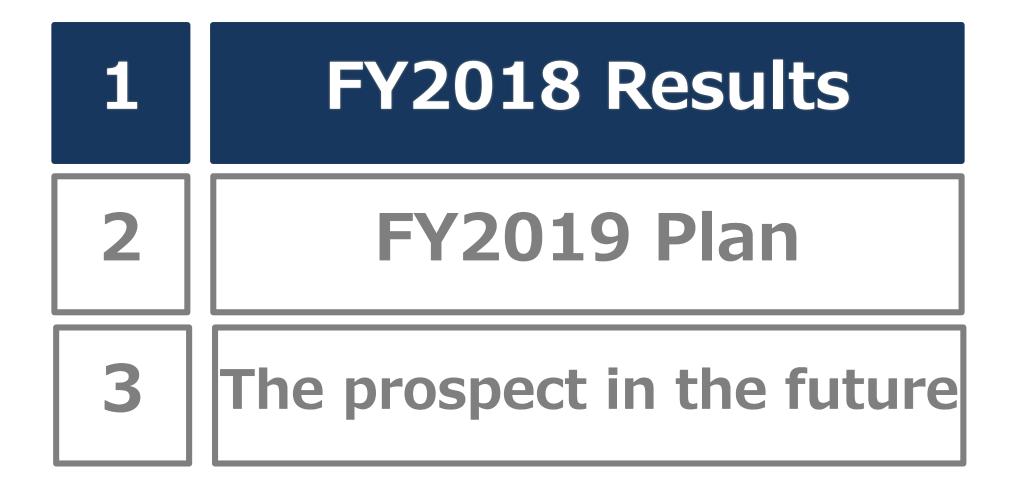
# FY2018 Financial Results Briefing

#### May 16, 2019







#### **Financial Results Highlights in FY2018**



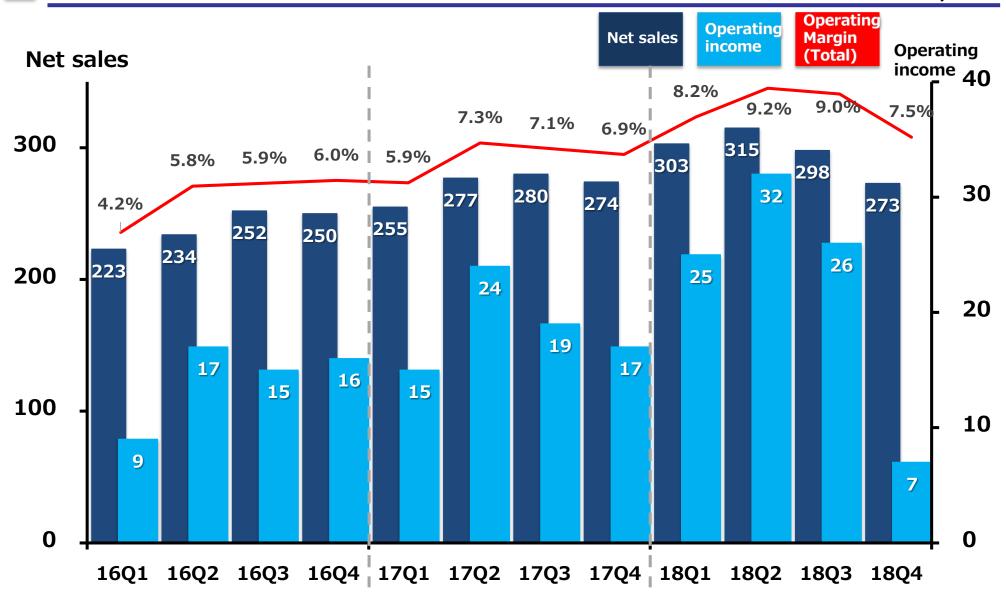
# FY2018 Consolidated Business Performance (100 million yen)

	FY2017	FY2018	Year-on-year	
	performance performance		Increase	%
Net sales	1,085	1,189	104	9.6%
Operating income	74	89	15	19.7%
	6.9%	7.5%		
Ordinary income	48	86	38	79.6%
	4.4%	7.2%		
Net income	43	67	24	54.2%
	4.0%	5.6%		
Average Exchange rate (Yen/USD)	110.66	111.04		



#### Net sales, Operating income

(100 million yen)



#### **FY2018** Product Revenue

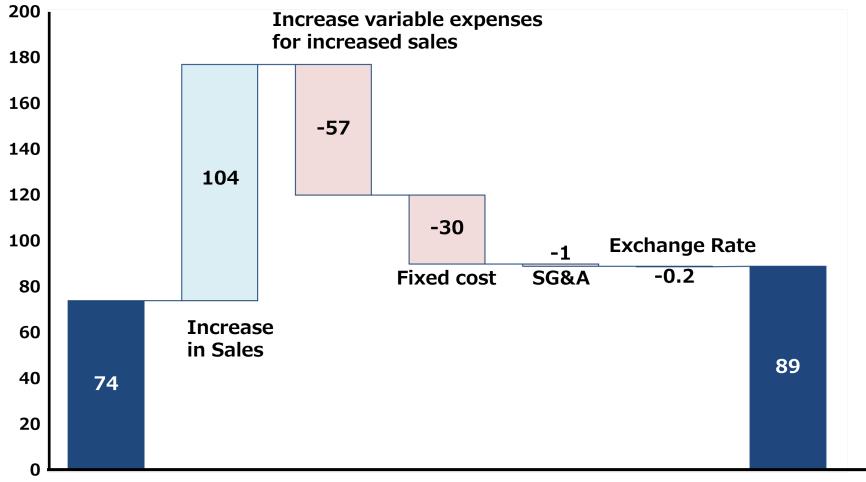
(100 million yen)

	FY2017		FY2018		Difference	
	Sales	Operating i n c o m e	Sales	Operating i n c o m e	Sales	Operating i n c o m e
		%		%	%	%
Automotive	ve 483	37	547	39	64	2
		7.7%		7.1%	13.3%	5.4%
Smartphones	324	27	325	38	1	11
		8.3%		11.7%	0.3%	40.7%
Others	278	10	317	12	39	2
		3.6%		3.8%	14.0%	20.0%
Total 1	1,085	74	1,189	89	104	15
		6.9%	-	7.5%	9.6%	19.7%



### Analysis of operating profit change FY2017→FY2018

(100 million yen)



FY2017 performance (Exchange rate 110.66yen/us\$) FY2018 performance (Exchange rate111.04yen/us\$)

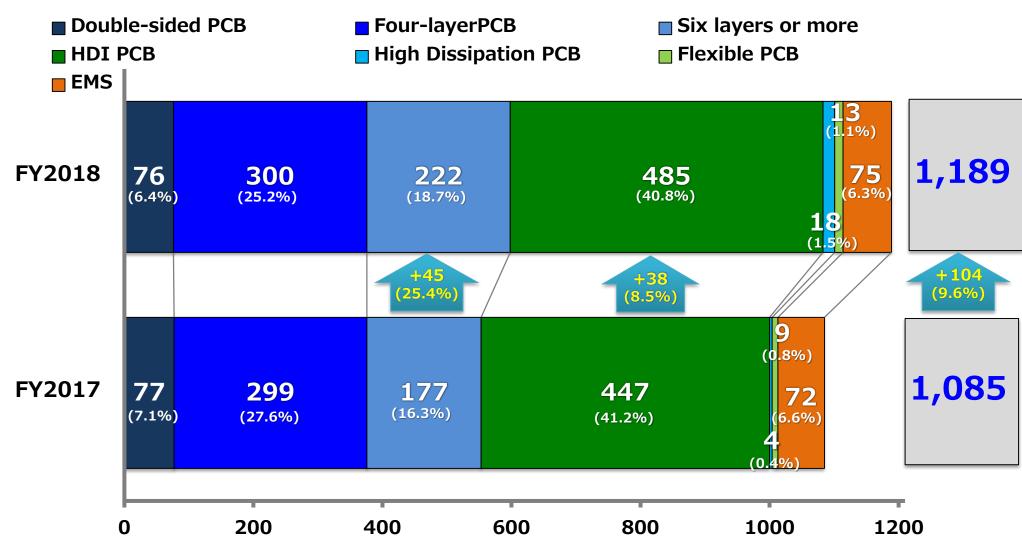


# **By product Application**

(100 million yen) Automobiles **Smartphones** Storage **Office equipment** Digital home appliances Industrial equipment Amusement IoT **EMS**  $\Delta \Delta$ (3.7%) 8%) 1,189 **FY2018 13 75** (1.1%) (6.3%) 547 325 (46.0%) (27.3%)65 (5.5% +104+64+23(9.6%) (109.5% 13.3% %)(1<mark>.9%</mark>) 1,085 FY2017 483 324 72 1.7% (6.7% (44.5%) (29.9%)58 **5.3**% 200 400 600 800 1000 1200 0

### By product specification

(100 million yen)







### The prospect in the future

#### Net sales

Operating income Affected by a drop in demand in the previous quarter, but gradually recovering •Automotive are expected to increase as demand recovers and new business starts

- Smartphone is likely to reduce build-up substrates for other applications
- Others are expected to increase for IoT, AI home appliances, and amusement
- $\rightarrow$ For the full year, it will increase 10,400 million from fiscal 2018 120,000 million yen.

- Operating income is expected to be 7,500 million yen, down 1,400 million yen from the previous year
  - Ordinary income expected to be 6,300 million yen, down 2,300 million yen from the previous year
    - Net income expected to be 5,300 million yen, down 1,400 million yen from the previous year



# **Consolidated financial prospect for FY2019**

(100million yen)

	FV2010	FY2019	Difference		
	FY2018 F		increase	%	
Net Sales	1,189	1,200	11	0.9%	
Operating	89	75	-14	-16.0%	
income	7.5%	6.3%			
Ordinary	86	63	-23	-26.8%	
income	7.2%	5.3%			
Net	67	53	-14	-21.4%	
income	5.6%	4.4%			
Exchange rate (Yen/USD)	111.04	111.00			



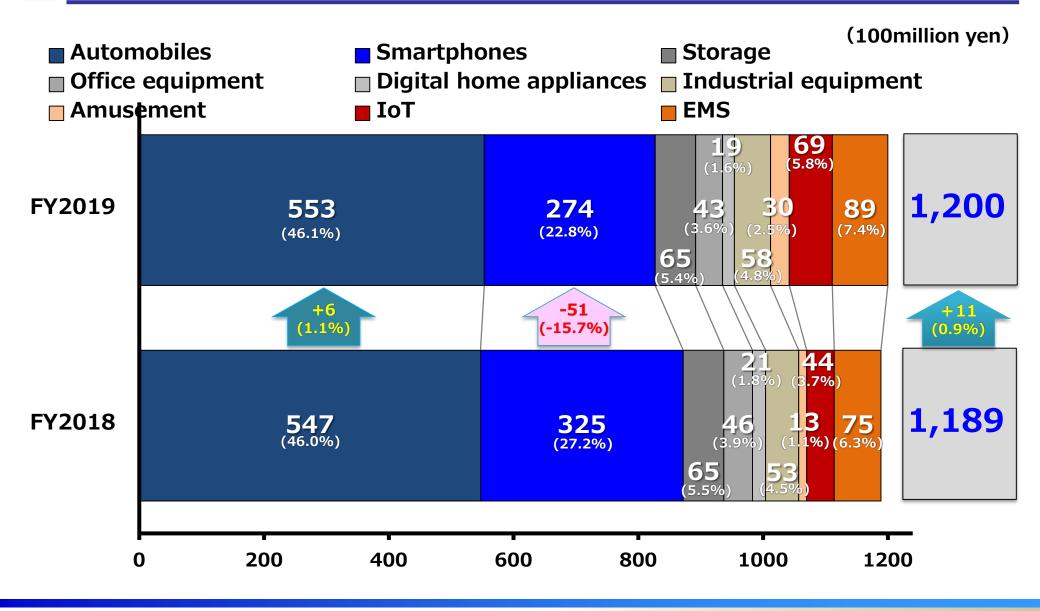
#### **FY2019 Product Revenue**

(100million yen)

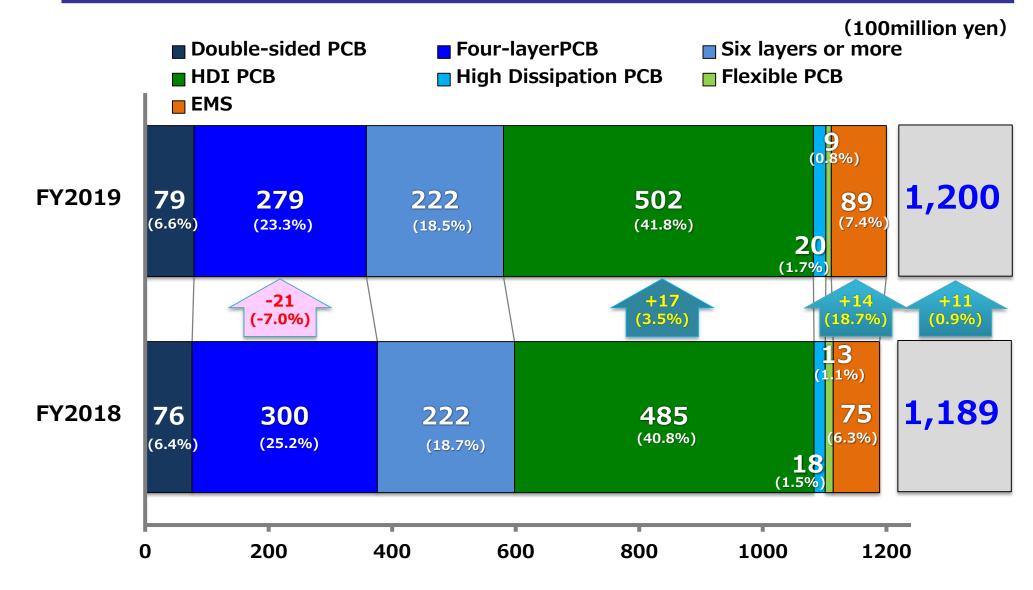
	FY2018		FY2019		Difference	
	Sales	Operating i n c o m e	Sales	Operating i n c o m e	Sales	Operating income
		%		%	%	%
Automotive	547	39	553	40	6	1
		7.1%		7.2%	1.1%	2.6%
Smartphones	325	38	274	22	-51	-16
		11.7%		8.0%	-15.7%	-42.1%
Others	317	12	373	13	56	1
		3.8%		3.5%	17.7%	8.3%
Total	1,189	89	1,200	75	11	-14
		7.5%	-	6.3%	0.9%	-16.0%

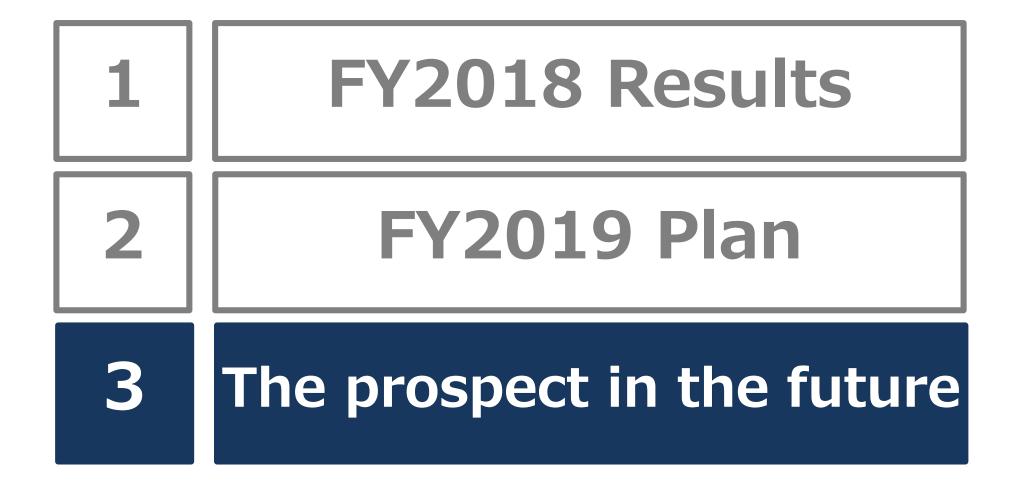


### Sales forecast By product Application in FY2019



#### Sales forecast by product specification in FY2019

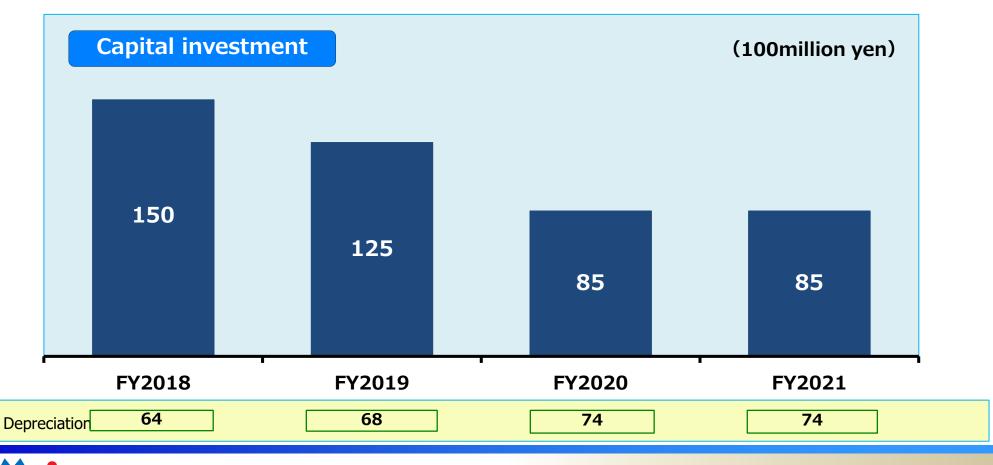




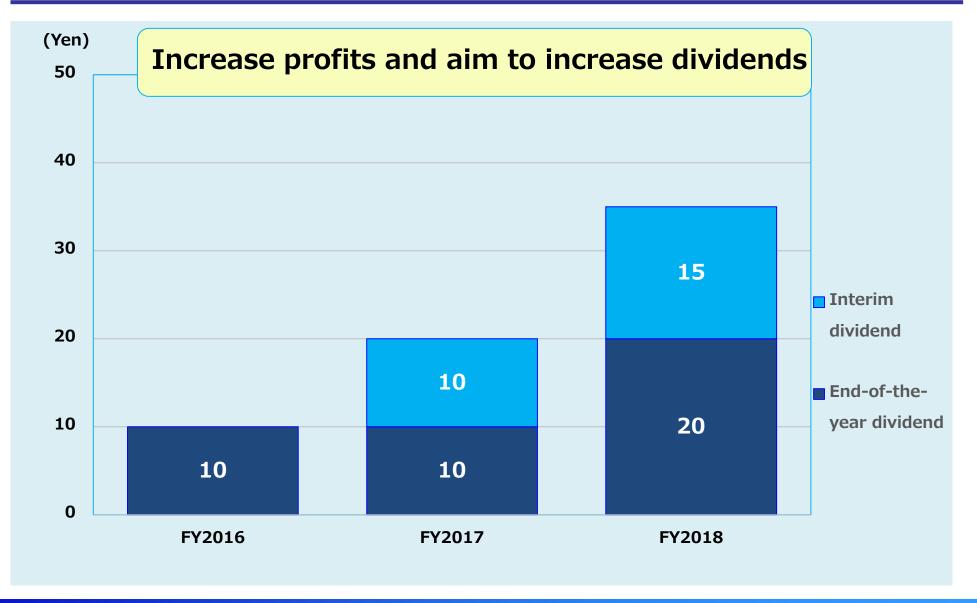


#### Expand the scale while strengthening the financial position

- Reduce interest-bearing debt through curbing investment
- $\boldsymbol{\cdot}$  As a result, improve the equity ratio and the ratio of net debt to sales
- With the completion of a new plant in Vietnam, we aim to double the scale of production in three years

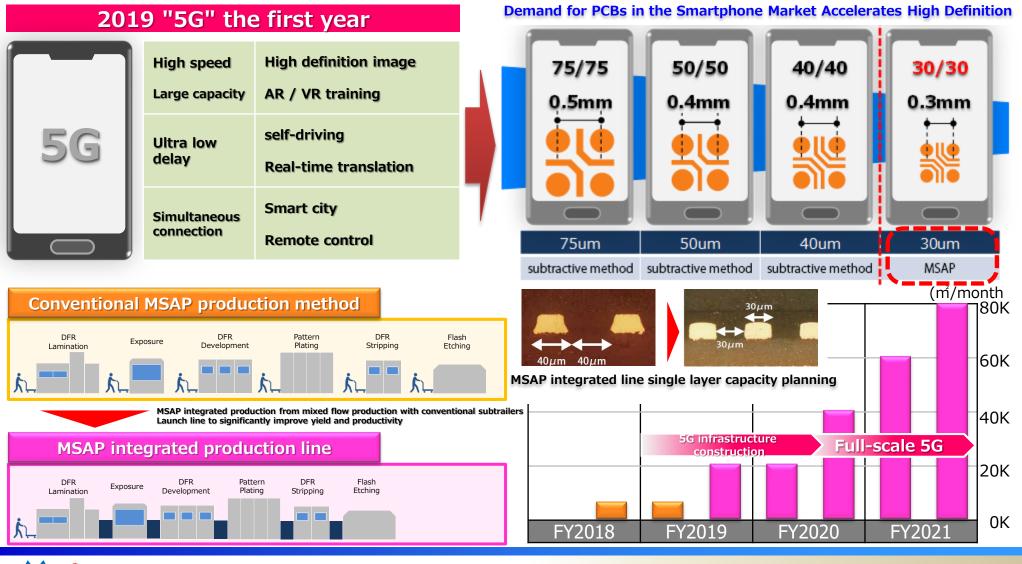


#### **Transition of dividends**



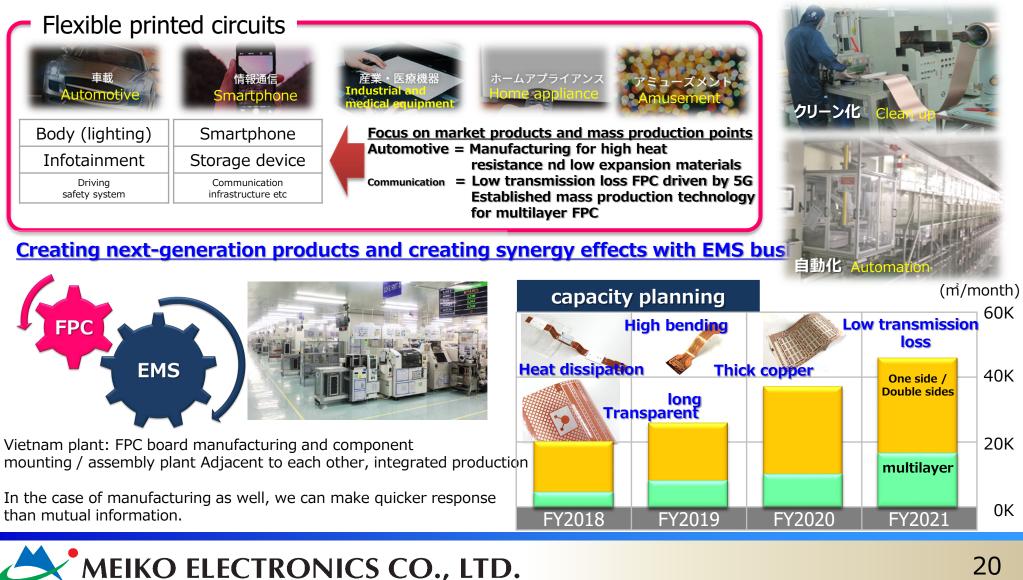


In the smartphone market, requirements for printed circuit boards are changing due to the new communication infrastructure "5G"



# **FPC** business policy

In the future, the FPC market is expected to be used in many vehicles, and we can leverage our strengths. In the field of communications, we will accelerate the response to a wide range of products such as high-speed communications products.



# Vietnam factory policy

Third factor

Site area : 170,000m<sup>4</sup> Factory area : 80,000m<sup>4</sup>+45,000m<sup>4</sup>+20,000m<sup>4</sup> (Third factory ) (first Factory)

Second Factory

Expansion of the first Factory

•FPC business expansion •EMS business expansion

(1000m<sup>2</sup>/Month)

#### Third factory construction

- ·High-end smartphone
- MSAP integrated production line
- Automotive Development Product Space

#### Second factory

•Support for increased production of automotive products •Automotive build-up board

Mass production of the new plant will start in July 2019

Production capacity expansion plan		FY2018	FY2019	FY2020	FY2021
First Factory	FPC	20	25	35	45
	(EMS)	(12)	(16)	(22)	(28)
Second Factory	MLB for Automotive	40	80	120	150
	HDI for Automotive	(5)	(10)	(20)	(30)
Third factory	HDI for Smartphone	70	75	80	85
	(MSAP)	-	(20)	(40)	(80)
	Automotive Development	-	-	5	10

First Facto

※Figures in parentheses are the number of the above production (EMS is the number of lines)