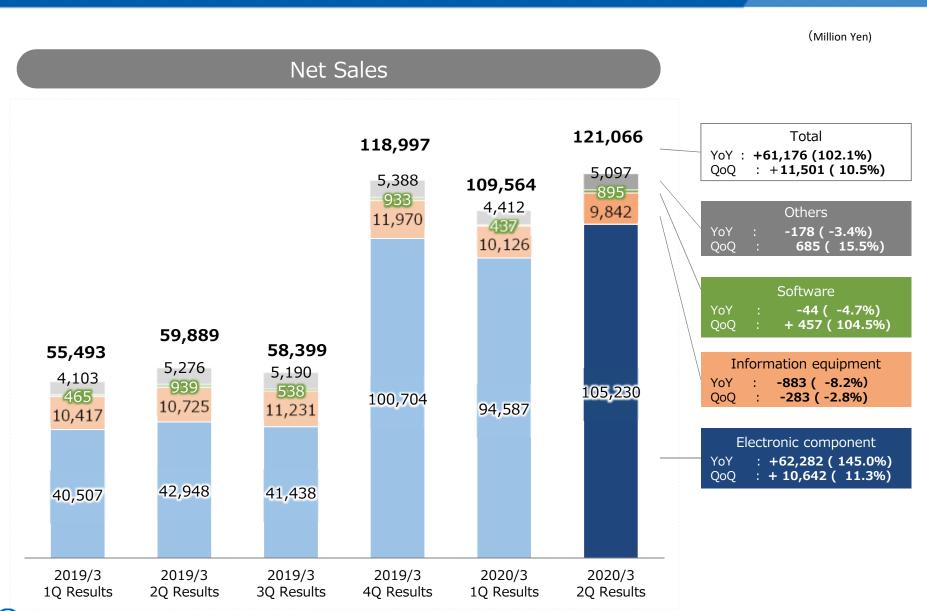
# Financial Highlights (3 months)

(million \	(en
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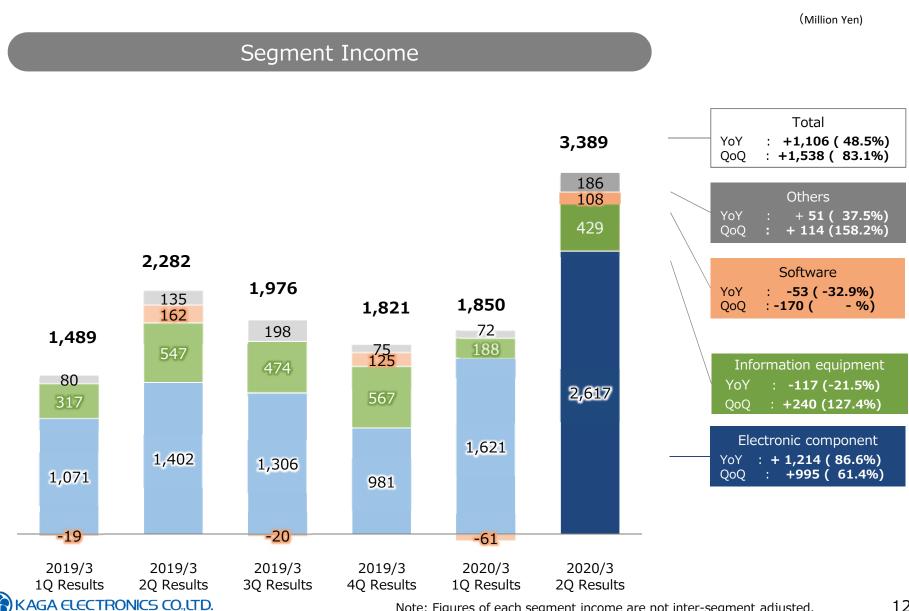
		2019/3 2Q Results	2020/3 1Q Results	2020/3 2Q Results	YoY	QoQ
Net sales		59,889	109,564	121,066	102.1%	10.5%
Gross profit		8,381	11,062	12,708	51.6%	14.9%
Gross profit marg	jin	14.0%	10.1%	10.5%	-3.5pt	0.4pt
SG&A		6,098	9,212	9,319	52.8%	1.2%
Operating income		2,282	1,850	3,389	48.5%	83.1%
Ordinary income		2,369	2,045	3,500	47.7%	71.1%
Profit attributable to owners of parent		1,601	1,350	2,152	34.4%	59.4%
EPS	(Yen)	58.38	49.20	78.42	20.04	29.22
FOREX US	(Yen)	111.46	109.90	107.35	-4.11	-2.55



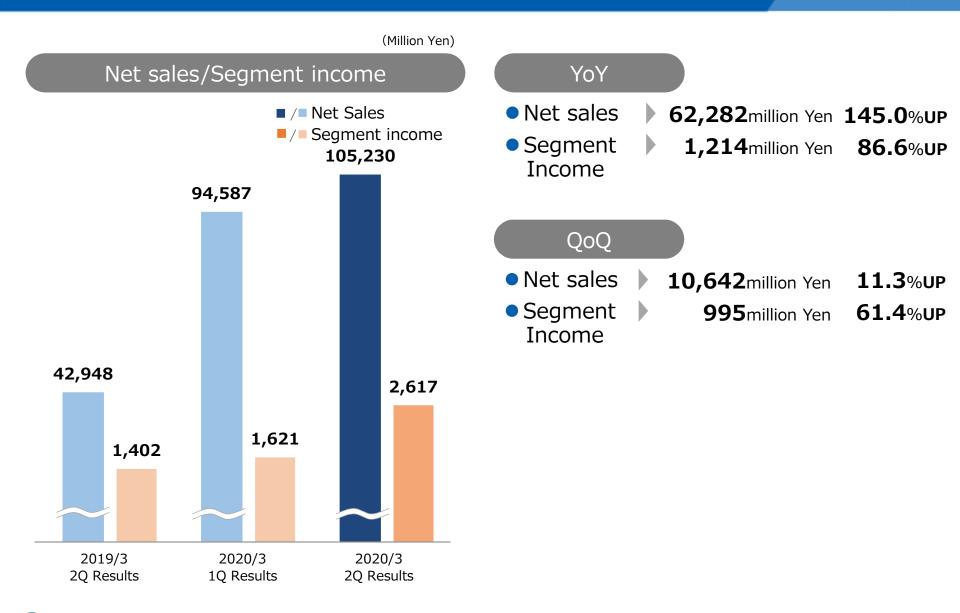
# Financial Highlights by Business Segment (Net Sales)



# Financial Highlights by Business Segment② (Segment Income)

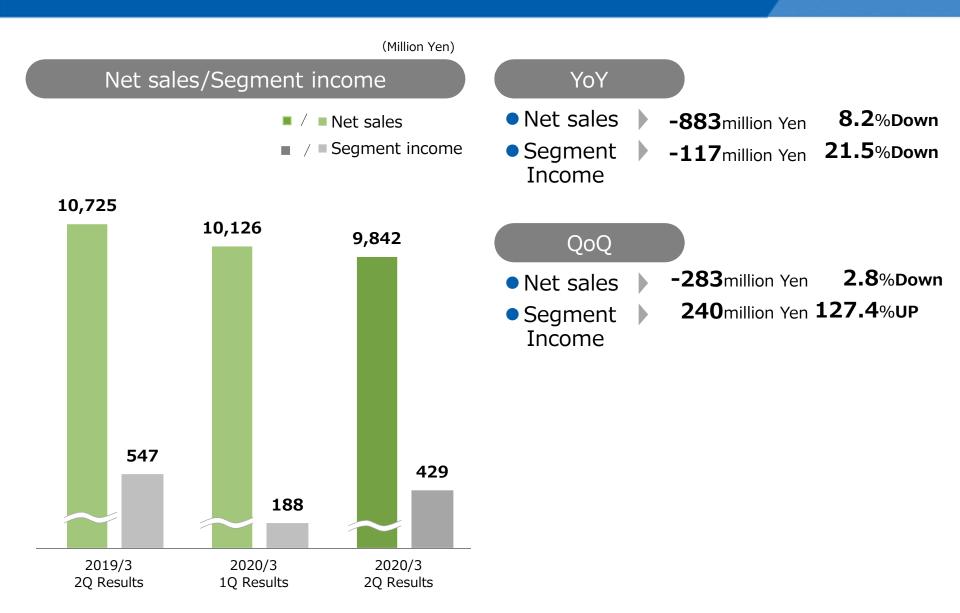


# Financial Highlights: Electronic Component Segment (3 months)



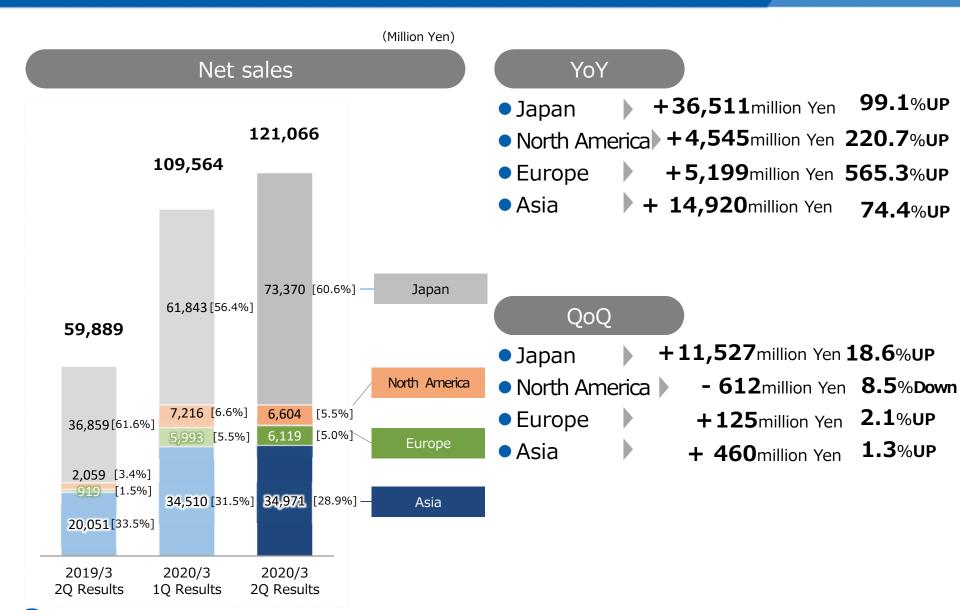


# Financial Highlights: Information Equipment Segment (3 months)





# Net Sales by Region (3 months)



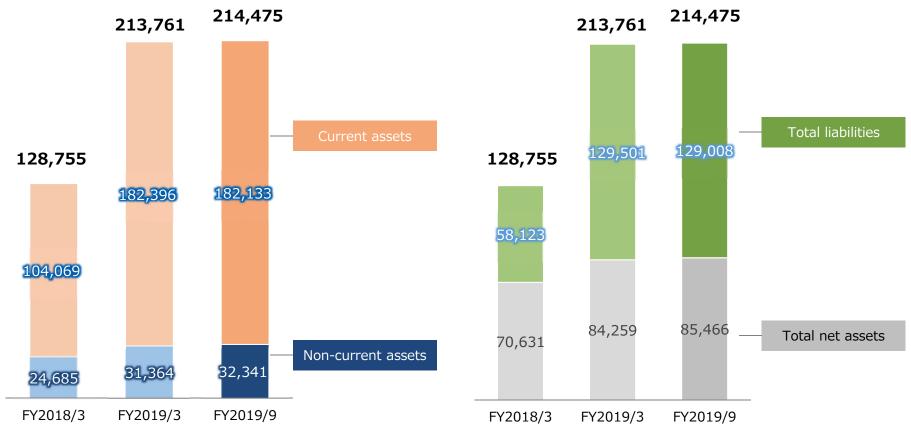


#### Balance Sheet: Main Items



#### Total assets

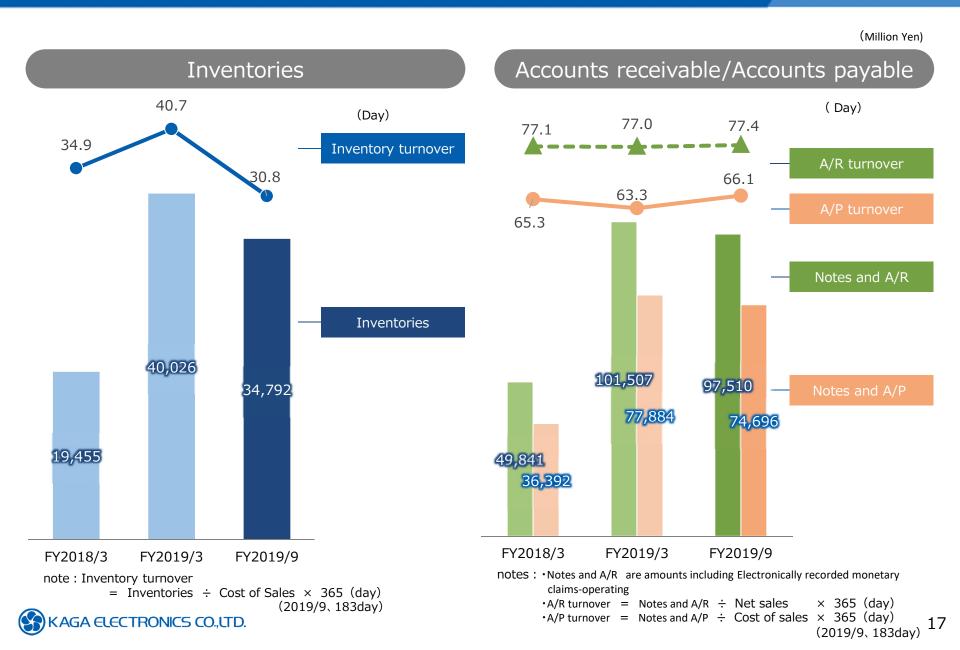
#### Total liabilities and net assets



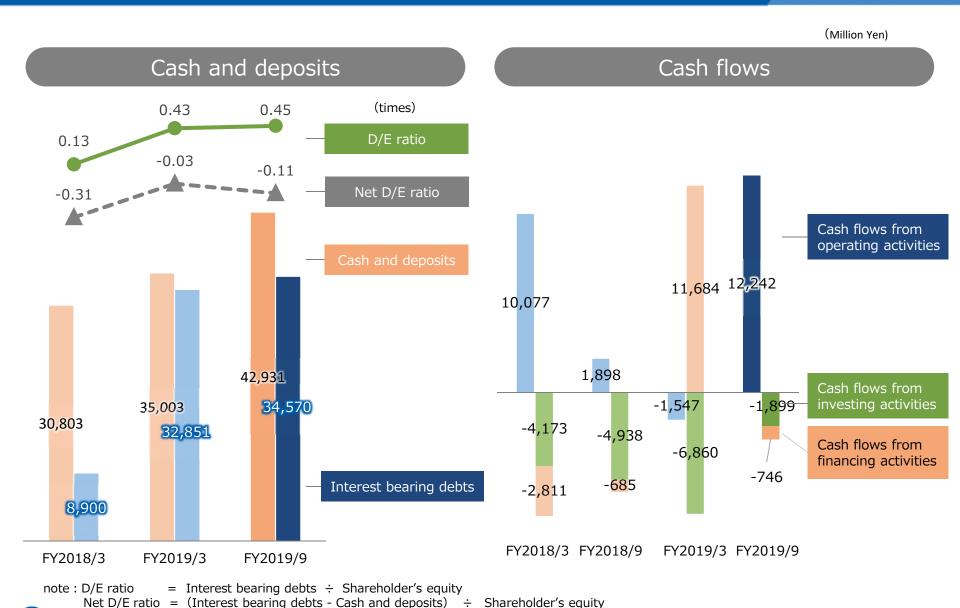




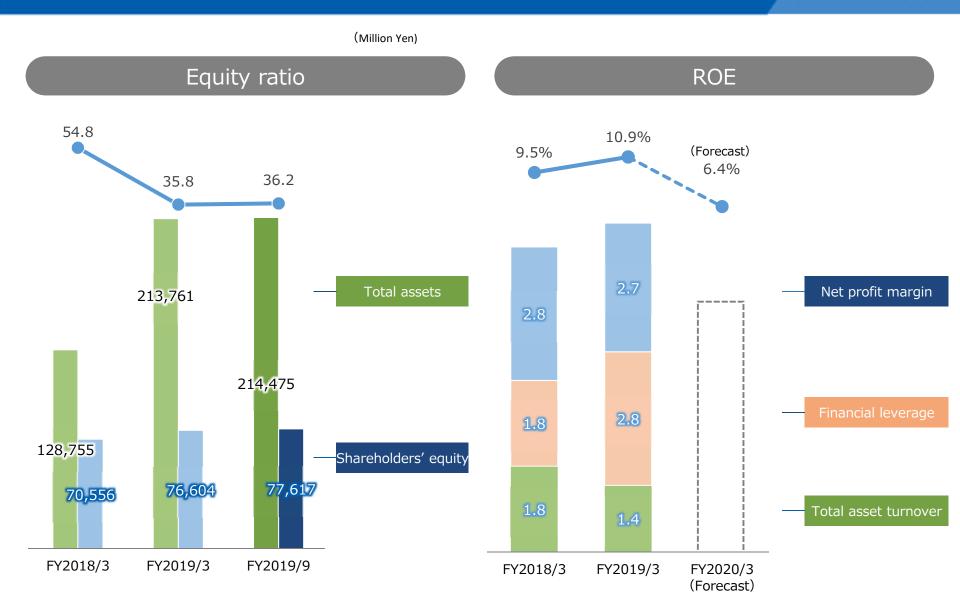
#### Balance Sheet: Main Items



# Cash and Deposits/Interest Bearing Debt/Cash Flows



# Major Business Indicators





# Forecast for the Fiscal Year ending March 2020 (announced on May 14, 2019)

(million yen)

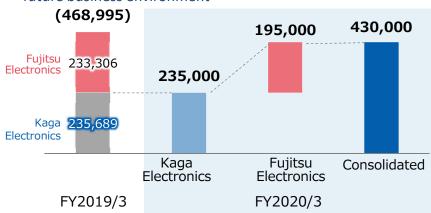
	FY2019/3	FY2020/3	
	Results	Forecasts	YoY
Net sales	292,779	430,000	46.9%
Gross profit	35,546	46,500	30.8%
Gross profit margin	12.1%	10.8%	
SG&A	27,976	39,500	41.2%
Operating income	7,570	7,000	-7.5%
Ordinary income	7,859	7,000	-10.9%
Profit attributable to owners of parent	8,014	5,000	-37.6%
EPS (Yen)	292.07	182.17	
ROE (%)	10.9	6.4	-



#### Effect of Fujitsu Electronics conversion to subsidiary (FY2020/3 Forecust)

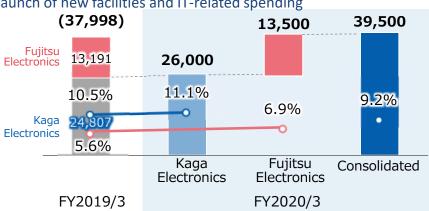
#### **Net Sales**

Prudent projection for net sales in view of uncertainty in the future business environment



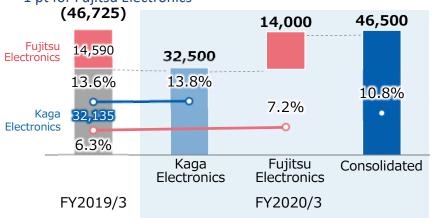
#### SG&A / SG&A ratio

Expenses to increase for both companies due notably to launch of new facilities and IT-related spending



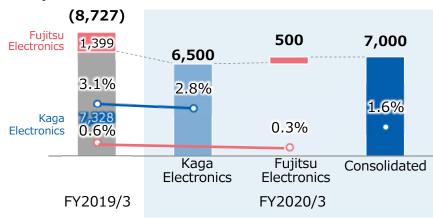
#### Gross profit / Gross profit margin

Gross profit margin to be flat y-o-y for Kaga Electronics, up 1 pt for Fujitsu Electronics



#### Operating income / Operating income marjin

Fujitsu Electronics' contribution to income to remain limited





# (Ref) Segment disclosure associated with the start of the Medium-Term Management Plan

Continuous disclosure based on current segmentation according to legal financial accounting, along with voluntary disclosure based on segmentation in line with the new Medium-Term Management Plan

**Segments in Medium-Term Management Plan Current segments** Legal financial accounting Management Accounting **Components sales business**  Sales of semiconductors Sales of semiconductors Electronic Sales of general electronic Sales of general electronic components components components Sales of various devices Electronic Sales of various kinds of devices components **EMS** business Electronic equipment manufacture **EMS** Electronic equipment contracting services manufacture contracting services Sales of PCs and PC peripherals Sales of PCs and PC peripherals Sales of home electric appliances **CSI** Information Sales of home electric and lighting fixtures appliances and lighting fixtures equipment Sales of photograph and imaging Sales of photograph and products imaging products Production of CG video and Production of CG video and Software software software Others Sales of amusement equipment Sales of amusement equipment Repair and support for electronics Repair and support for Others equipment electronics equipment Sales of sports goods Sales of sports goods



# (Ref) Business segments of Parent company and Group companies

	Electronic Components	EMS	CSI	Others
KAGA ELECTRONICS CO., LTD.				
Electronics Business Division	•	•	(•)	•
EMS Business Division		•		
Communication Network Sales Division	•	•	•	(●)
Specific Industry Business Division	•	•	(•)	•
Strategic Customer Sales Division	•	•	(●)	•
Sales Promotion Division	•			
Major Affiliates in Japan				
KAGA TECH CO., LTD.	•	(●)	(•)	(●)
KAGA DEVICES CO., LTD.	•	•	•	•
KAGA SOLUTION NETWORK CO., LTD.			•	
AD DEVICE CO., LTD.	•			
KAGA MICRO SOLUTIONCO., LTD.		•	(•)	•
DIGITAL MEDIA LAB., INC.				•
KAGA SPORTS CO., LTD.				•
KAGA AMUSEMENT CO., LTD.				•
KAGA TECHNOSERVICE CO., LTD.			•	
FUJITSU ELECTRONICS INC.	•			
Major Affiliates Overseas				
KAGA TAXAN (SUZHOU) ELECTRONICS CO., LTD.		•		
KAGA (SHANGHAI) ELECTRONICS CO., LTD.	(●)	•		
KAGA (SHENZHEN) ELECTRONICS CO., LTD.	, ,	•		
KAGA (H.K.) ELECTRONICS LIMITED		•		
KAGA DEVICES (H.K.) LIMITED	•			
KAGA (TAIWAN) ELECTRONICS CO., LTD	•	(•)		
KAGA ELECTRONICS (THAILAND) COMPANY LIMITED	(●)	•		
KAGA COMPONENTS (MALAYSIA) SDN.BHD.	. ,	•		
KAGA ELECTRONICS INDONESIA, PT	•	•		
KAGA ELECTRONICS (VIETNAM) CO., LTD.		•		
KAGA (SINGAPORE) ELECRONICS PTE LTD	•	(•)		(●)
KAGA ELECTRONICS (USA) INC.	•	•		
TAXAN MEXICO S.A. de C.V.		•		
KD TEC s.r.o.	•	•		

# (Ref) Financial highlights by Business Segment of Medium-Term Management Plan for the FY2020/3 2Q (6 months)

(Million Yen)

		2019/3	2020/3	
		2Q Results	2Q Results	YoY
Electronic	Net Sales	44,216	156,803	254.6%
Component	Segment income	899	2,127	136.6%
EMS	Net Sales	43,031	46,945	9.1%
LIM3	Segment income	1,624	2,100	29.3%
CSI	Net Sales	21,143	19,968	-5.6%
	Segment income	864	618	-28.5%
Others	Net Sales	6,991	6,912	-1.1%
Outers	Segment income	310	316	2.1%
Total	Net Sales	115,383	230,630	99.9%
ı otai	Segment income	3,772	5,239	38.9%



# (Ref) Financial highlights by Business Segment of Medium-Term Management Plan for the FY2020/3 2Q (3 months)

(Million Yen)

		2019/3	2020/3	
		2Q Results	2Q Results	YoY
Electronic	Net Sales	23,208	84,698	265.0%
Component	Segment income	635	1,651	160.0%
EMS	Net Sales	21,927	22,425	2.3%
	Segment income	786	830	5.6%
CSI	Net Sales	10,725	9,842	-8.2%
	Segment income	547	429	-21.5%
Others	Net Sales	4,028	4,099	1.8%
	Segment income	279	430	54.2%
Total	Net Sales	59,889	121,066	102.1%
i Otai	Segment income	2,282	3,389	48.5%



# (Ref) Forecasts by Business Segment of Medium-Term Management Plan for the FY2020/3

(million yen) FY2019/3 FY2020/3 YoY Results **Forecast** 145,042 **Net Sales** 282,000 94.4% Electronic Component 2,278 2,200 Segment income -3.4% **Net Sales** 89,481 95,000 6.2% **EMS** Segment income 2,667 2,800 5.0% 40,000 **Net Sales** 44,344 -9.8% **CSI** 1,906 1,500 -21.3% Segment income **Net Sales** 13,912 13,000 -6.6% Others 554 500 -9.7% Segment income 292,779 430,000 46.9% **Net Sales** Total Segment income 7,570 7,000 -7.5%



# (Ref) Exchange Rate/FOREX Sensitivity

	2019/3	2020/3	(Half a Yea Effect of 1% chan	=	FY2020/3 Forex
	2QResults (Yen)	2QResults (Yen)	Net sales	Ordinary income	Assumption (yen)
USD	110.26	108.63	927	20	110.00
THB	3.40	3.49	124	7	3.40
RMB	17.09	16.20	103	4	17.00
HKD	14.05	13.86	113	2	14.00





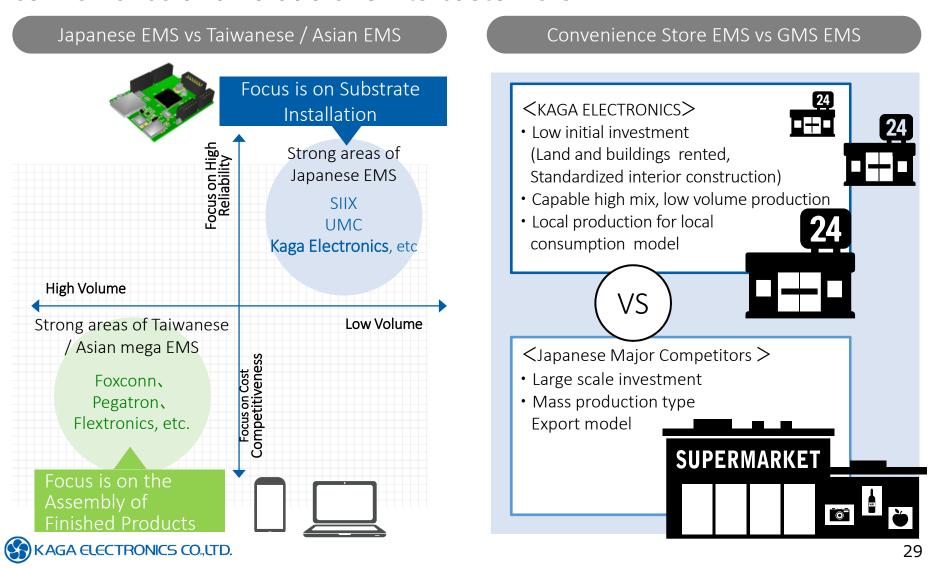
# About Kaga Electronics' EMS Business

Overview and Growth Strategy of EMS Business

KAGA ELECTRONICS CO., LTD.
Director
Motonori Toshinari

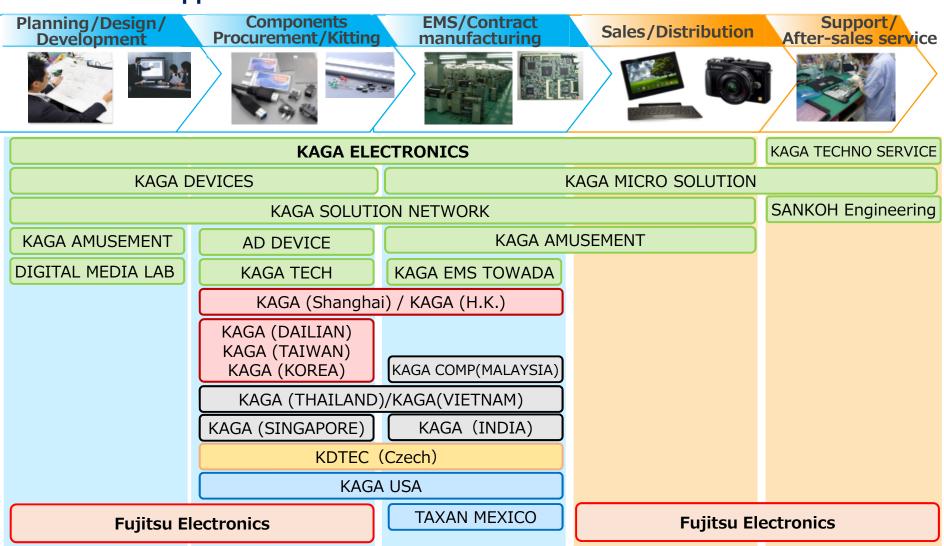
# The Strengths of Kaga Electronics' EMS (1): Convenience Store EMS

Kaga Electronics globally deploys a "Convenience Store EMS" that is convenience and valuable for its customers.



# The Group's Strength-(2): One Stop

Not just contract manufacturing but offer one-stop service from sales to after-sales support



# The Group's Strength-(3): Global Network

Global EMS production system with 19 bases in 10 countries to respond swiftly and flexibly to customer needs.



#### Introduction to Main Production Bases: China

#### Kaga Electronics (Shenzhen)

9	9	9
	9	9 9

Number of Employees

9 5 0

Products

Automotive-related units, industrial equipment, OA equipment, amusement equipment, communications equipment.



< Shenzhen Factory>

#### Kaga Technology (Suzhou) Electronics

	200	
Established	200	9

Number of Employees

3 6 0

Products

Automotive-related units, medical equipment, industrial equipment, residential equipment, electronic musical instruments, communications equipment



<Suzhou First Factory (For Export)>



#### Introduction to Main Production Bases: ASEAN

#### KAGA ELECTRONICS (THAILAND)

Established 2 0 0 2

Number of Employees

690

**Products** 

Automotive-related units, OA equipment, air conditioning equipment, industrial equipment



<Thailand Factory>

#### KAGA ELECTRONICS (VIETNAM)

Established 2 0 1 7

Number of Employees

1 2 0

**Products** 

Automotive-related units, air conditioning equipment, business equipment, medical equipment



< Vietnam Factory>



# Introduction to Main Production Bases: Europe and the Americas

#### **KD TEC**

Established 2 0 0 9

Number of Employees

1 2 0

**Products** 

Air conditioning equipment.



< Czechia Factory>

#### TAXAN MEXICO

Established 2 0 1 7

Number of Employees 1

160

Products

Automotive-related units, business equipment, industrial equipment.



<Mexico Factory>



#### Main Products: Various Substrates

Substrate for Office Equipment



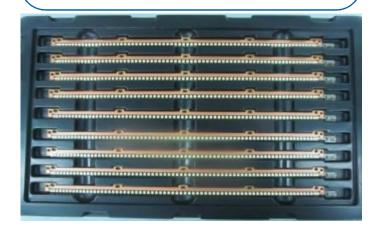
L Size Substrate for Communications Equipment



Power Supply Substrate



LED-related Substrate





# Main Products: Automotive-related Units

# Lighting Units for Automotive

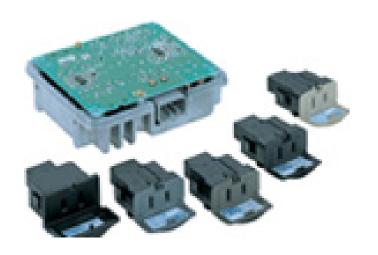






## **AC Inverter Units**







# Main Products: Various Units

## Air Conditioner Unit



# FA Equipment Touch Panel Monitor





# Main Products: Various Finished Products

## Automotive-related Products





<a href="#">Automotive Navigation System></a>

## Medical Equipment

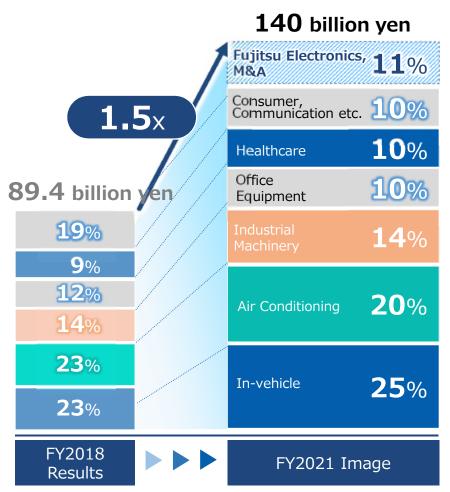


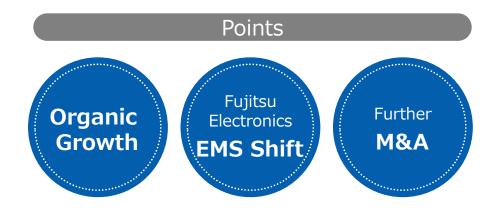
<a href="#">Automated Medication Dispensing Cabinet></a>



## **EMS Business Growth Scenario**

Driven by the growth of in-vehicle, air conditioning, industrial machinery, and medical/healthcare, we shall aim for drastic growth of business size of 1.5x that of FY2018





- In addition to our existing production capacity in China, ASEAN, and Europe, we shall aim to expand business in growth areas such as in-vehicle, air conditioning, and industrial machinery, through full scale investment in new bases in Vietnam, Mexico, Turkey, and India.
- We shall develop a "Key Device + EMS" approach for the major customers of Fujitsu Electronics.
- We shall aim to further expand the size of the EMS business, and search for new M&A opportunities inside and outside of Japan.



# Key Topics for EMS Business Growth

In parallel with the EMS shift of leading European and American customers of Fujitsu Electronics, strengthening volume, quality, and cost, and comprehensively increasing business competitiveness in comparison with competitors.



### **Increasing of Production Capacity**

Responding flexibly to moves towards the shifting of production away from China in conjunction with the continuing US-China trade issues, as well as moves towards a return of the overseas production to Japan domestic in order to avoid exchange rate fluctuations and soaring labor costs.



#### Strengthening of Engineering Capabilities

 No longer relying on general-purpose equipment, using in-house engineering capabilities, and internally developing production equipment at an optimal cost for "convenience store EMS", and increasing cost competitiveness through this.



### Strengthening of Manufacturing Capabilities

- Through the acquisition of Towada Pioneer, the manufacturing know-how accumulated over many years as an electronics specialist, exceptional production personnel and production equipment. Further improving the quality level of the EMS business and strengthening competitive advantage against competitors by sharing resources including jig design and quality assurance systems.
- Positioning the Towada Pioneer and Fukushima New Plant as the "Mother Factory", partnering with overseas bases, and promoting overall optimization to strengthen the management structure and to improve business efficiency.



# Major Initiatives

Acquisition of Towada Pioneer	Enhancing of Production Capacity	<ul> <li>Capturing increased demand in conjunction with the return to domestic production</li> </ul>
	Strengthening of Manufacturing Capabilities	<ul> <li>Sharing of production know-how and excellent production personnel</li> <li>Mother plant for substrate installation</li> </ul>
	Strengthening of Engineering Capabilities	<ul> <li>Sharing of resources, such as production equipment designs and jig production</li> <li>Verifying own developed production equipment</li> </ul>
Construction of	Enhancing of Production Capacity	<ul> <li>Capturing increased demand in conjunction with the return to domestic production</li> </ul>
Fukushima New Factory	Strengthening of Manufacturing Capabilities	Mother plant for assembly of finished products
Construction of Thailand Second Factory	Enhancing of Production Capacity	<ul> <li>Capturing the shift from Chinese production to avoid the effect of US-China trade disputes</li> </ul>
Joint Venture in China	Strengthening of Engineering Capabilities	<ul> <li>Differentiation through internally developed production equipment that is suitable for small sized lots of a variety of products</li> </ul>



## Overview of Acquisition of Towada Pioneer

## Towada Pioneer Headquarters Factory



### Acquisition Format

Conversion to group company through acquisition of Towada Pioneer shares from Pioneer on October 1, 2019.

## Name After Acquisition

KAGA EMS TOWADA CO., LTD.

#### Address

Towada City, Aomori Prefecture

#### **Business Content**

Automotive electronic equipment, installation of substrates in medical equipment, assembly of finished Products

# Number of Employees

165 (full time staff)

## **Acquisition Price**

Undisclosed



# Construction of New Fukushima Factory

## Fukushima Factory



#### Name

KAGA MICRO SOLUTION CO., LTD. Fukushima Factory

#### Address

Sukagawa City, Fukushima Prefecture

#### Scheduled Launch

October 2019

#### **Business Content**

Manufacture, repair, reuse, and recycling of communications equipment, PCs, and PC peripherals

# Number of Employees

## Investment Amount

50 (full time staff) Approx. JPY 1.2 bn (Incl. land acquisition, buildings, machinery and equipment)



## Construction of Thailand 2<sup>nd</sup> Factory

## Amata Nakhon 2<sup>nd</sup> Factory



#### Name

KAGA ELECTRONICS (THAILAND) CO., LTD. Amata Nakhon 2<sup>nd</sup> Plant

#### Address

Amata Nakhon Industrial Estate, Chon Buri, Thailand

## Scheduled Launch

December 2019

#### **Business Content**

Installation of substrates for multifunction devices, printers and automotive related units

## Number of Employees

200 (maximum of 350)

## Investment Amount

Approx. JPY 500 mil (Land and buildings rented)



# Own Development of Production Equipment(1)

#### "HATTEN" Solder Bath



## Company Establishment Scheme

October 2018: Establishment of a joint venture by JT\*,a Chinese production equipment manufacturer and group company Kaga Technology (Suzhou) Electronics Co., Ltd.

#### Name of Joint Venture

SUZHOU HATTEN INTELLIGENT EQUIPMENT CO., LTD

#### Address

Suzhou City, Jiangsu Province, China

#### **Business Content**

Development, manufacture, and external sale of production equipment for substrate installation

※Official company name:深圳市劲拓自动化设备股份有限公司



# Own Development of Production Equipment(2)

## "HATTEN" Substrate Installation Automation Equipment Line



#### Company Establishment Scheme

December 2019: Establishment of a joint venture by FAROAD\*, a leading Chinese manufacturer of substrate installation equipment, and group company Kaga Technology (Suzhou) Electronics Co., Ltd.

#### Name of Joint Venture

蘇州路遠加賀実装技術開発有限公司

#### Address

Suzhou City, Jiangsu Province, China

#### **Business Content**

Development, manufacture, and external sale of substrate installation equipment sets (operation to commence in December 2019)

## Objectives of the Joint Venture

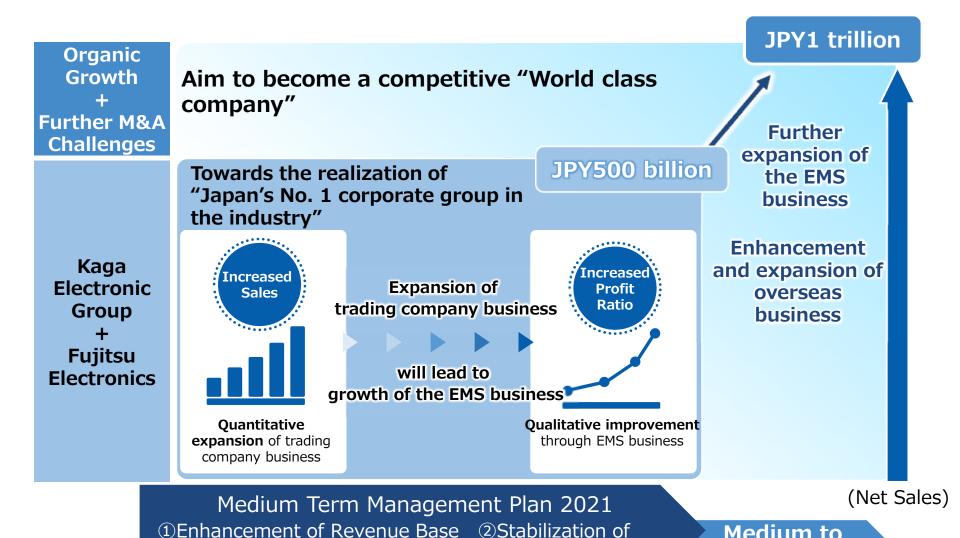
- •In-house development of optimal "automation equipment" for "small lot production of many products"
- •Realization of not only a significant reduction in initial introduction costs, but also high quality and low-cost operation

※Official company name: 深圳市路遠智能装備有限公司



# Positioning of "Medium Term Management Plan 2021"

Management Base ③Creation of New Business



GA ELECTRONICS CO.,LTD.

**Medium to** 

**Long Term** 

Vision


















# "Everything we do is for our customers"



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■ Forward-looking statements in these materials are based on information available to management at the time this report was prepared and assumptions that management believes are reasonable. Actual results may differ significantly from these statements for a number of reasons.

■ Display method in this material

Number: Truncated less than the display unit.

Ratio : After calculation in yen units, Round down one digit of Display unit.