For Institutional Investors/Analysts

# Financial Results for the First Half of the Fiscal Year ending March 2018 Six months: April 1, 2017 – September 30, 2017

November 30, 2017

KAGA ELECTRONICS CO., LTD. (TSE 1st section, 8154)



# Today's Main Points

#### Financial Results for the First Half of the Fiscal Year ending March 2018

Driven by strong performance in electronic components and information equipment segments, the Group posted increases in both net sales and profits year-on-year.

Also exceeded targets and increased interim dividend by ¥5.



#### Earnings Forecasts

for the Fiscal Year ending March 2018

Revised upward the full-year forecast while carefully reflecting potential negative impact of the change in amusement machine-related laws. Aim to achieve record-high ordinary income.



Increase the probability of achieving "Medium-term Management Plan target: Ordinary income of ¥10 billion" and also implement measures to increase earnings with the aim of realizing sustainable growth.

# Consolidated Financial Results for the First Half of FY ending Mar/2018

	FY2017/3 1H Results	FY2018/3 1H Forecasts	FY2018/3 1H Results	YoY	vs Forecasts
Net sales	109,659	107,000	116,582	6%	9%
Gross profit	15,172	14,700	16,218	7%	10%
Gross profit margin	13.8%	13.7%	13.9%		
SG&A	11,959	12,000	11,824	-1%	-1%
Operating income	3,212	2,700	4,394	37%	63%
Ordinary income	3,045	3,000	4,703	54%	57%
Profit attributable to owners of parent	3,111	2,200	3,516	1 3%	60%

Exchange rates (Ye	n)		
USD	105.29	112.50	111.06
THB	3.01	3.20	3.28
RMB	17.07	16.30	16.39
HKD	13.58	14.50	14.24

#### Financial Highlights by Business Segment

Summary FY2017/3 FY2018/3 FY2018/3 1H Results **1H Forecasts** 1H Results YoY vs Forecasts While amusement machine-related 82.784 81,000 85,918 6% Net sales 4% Electronic business was sluggish, EMS\* business for electric tool, medical equipment, and office components 2.150 2.893 2.366 Segment income 22% 35% equipment showed favorable growth. ·Housing-related and commercial facility-20,524 20,500 23,446 14% 14% Net sales Information related products showed favorable growth. PC sales were also solid despite severe equipment 539 550 1,116 107% Segment income 103% market environment. 1,442 1.100 1,142 -21% 4% Net sales •Amusement machine-related business Software decreased. Upfront investments for development of new areas such as VR/AR\* 307 120 111 -8% Segment income -64% 4,909 4,400 6,075 24% 38% Net sales •Arcade amusement machines and golf Others products showed solid growth. -57 -120 198 Returned to profit Segment income 109.659 107.000 116.582 Net sales 6% 9% Total 3,212 2,700 4,394 Operating income 37% 63%

Note: Figures of each segment income are not inter-segment adjusted. Total amount is inter-segment adjusted (operating income). \* Refer to glossary for EMS, VR, and AR

	FY2017/3		FY2018/3		FY201	8/3		
	1H Results	Composition	1H Forecasts	Composition	1H Results	Composition	YoY	vs Forecasts
Japan	74,151	68%	71,000	66%	73,789	63%	0%	4%
North America	3,352	3%	2,800	3%	4,580	4%	37%	64%
Europe	1,170	1%	1,200	1%	1,779	2%	52%	48%
East Asia	30,985	28%	32,000	30%	36,433	31%	18%	14%
Total	109,659	100%	107,000	100%	116,582	100%	6%	9%

Note: Net sales by region are calculated based on place of destination.

	■Japan: While amusement machine-related business was sluggish, EMS business and information equipment business showed solid growth.					
Summary	■North America: EMS business for medical equipment showed favorable growth.					
	Europe: Electric tool-related business showed favorable growth.					
	■East Asia: EMS business for electronic equipment showed favorable growth.					

	(Mil	lion	Yen)
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	2017/3	2017/9	vs 2017/3		2017/3	2017/9	vs 2017/3
Current assets	103,684	104,238	554	Current liabilities	50,242	48,972	-1,270
Cash and deposits	26,423	30,393	3,970	Notes and accounts payable – trade	37,553	35,512	-2,041
Notes and accounts receivable – trade	52,009	50,024	-1,985	Short-term loans payable	4,883	5,455	572
Inventories	19,325	19,136	-189	Other	7,806	8,005	199
Other	5,925	4,683	-1,242	Non-current liabilities	9,576	9,224	-352
				Long-term loans payable	4,603	3,804	-799
				Other	4,973	5,420	447
				Total liabilities	59,819	58,197	-1,622
Non-current assets	22,067	22,966	899	Shareholders' equity	64,481	66,977	2,496
Property, plant and equipm	ient 11,745	11,999	254	Capital stock	12,133	12,133	0
Intangible assets	841	754	-87	Capital surplus	13,912	13,853	-59
Investments and other asse	ets 9,479	10,211	732	Retained earnings	40,476	43,032	2,556
				Treasury shares	-2,040	-2,041	-1
				Total accumulated other comprehensive income	1,391	1,958	567
				Non-controlling interests	59	71	12
				Total net assets	65,932	69,006	3,074
Total assets	125,751	127,204	1,453	Total liabilities and net assets	125,751	127,204	1,453

	FY2017/3 1H	FY2018/3 1H
Cash flows from operating activities	7,723	5,875
Cash flows from investing activities	-246	-1,345
Free cash flow	7,477	4,530
Cash flows from financing activities	-2,253	-1,265
Cash and cash equivalents at end of period	25,683	29,387

	<ul> <li>Cash flows from operating activities: Recording of profit before income taxes</li> </ul>
Summary	<ul> <li>Cash flows from investing activities: Purchase of property, plant and equipment</li> </ul>
	<ul> <li>Cash flows from financing activities: Cash dividends paid, repayments of long-term loans payable</li> </ul>

# Consolidated Earnings Forecasts for FY ending Mar/2018

FY2017/3 FY2018/3 FY2018/3 Revised Previous vs Previous YoY Results forecasts forecasts forecasts Net sales 227,209 230,000 232,000 2% 1% Gross profit 31,225 31,500 32,250 3% 2% Gross profit margin 13.7% 13.7% 13.9% SG&A 24,346 24,500 24,750 2% 1% **Operating income** 6,879 7,000 7,500 9% 7% 7,343 7,500 8,200 Ordinary income 12% 9% Profit attributable 6,975 5,500 6,300 -10% 15% to owners of parent for 2H Exchange rate (Yen) USD 108.38 112.50 110.50

3.08

16.37

13.97

3.20

16.30

14.50

3.30

16.30

14.00

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THB

RMB

HKD

	FY2017/3	FY2018/3	FY2018/3		
(Billion Yen)	1 H Results	1H Previous forecasts	1H Results	Difference	Major factors
Net sales	109.6	107.0	116.5	9.5	• Strong sales in EMS business
Gross profit	15.1	14.7	16.2	1.5	and information equipment
SG&A	11.9	12.0	11.8	-0.2	<ul> <li>business</li> <li>Moved up some 2H plans to</li> </ul>
Operating income	3.2	2.7	4.3	1.6	1H
	FY2017/3	FY2018/3 2H	FY2018/3 2H		
(Billion Yen)	2H Results	Previous forecasts	Revised forecasts	Difference	Major factors
Net sales	117.6	123.0	115.4	-7.6	
Gross profit	16.1	16.8	16.0	-0.8	• Decline in demands due to the
SG&A	12.4	12.5	12.9	0.4	change in amusement machine- related laws

Key Points of 2H Minimize risk of sales decline and manage SG&A

Maximize contribution to 2H results by businesses with strong 1H performance
 Demand trends in the amusement machine-related market

(Yen)

	FY2017/3 Results	FY2018/3 Previous forecasts	FY2018/3 Revised forecasts	ΥοΥ	vs Previous forecasts
EPS	249.43	200.47	229.63	-19.80	29.16
Dividend per share	60.00	60.00	65.00	+5.00	+5.00
Ordinary dividend	40.00	60.00	60.00	+20.00	0.00
Extraordinary dividend	20.00	-	5.00	-15.00	+5.00
ROE	10.9%	8.1%	9.2%	-1.8pp	+1.0pp

# Consolidated Forecasts by Business Segment

(Million Yen)

		FY2017/3 Results	FY2018/3 Previous forecasts	FY2018/3 Revised forecasts	ΥοΥ	vs Previous forecasts
Electronic	Net sales	171,227	175,000	176,000	3%	1%
components	Segment income	4,917	5,350	5,500	12%	3%
Information	Net sales	42,547	42,000	42,500	0%	1%
equipment	Segment income	1,491	1,400	1,500	1%	7%
Software	Net sales	3,159	3,000	2,500	-21%	-17%
	Segment income	528	450	200	-62%	-56%
	Net sales	10,274	10,000	11,000	7%	10%
Others	Segment income	-212	-200	300	-	-
	Net sales	227,209	230,000	232,000	2%	1%
Total	Operating income	6,879	7,000	7,500	9%	7%

Note: Figures of each segment income are not inter-segment adjusted. Total amount is inter-segment adjusted (operating income).

(Million Yen)

	FY2017/3		FY2018/3		FY2018/3			
	Results	Composition	Previous forecasts	Composition	Revised forecasts	Composition	YoY	vs Previous forecasts
Japan	151,912	67%	152,000	66%	147,000	63%	-3%	-3%
North America	5,995	3%	5,500	2%	7,500	3%	25%	36%
Europe	2,518	1%	2,500	1%	2,500	1%	-1%	0%
East Asia	66,783	29%	70,000	30%	75,000	32%	12%	7%
Total	227,209	100%	230,000	100%	232,000	100%	2%	1%

Note: Net sales by region are calculated based on place of destination.

# Medium-term Growth Strategy — To Achieve Ordinary Income of ¥10 billion —

#### Outline of the "Medium-term Management Plan 2018"

#### To achieve ordinary income of ¥10 billion and 8% ROE (FY19/3 targets)

#### 1. Enhance revenue base

- Establish profit-oriented management
- Prepare for a leap as "Next-generation KAGA ELECTRONICS"
- Become the industry leader in Japan and aim at sustainable growth as a world-class company

#### 2. Create new businesses

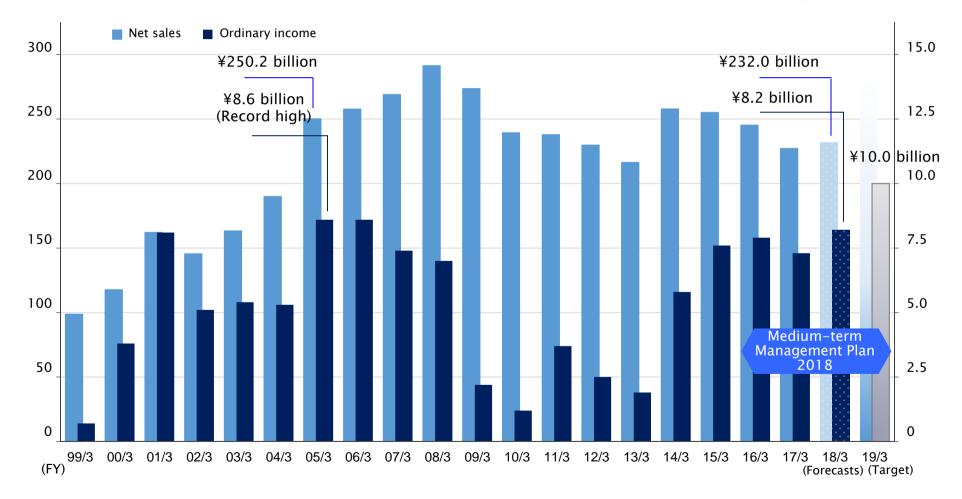
3. Strengthen management foundation

#### Historical Performance: Net sales/Ordinary income

#### Record high ordinary income (and Medium-term Management Plan target of ¥10 billion) will become achievable with profitability enhancement

#### Net sales (Billion yen)

Ordinary income (Billion yen)



# Initiatives to Achieve Ordinary Income of ¥10 Billion

#### "Five keywords" for the Group's growth

EMS business	•	Expand overseas bases toward business scale expansion
Automotive devices	•	Response to market needs of ADAS/DMS* Response to a shift to hybrid/electric vehicles
Telecommunication (IoT)	•	Develop LPWA* market and create cloud business using AI
Execution of M&A	•	Strengthen business/revenue bases in anticipation of industry reorganization
Investment in ventures	•	Start to invest <b>¥5 billion</b> in venture companies/ businesses over 3 years (FY17/3 to FY19/3)

#### The Group's EMS Business: Growth Scenario

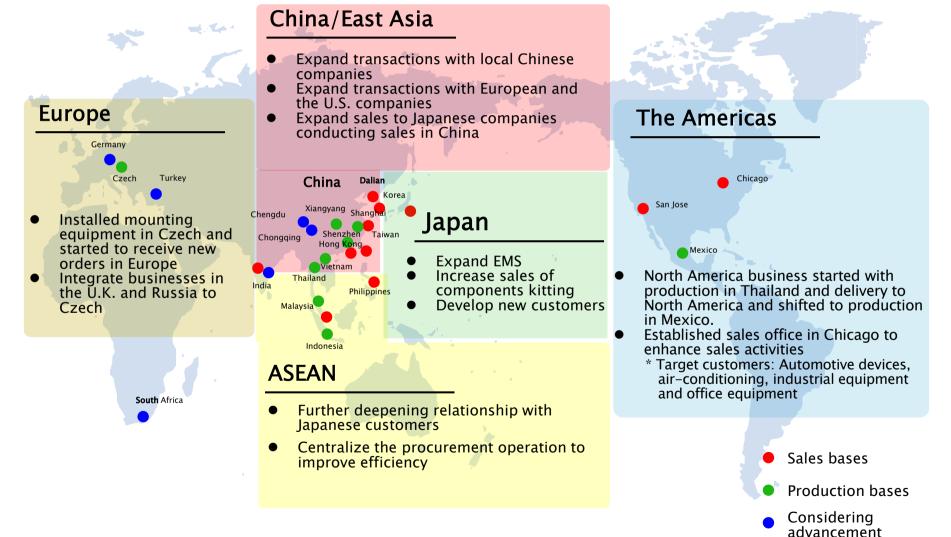
Strengthen profitability and sales growth potential simultaneously

- Focus on overseas expansion of EMS business Focus on automotive devices, air-conditioning, industrial equipment, medical, office equipment, and electric tool sectors
- Further development of overseas local customers
- Enhancement of overseas bases ("everywhere EMS")

Priority themes	Action items	Timing
Expand North America business	Established manufacturing base in Mexico	November 2016
Increase production in ASEAN regions	Established manufacturing base in Vietnam	July 2017
Expand sales channel in inland China	Consider advancement to Chongqing and Chengdu	From 2018
Expand sales channel to local customers in Europe	Consider advancement into Germany	From 2018
Develop new markets	Consider advancement into India, South Africa, and Turkey	From 2018

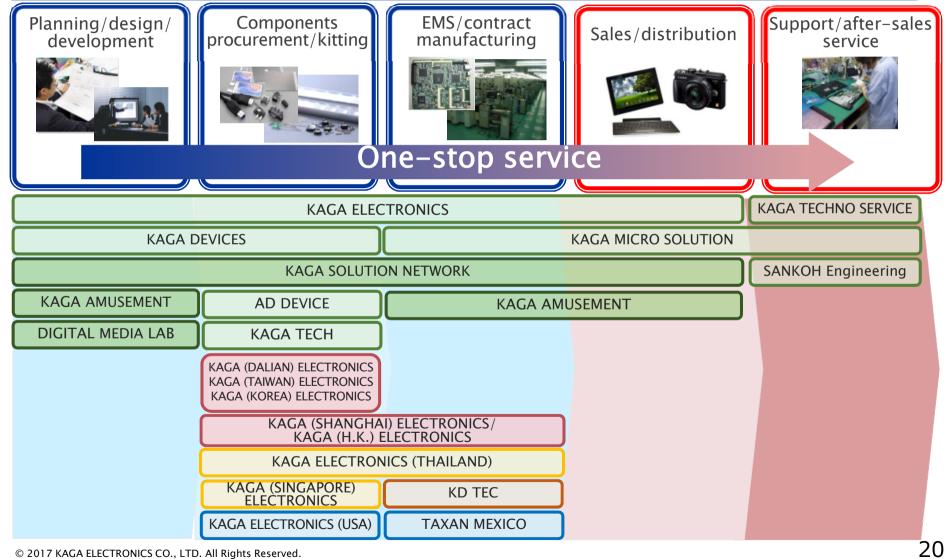
#### The Group's EMS Business: Strengths – (1)

#### Global network to ensure speedy and flexible response to customer needs



#### The Group's EMS Business: Strengths - (2)

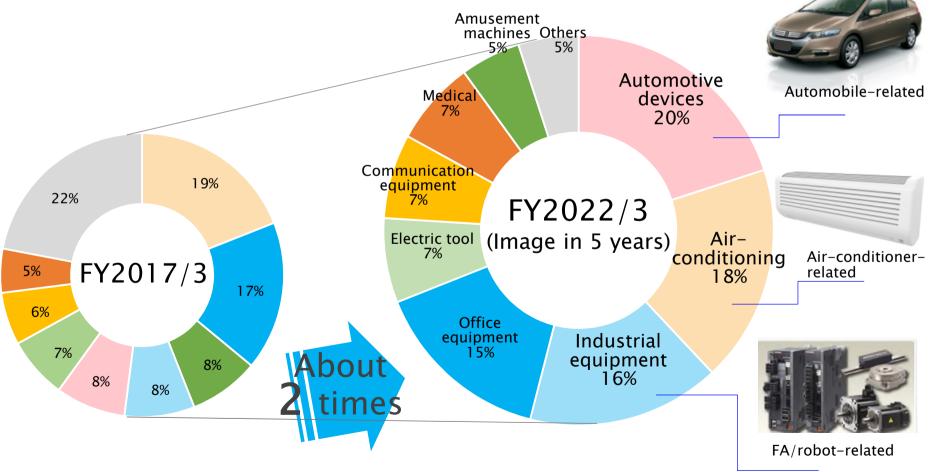
#### Not just contract manufacturing but offer one-stop service from sales to after-sales support



## The Group's EMS Business: Strengths – (3)

Correspond to wide range of applications and focus on growth of automotive devices, air-conditioning, and industrial equipment, etc.

#### <Sales Composition Ratio by Applications>



#### Group Reorganization/Business Reorganization

- KAGA MICRO SOLUTION (Development/manufacture/sales/ maintenance/repair and recycle businesses of computers and computer peripherals, etc.)
  - All businesses of KAGA COMPONENTS will be transferred to MICRO SOLUTION on January 1, 2018.
     Prior to this, MICRO SOLUTION will change its name to "KAGA MICRO SOLUTION" on December 1, 2017.

#### SICOXS (Development/manufacture of SiC semiconductor substrate)

- On October 2, 2017, the Company agreed with Sumitomo Metal Mining to transfer 51% of SICOXS shares it holds and develop businesses jointly in the future.
- On October 30, 2017, a joint venture started business operations.

#### Investment in Ventures

Fund to invest ¥5 billion in venture companies/businesses for three years started from FY18/3 on the occasion of our 50th anniversary.
 Aim at achieving sustainable growth of the Group through discovery of venture companies broadly and create new innovation in priority markets including automotive devices, environment, and communication equipment, etc. set forth in "Medium-term Management Plan 2018" and new business areas such as medical/healthcare, etc.

# [Major investees]

Company name	Business domains	Business description			
cado Co., Ltd.	Environ- ment	<ul> <li>Development, manufacture, and sales of air purifier and humidifier, etc.</li> </ul>			
PicoCELA Inc.	Telecom- munication (IoT)	<ul> <li>Development of multi-hop wireless communication technology</li> </ul>			
mama square Co., Ltd.	Amusement New area	<ul> <li>Operation of working space with nursery service</li> </ul>			
SKYROBOT Inc.	Telecom- munication (IoT) Automotive devices New area	<ul> <li>Development of industrial drone-related business, sales of infrared camera modules</li> </ul>			

#### Investment in Ventures - (Case-1): cado Co., Ltd.

• Acquired capital in cado Co., Ltd., which engages in manufacture and sales of air purifier and humidifier, etc. by underwriting third-party allocation of its shares in July 2017

[Purpose of investment]Sales expansion by the Group of cado's productsContract for manufacturing cado's products



#### [Outline of the investee]

Representative	Noriyuki Koga, President and CEO
Location	Shirokanedai, Minato-ku, Tokyo
Establishment	June 2011
Business description	Development, manufacture, and sales of air purifier and humidifier, etc.



## Investment in Ventures - (Case-2): PicoCELA Inc.

 Acquired capital in PicoCELA Inc., which develops wireless multi-hop backhaul technology resistant to mobile situation and cloud monitoring/control system, by underwriting third-party allocation of its shares in July 2017

[Purpose of investment]
Development of corporate solutions using PicoCELA's wireless communication technology

#### [Outline of the investee]

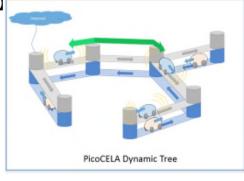
Representative	Hiroshi Furukawa, Representative Director		
Location	Itoshima-shi, Fukuoka Prefecture		
Establishment	August 2008		
Business description	Development of wireless multi-hop backhaul technology and related systems		





既存のメッシュ技術

[Existing mesh technology]



TECHNOLOGY

[PicoCELA Dynamic Tree]

#### Investment in Ventures - (Case-3): mama square Co., Ltd.

 Acquired capital in mama square Co., Ltd., which operates and develops working space with nursery service, by underwriting third-party allocation of its shares in October 2017.

[Purpose of investment]

•Contract for constructing store facilities and sales expansion of related products

#### [Outline of the investee]

Representative	Satoshi Fujishiro, President		
Location	Shiba, Minato-ku, Tokyo		
Establishment	December 2014		
Business description	Operation and development of working space with nursery service		







## Investment in Ventures - (Case-4): SKYROBOT Inc.

 Acquired capital in SKYROBOT Inc., which engages in the industrial drone business, by underwriting third-party allocation of its shares in October 2017.

[Purpose of investment]Sales expansion of industrial dronesSale of infrared camera modules

# [Outline of the investee]

Representative	Daisuke Kaio, CEO
Location	Ginza, Chuo-ku, Tokyo
Establishment	September 2014
Business description	<ul> <li>Development of industrial drone business</li> <li>Operation of drone schools</li> <li>Sales of infrared camera modules</li> </ul>



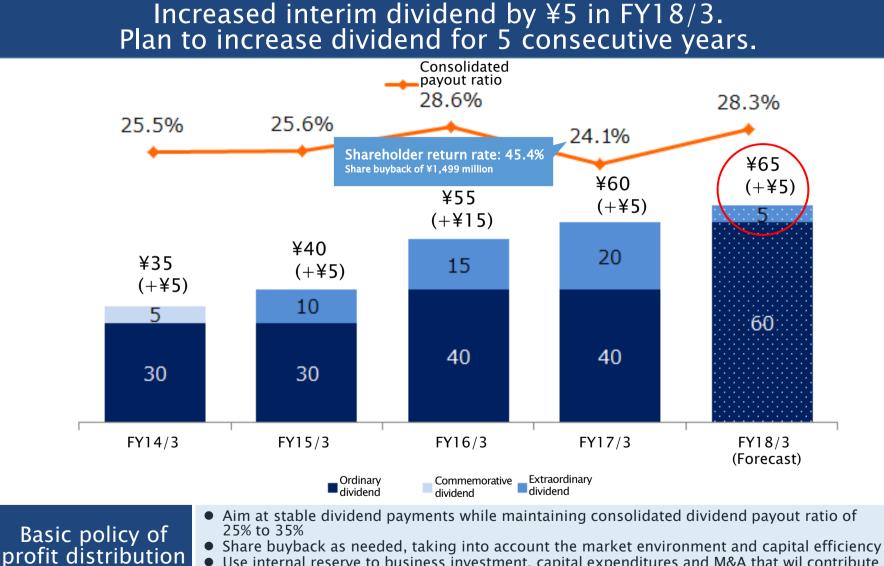


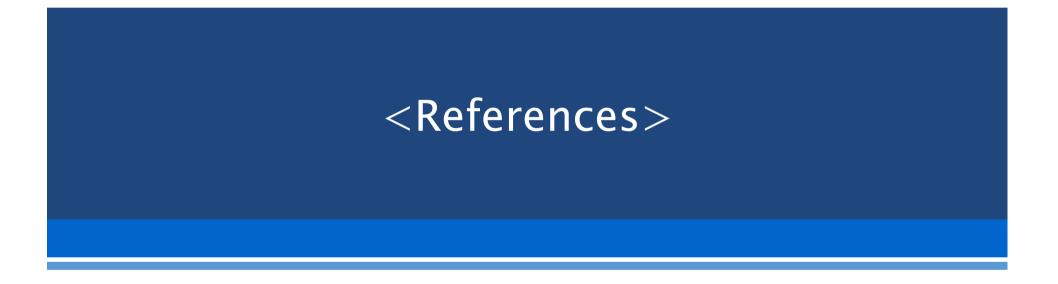
[Drone pilot training school]



[Ultra-mini infrared camera modules manufactured by FLIR Systems, Inc.]

## Shareholder Return: Trend of Dividend



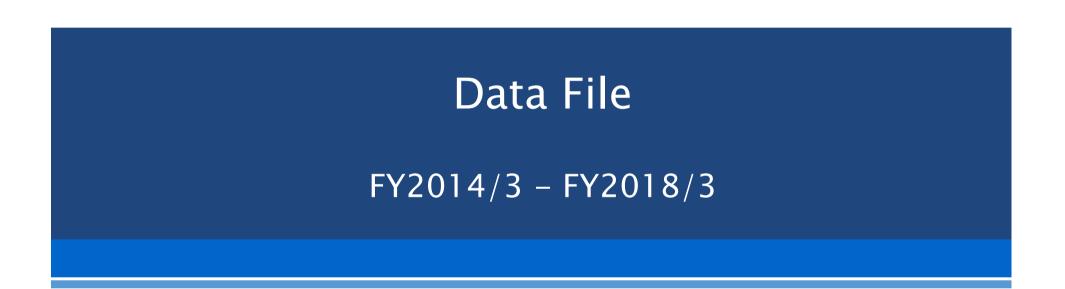


# Products and Services by Business Segment

Electronic components	<ul> <li>Sale of semiconductors (general-purpose products and customized products)</li> <li>Sale of electronic components (transformers, condensers, cables, connectors, and switches, etc.), LED, and storage devices</li> <li>Development, manufacture and sales related to EMS (air-conditioning, office equipment, automotive devices, industrial equipment, amusement machines, electric tool, communication equipment, medical equipment, etc.)</li> </ul>
Information equipment	<ul> <li>Sales of PCs and PC peripherals, home electric appliances/lighting fixtures, photograph and imaging products, original brand products, etc.)</li> </ul>
Software	<ul> <li>Production of computer graphics, planning and development of amusement products, and other activities</li> </ul>
Others	<ul> <li>Repair and supports for electronics equipment, manufacture and sales of amusement equipment, and wholesale/retail of sports goods, etc.)</li> </ul>

# Glossary

EMS (Electronics Manufacturing Service)	<ul> <li>Provide high-volume lot production based on an agreement with customers, in contrast to simple subcontract services</li> <li>The Company excels in offering one-stop service to customers by getting involved in processes including design, components procurement, sales, and support in addition to manufacturing.</li> </ul>
AR (Augmented Reality)	<ul> <li>Technology which augments a reality environment perceived by human using computers. Also refers to the computer-augmented reality environment itself</li> </ul>
VR (Virtual Reality)	• Technology which scientifically generates an environment that is not real or original but essentially functions in the same way, by stimulating human senses including users' five senses
ADAS (Advanced Driver- Assistance Systems)	<ul> <li>Systems developed to automate, adjust, and enhance the vehicle systems for safe and better driving</li> </ul>
DMS (Driver Monitor System)	• Driver support system for safe and comfortable driving. It consists of sensor, image/signal processing and indicator.
LPWA (Low Power Wide Area)	<ul> <li>Wireless communication technology with lower power consumption that enables long-distance telecommunication in relatively wider area with one base station</li> <li>It is expected to be customized for IoT (all things are connected to the Internet) and M2M (direct communication between devices via the Internet).</li> </ul>



\*Excel files are available on IR information section of the Company's website.

# Major Financial Indicators

(Million Yen)	FY2014/3 Results	FY2015/3 Results	FY2016/3 Results	FY2017/3 Results	FY2018/3 1H Results	FY2018/3 Forecasts
Net sales	257,852	255,143	245,387	227,209	116,582	232,000
Operating income	5,106	6,362	7,788	6,879	4,394	7,500
Ordinary income	5,847	7,664	7,908	7,343	4,703	8,200
Profit attributable to owners of parent	3,877	4,416	5,437	6,975	3,516	6,300
EPS (Yen)	137.22	156.28	192.43	249.43	128.16	229.63
BPS (Yen)	1,868.07	2,108.04	2,185.94	2,401.00	2,512.69	-
ROE (%)	7.6	7.8	9.0	10.9	-	9.2
Annual divident (Yen)	35.00	40.00	55.00	60.00	30.00	65.00
Payout ratio(%)	25.5	25.6	28.6	24.1	-	28.3
Shareholder return rate(%)	25.54	25.61	28.60	45.41	-	-
EBITDA	8,397	9,688	9,647	8,924	5,458	-
EBITDA margin (%)	3.26	3.80	3.93	3.93	4.68	-
EV/EBITDA (times)	5.22	3.96	3.22	4.47	8.59	-
PBR (times)	0.76	0.69	0.65	0.82	1.33	
PER (times)	10.38	9.37	7.42	7.92	14.50	-
Stock price (Yen) as of the end of the period	1,425	1,465	1,428	1,976	3,330	-
Market capitalization as of the end of the period	40,900	42,048	40,986	56,715	95,578	-

# Financial Highlights (Full Year)

					(Million Yen)
	FY2014/3 Results	FY2015/3 Results	FY2016/3 Results	FY2017/3 Results	FY2018/3 Forecasts
Net sales	257,852	255,143	245,387	227,209	232,000
Gross profit	32,522	32,738	33,648	31,225	32,250
(Margin)	12.6%	12.8%	13.7%	13.7%	13.9%
SG&A	27,416	26,376	25,859	24,346	24,750
(SG&A ratio)	10.6%	10.3%	10.5%	10.7%	10.7%
Operating income	5,106	6,362	7,788	6,879	7,500
(Margin)	2.0%	2.5%	3.2%	3.0%	3.2%
Non-operating income/loss (net)	740	1,302	119	464	700
Ordinary income	5,847	7,664	7,908	7,343	8,200
Profit attributable to owners of parent	3,877	4,416	5,437	6,975	6,300
Total assets	126,028	127,948	124,281	125,751	127,598
Capital stock	12,133	12,133	12,133	12,133	12,133
Shareholders' equity	52,923	56,538	60,702	64,481	69,504
Net assets	52,825	59,603	61,808	65,932	70,967
Equity ratio	41.9%	46.6%	49.7%	52.4%	55.6%
Short-term loans payable	12,172	5,925	6,295	4,883	4,321
Long-term loans payable	4,681	8,253	6,007	4,603	3,129
ROE	7.6%	7.8%	9.0%	10.9%	9.2%

# Financial Highlights (1H: 6 months)

					(Million Yen)
	FY2014/3 1H Results	FY2015/3 1H Results	FY2016/3 1H Results	FY2017/3 1H Results	FY2018/3 1H Results
Net sales	122,077	120,318	122,975	109,659	116,582
Gross profit	15,728	15,796	16,991	15,172	16,218
(Margin)	12.9%	13.1%	13.8%	13.8%	13.9%
SG&A	13,534	12,729	12,796	11,959	11,824
(SG&A ratio)	11.1%	10.6%	10.4%	10.9%	10.1%
Operating income	2,194	3,067	4,195	3,212	4,394
(Margin)	1.8%	2.5%	3.4%	2.9%	3.8%
Non-operating income/loss (net)	243	569	232	-167	309
Ordinary income	2,437	3,636	4,427	3,045	4,703
Profit attributable to owners of parent	1,352	2,157	2,943	3,111	3,516
Total assets	116,658	122,132	123,959	120,167	127,204
Capital stock	12,133	12,133	12,133	12,133	12,133
Net assets	50,364	55,509	60,924	61,475	69,006
Equity ratio	43.1%	45.4%	49.1%	51.1%	54.2%
Short-term loans payable	10,141	10,406	5,774	5,527	5,455
Long-term loans payable	4,395	3,967	7,539	5,293	3,804

# Financial Highlights by Business Segment (Full Year/1H)

		FY201	4/3	FY201	5/3	FY201	6/3	FY201	7/3	(м FY201	lillion Yen) 8/3
		Results	Composition	Results	Composition	Results	Composition	Results	Composition	Forecasts	Composition
El a atura uni a	Net sales	194,782	75.5%	197,188	77.3%	189,486	77.2%	171,227	75.4%	176,000	75.9%
Electronic	Segment income	3,805	74.5%	4,852	76.3%	6,515	83.7%	4,917	71.5%	5,500	73.3%
components	Margin	2.0%		2.5%		3.4%		2.9%		3.1%	
1f	Net sales	46,505	18.0%	42,024	16.5%	40,880	16.7%	42,547	18.7%	42,500	18.3%
Information	Segment income	866	17.0%	707	11.1%	811	10.4%	1,491	21.7%	1,500	20.0%
equipment	Margin	1.9%		1.7%		2.0%		3.5%		3.5%	
	Net sales	3,306	1.3%	2,889	1.1%	2,897	1.2%	3,159	1.4%	2,500	1.1%
Software	Segment income	79	1.6%	442	7.0%	695	8.9%	528	7.7%	200	2.7%
	Margin	2.4%		15.3%		24.0%		16.7%		8.0%	
	Net sales	13,258	5.1%	13,040	5.1%	12,123	4.9%	10,274	4.5%	11,000	4.7%
Others	Segment income	410	8.0%	169	2.7%	-343	-4.4%	-212	-3.1%	300	4.0%
	Margin	3.1%		1.3%		-2.8%		-2.1%		2.7%	
	Net sales	257,852	100.0%	255,143	100.0%	245,387	100.0%	227,209	100.0%	232,000	100.0%
Total	Operating income	5,106	100.0%	6,362	100.0%	7,788	100.0%	6,879	100.0%	7,500	100.0%
	Margin	2.0%		2.5%		3.2%		3.0%		3.2%	1

		FY201	4/3	FY201	.5/3	FY201	FY2016/3		FY2017/3		8/3
		1H Results	Composition								
<b>FI</b>	Net sales	94,595	77.5%	93,519	77.7%	95,815	77.9%	82,784	75.5%	85,918	73.7%
Electronic	Segment income	1,601	73.0%	2,648	86.3%	3,755	89.5%	2,366	73.7%	2,893	65.8%
components	Margin	1.7%		2.8%		3.9%		2.9%		3.4%	
Information	Net sales	19,767	16.2%	19,828	16.5%	20,120	16.4%	20,524	18.7%	23,446	20.1%
Information	Segment income	184	8.4%	162	5.3%	229	5.5%	539	16.8%	1,116	25.4%
equipment	Margin	0.9%		0.8%		1.1%		2.6%		4.8%	
	Net sales	1,548	1.3%	1,047	0.9%	1,136	0.9%	1,442	1.3%	1,142	1.0%
Software	Segment income	231	10.5%	122	4.0%	288	6.9%	307	9.6%	111	2.5%
	Margin	15.0%		11.7%		25.4%		21.3%		9.7%	
	Net sales	6,165	5.1%	5,922	4.9%	5,901	4.8%	4,909	4.5%	6,075	5.2%
Others	Segment income	175	8.0%	51	1.7%	-102	-2.4%	-57	-1.8%	198	4.5%
	Margin	2.8%		0.9%		-1.7%		-1.2%		3.3%	
	Net sales	122,077	100.0%	120,318	100.0%	122,975	100.0%	109,659	100.0%	116,582	100.0%
Total	Operating income	2,194	100.0%	3,067	100.0%	4,195	100.0%	3,212	100.0%	4,394	100.0%
	Margin	1.8%		2.5%		3.4%		2.9%		3.8%	

# Net Sales by Product (Full Year/ 1H)

(Million Yen)

	FY2014/3		FY2015/3		FY2016/3		FY2017/3		FY2018/3	
	Results	Composition	Results	Composition	Results	Composition	Results	Composition	Forecasts	Composition
Information equipment	52,874	20.5%	46,607	18.3%	48,940	19.9%	48,947	21.5%	48,000	20.7%
EMS	90,123	35.0%	95,102	37.3%	87,923	35.8%	80,598	35.5%	90,000	38.8%
Semiconductors	60,654	23.5%	52,965	20.8%	53,685	21.9%	42,722	18.8%	44,000	19.0%
General electronic components	26,825	10.4%	30,899	12.1%	29,102	11.9%	26,917	11.8%	24,000	10.3%
Others	27,375	10.6%	29,568	11.6%	25,735	10.5%	28,024	12.3%	26,000	11.2%
Total	257,852	100.0%	255,143	100.0%	245,387	100.0%	227,209	100.0%	232,000	100.0%

	FY20	014/3	FY20	FY2015/3		FY2016/3		017/3	FY2018/3	
	1H Results	Composition	1H Results	Composition	1H Results	Composition	1H Results	Composition	1H Results	Composition
Information equipment	22,711	18.6%	22,305	18.5%	24,243	19.7%	23,457	21.4%	26,521	22.7%
EMS	44,382	36.4%	42,747	35.5%	45,001	36.6%	39,569	36.1%	42,255	36.2%
Semiconductors	30,483	25.0%	25,668	21.3%	26,090	21.2%	20,514	18.7%	21,902	18.8%
General electronic components	12,151	10.0%	14,731	12.2%	15,025	12.2%	12,181	11.1%	14,677	12.6%
Others	12,347	10.1%	14,864	12.4%	12,613	10.3%	13,936	12.7%	11,226	9.6%
Total	122,077		120,318	100.0%	122,975	100.0%	109,659	100.0%	116,582	100.0%
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# Net Sales by Region (Full Year/1H)

#### (Million Yen)

	FY2014/3		FY2015/3		FY2016/3		FY2017/3		FY2018/3	
	Results	Composition	Results	Composition	Results	Composition	Results	Composition	Forecasts	Composition
Japan	180,170	69.9%	173,048	67.8%	167,914	68.4%	151,912	66.9%	147,000	63.4%
North America	3,918	1.5%	5,363	2.1%	5,840	2.4%	5,995	2.6%	7,500	3.2%
Europe	2,430	0.9%	2,506	1.0%	2,662	1.1%	2,518	1.1%	2,500	1.1%
East Asia	71,333	27.7%	74,225	29.1%	68,970	28.1%	66,783	29.4%	75,000	32.3%
Total	257,852	100.0%	255,143	100.0%	245,387	100.0%	227,209	100.0%	232,000	100.0%

	FY2014/3		FY2015/3		FY2016/3		FY2017/3		FY2018/3	
	1H Results	Composition								
Japan	84,033	68.8%	80,505	66.9%	84,170	68.4%	74,151	67.6%	73,789	63.3%
North America	1,920	1.6%	2,600	2.2%	3,293	2.7%	3,352	3.1%	4,580	3.9%
Europe	1,212	1.0%	1,281	1.1%	1,400	1.1%	1,170	1.1%	1,779	1.5%
East Asia	34,909	28.6%	35,930	29.9%	34,111	27.7%	30,985	28.3%	36,433	31.3%
Total	122,077	100.0%	120,318	100.0%	122,975	100.0%	109,659	100.0%	116,582	100.0%

# Breakdown of SG&A (Full Year/1H)

	FY2014/3 Results	FY2015/3 Results	FY2016/3 Results	FY2017/3 Results	FY2018/3 Forecasts	Percentage of sales
Net sales	257,852	255,143	245,387	227,209	232,000	100.0%
Gross profit	32,522	32,738	33,648	31,225	32,250	13.9%
SG&A	27,416	26,376	25,859	24,346	24,750	10.7%
of which) Personnel expenses*	15,269	15,056	15,106	14,632	14,509	6.3%
Packing and freightage expenses	2,569	2,606	2,455	2,278	2,248	1.0%
R&D expenses	219	151	280	186	57	0.0%
Depreciation	768	773	686	561	535	0.2%
Rent expenses	2,061	1,118	1,153	1,140	1,248	0.5%
Operating income	5,106	6,362	7,788	6,879	7,500	3.2%
Number of employees	4,752	5,092	5,243	5,216	5,188	-

\*Personnel expenses : Directors' compensations, Employees' bonuses and salaries, Retirement payments, Legal welfare expenses.

					(	Million Yen)
	FY2014/3	FY2015/3	FY2016/3	FY2017/3	FY2018/3	Percentage
	1H Results	of sales				
Net sales	122,077	120,318	122,975	109,659	116,582	100.0%
Gross profit	15,728	15,796	16,991	15,172	16,218	13.9%
SG&A	13,534	12,729	12,796	11,959	11,824	10.1%
of which) Personnel expenses*	7,537	7,297	7,437	7,145	6,988	6.0%
Packing and freightage expenses	1,254	1,255	1,226	1,113	1,189	1.0%
R&D expenses	130	76	116	117	40	0.0%
Depreciation	357	341	315	284	251	0.2%
Rent expenses	1,052	558	576	573	611	0.5%
Operating income	2,194	3,067	4,195	3,212	4,394	3.8%
Number of employees	4,715	4,922	5,048	4,979	5,198	-

\*Personnel expenses : Directors' compensations, Employees' bonuses and salaries, Retirement payments, Legal welfare expenses.

# **Balance Sheet**

	2014/3	2015/3	2016/3	2017/3	2017/9
ASSETS					
Current assets	102,930	104,424	101,961	103,684	104,238
Cash and deposits	14,192	18,130	22,516	26,423	30,393
Notes and accounts receivable -trade	60,667	58,167	54,795	52,009	50,024
Inventories	21,217	22,701	19,174	19,325	19,136
Others	6,854	5,426	5,476	5,925	4,683
Non-current assets	23,098	23,524	22,319	22,067	22,966
Property, plant and equipment	12,625	12,725	12,058	11,745	11,999
Intangible assets	1,533	1,131	1,003	841	754
Investments and other assets	8,938	9,667	9,257	9,479	10,211
Total assets	126,028	127,948	124,281	125,751	127,204
LIABILITIES	73,202	68,345	62,472	59,819	58,197
Current liabilities	63,410	54,612	51,169	50,242	48,972
Notes and accounts payable -trade	41,695	40,543	36,858	37,553	35,512
Short-term loans payable	12,172	5,925	6,295	4,883	5,455
Other	9,541	8,142	8,014	7,806	8,005
Non-current liabilities	9,792	13,733	11,303	9,576	9,224
Long-term loans payable	4,681	8,253	6,007	4,603	3,804
Other	5,111	5,480	5,296	4,973	5,420
Total liabilities	73,202	68,345	62,472	59,819	58,197
NET ASSETS					
Shareholders' equity	52,923	56,538	60,702	64,481	66,977
Capital stock	12,133	12,133	12,133	12,133	12,133
Capital surplus	13,912	13,912	13,912	13,912	13,853
Retained earnings	27,414	31,029	35,195	40,476	43,032
Treasury shares	-536	-537	-539	-2,040	-2,041
Total accumulated other comprehensive income	-137	3,026	1,061	1,391	1,958
Non-controlling interests	39	38	44	59	71
Total net assets	52,825	59,603	61,808	65,932	69,006
Total liabilities and net assets	126,028	127,948	124,281	125,751	127,204

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Cash Flows

	FY2014/3 Results	FY2015/3 Results	FY2016/3 Results	FY2017/3 Results	FY2018/3 1H Results
Cash flows from operating activities	3,334	9,127	9,546	10,746	5,875
Cash flows from investing activities	-3,339	-1,465	-1,263	-258	-1,345
Cash flows from financing activities	1,024	-4,431	-3,067	-6,118	-1,265
Cash and cash equivalents at end of period	13,361	17,569	21,879	26,021	29,387
Capital expenditures /Investment and loans	4,087	2,649	2,166	1,464	1,912
Depreciation	2,418	1,907	1,604	1,452	694

# "Everything we do is for our customers"



20 Kandamatsunagacho, Chiyoda-ku, Tokyo 101-8629

Contact: Secretarial & Public Relations Office TEL:+81-3-5657-0106 FAX:+81-3-3254-7133 E-mail: webmaster@taxan.co.jp

http://www.taxan.co.jp

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.