

October 31, 2011 Murata Manufacturing Co., Ltd.







### 1. Second Quarter of FY2011

## From April 1, 2011 to September 30, 2011 Consolidated basis

### **Financial Results Overview**



	FY2010		FY2011				Change			
	First Half		1Q 2Q		First Half		Q on Q		Y on Y	
	(a)		(b)	(c)	(d)		(c) vs. (b)		(d) vs. (a)	
	(B JPY)	(%)	(B JPY)	(B JPY)	(B JPY)	(%)	(B JPY)	(%)	(B JPY)	(%)
Net sales	315.0	100.0	143.2	152.7	295.9	100.0	+9.4	+6.6	▲19.1	<b>▲</b> 6.1
Operating income	46.3	14.7	17.2	13.8	31.0	10.5	<b>▲</b> 3.4	▲20.0	▲15.2	▲32.9
Income before income taxes	47.5	15.1	19.1	15.6	34.7	11.7	<b>▲</b> 3.5	▲18.3	▲12.7	▲26.8
Net income	31.1	9.9	14.2	9.4	23.7	8.0	<b>▲</b> 4.8	▲33.8	<b>▲</b> 7.4	▲23.8

## **Sales by Product**



	FY2	010			FY2	011		Cha	nge	
	First	Half	1Q 2Q First		Half	Q o	Q on Q		Y on Y	
	(a)		(b)	(c)	(d)		(c) vs. (b)		(d) vs. (a)	
	(B JPY)	(%)	(B JPY)	(B JPY)	(B JPY)	(%)	(B JPY)	(%)	(B JPY)	(%)
Capacitors	114.2	36.4	55.8	54.1	109.9	37.3	▲1.8	▲3.2	<b>▲</b> 4.3	▲3.7
Piezoelectric Components	46.0	14.7	19.1	20.5	39.6	13.4	+1.3	+7.0	▲6.5	▲14.0
Other Components	60.3	19.2	28.2	29.2	57.4	19.5	+1.0	+3.7	▲2.9	<b>▲</b> 4.9
Communication Modules	65.9	21.0	27.3	35.2	62.5	21.2	+8.0	+29.2	▲3.4	<b>▲</b> 5.2
Power Supplies and Other Modules	27.4	8.7	12.3	13.1	25.4	8.6	+0.9	+6.9	▲2.1	<b>▲</b> 7.5
Net Sales	313.8	100.0	142.7	152.1	294.7	100.0	+9.4	+6.6	▲19.1	▲6.1

### Sales by Product FY11 First Half vs. FY10 First Half



Canacitors	MLCCs: Grew for mobile phones and automotive electronics due to						
Capacitors ▲3.7%	increase in sales quantity and improvement in product mix, but declined for AV devices, resulting in slight decrease in total.						
Piezoelectric Components ▲14.0%	<ul> <li>SAW filters: Increased greatly in quantity terms due to growing production of mobile phones and increased number of components per device with the ongoing trend toward multi-band devices, but declined in value terms due to price decline and yen appreciation.</li> </ul>						
	<ul> <li>Ceramic resonators: Decreased mainly for computers and peripherals, and AV devices.</li> </ul>						
	<ul> <li>Piezoelectric sensors: Declined for HDDs (shock sensors) and back sonar (ultrasonic sensors).</li> </ul>						
	<ul> <li>EMI suppression filters: Grew for computers and peripherals, but dropped significantly for AV devices, resulting in decrease in total.</li> </ul>						
Other Components ▲4.9%	<ul> <li>Inductors (Coils): Increased in total. Increased for computers and peripherals but declined for AV devices and automotive electronics.</li> </ul>						
	● Connectors: Rose greatly mainly for tablet devices.						
Communication Modules	<ul> <li>WiFi/Bluetooth modules: Grew steadily in total. Increased significantly for smartphones and tablet devices, but decreased largely for portable media players and automotive electronics.</li> </ul>						
▲5.2%	Multilayer devices: Decreased for communication devices.						
Power Supplies and Other Modules ▲7.5%	<ul> <li>Power supplies: Increased for AV devices and automotive electronics but sluggish for use in other applications.</li> </ul>						

### Sales by Product FY11 Second Quarter vs. FY11 First Quarter



Capacitors ▲3.2%	<ul> <li>MLCCs: Increased for automotive electronics but declined for computers and peripherals, resulting in slight decrease in total.</li> </ul>
Piezoelectric Components +7.0%	<ul> <li>SAW filters: Rose greatly for mobile phones.</li> <li>Actuators: Grew significantly for diesel engines.</li> </ul>
Other Components +3.7%	<ul> <li>Inductors (Coils): Increased mainly for mobile phones.</li> <li>Connectors: Increased considerably for smartphones and tablet devices.</li> </ul>
Communication Modules	WiFi/Bluetooth modules: Grew largely for smartphones, portable media players and automotive electronics.
+29.2%	<ul> <li>Multilayer devices: Attained large growth for communication devices.</li> </ul>
Power Supplies and Other Modules +6.9%	Power supplies: Increased mainly for printers and copy machines.

## Sales by Application



	FY2	010			FY2	011		Cha	nge	
	First Half		1Q	2Q	First Half		Q on Q		Y on Y	
	(a)		(b)	(c)	(d)		(c) vs. (b)		(d) vs. (a)	
	(B JPY)	(%)	(B JPY)	(B JPY)	(B JPY)	(%)	(B JPY)	(%)	(B JPY)	(%)
AV	42.9	13.7	15.1	17.4	32.6	11.1	+2.3	+15.4	▲10.4	▲24.1
Communication	132.5	42.2	60.3	67.1	127.4	43.2	+6.8	+11.2	<b>▲</b> 5.1	<b>▲</b> 3.9
Computers and Peripherals	59.5	19.0	29.0	27.9	56.9	19.3	▲1.0	▲3.6	<b>▲</b> 2.6	<b>▲</b> 4.4
Automotive Electronics	39.5	12.6	18.8	21.0	39.8	13.5	+2.2	+11.4	+0.4	+0.9
Home and Others	39.4	12.5	19.4	18.6	38.0	12.9	▲0.8	<b>▲</b> 4.1	▲1.4	▲3.5
Net Sales	313.8	100.0	142.7	152.1	294.7	100.0	+9.4	+6.6	▲19.1	<b>▲</b> 6.1

<sup>\*</sup> Based on our estimate

# Sales by Application FY11 First Half vs. FY10 First Half



AV ▲24.1%	<ul> <li>Sales of WiFi modules decreased greatly for portable media players.</li> <li>Sales of MLCCs declined considerably for flat-panel TVs.</li> </ul>
Communication ▲3.9%	<ul> <li>Sales of WiFi modules and MLCCs increased.</li> <li>Sales of multilayer devices, SAW filters and One Seg tuners decreased.</li> </ul>
Computers and Peripherals <b>A</b> 4.4%	<ul> <li>Sales of connectors and WiFi modules increased significantly.</li> <li>Sales of power supplies and shock sensors declined largely.</li> </ul>
Automotive Electronics +0.9%	<ul> <li>Sales of MLCCs and LTCC substrates grew greatly.</li> <li>Sales of actuators decreased substantially.</li> </ul>

<sup>\*</sup> Based on our estimate

# Sales by Application FY11 Second Quarter vs. FY11 First Quarter

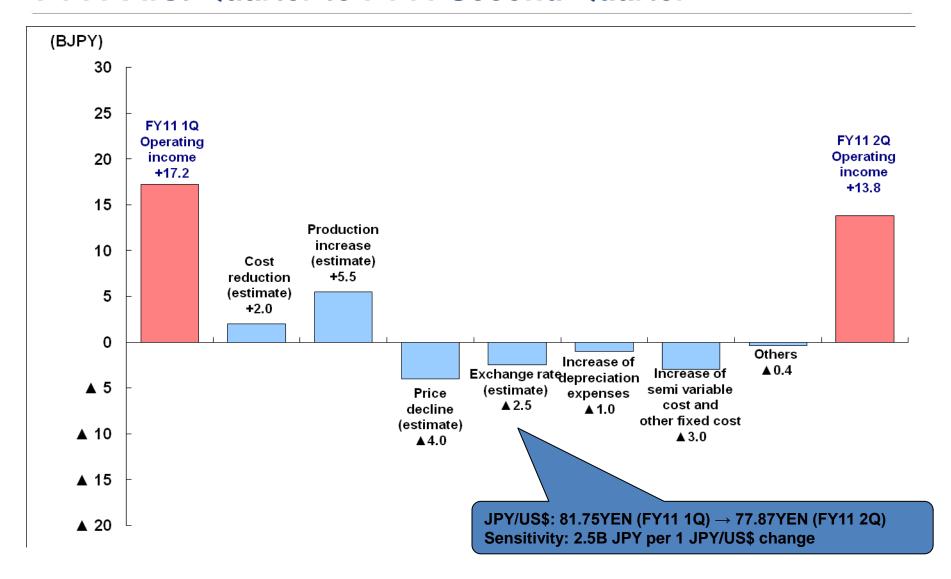


AV +15.4%	Sales of WiFi modules rose largely for portable media players.
Communication +11.2%	<ul> <li>Sales of WiFi modules, SAW filters, connector and multilayer devices increased strongly.</li> </ul>
Computers and Peripherals <b>A</b> 3.6%	<ul> <li>Sales of WiFi models and power supplies grew considerably.</li> <li>Sales of MLCCs declined significantly.</li> </ul>
Automotive Electronics +11.4%	Sales of MLCCs, Bluetooth modules and actuators increased greatly.

<sup>\*</sup> Based on our estimate

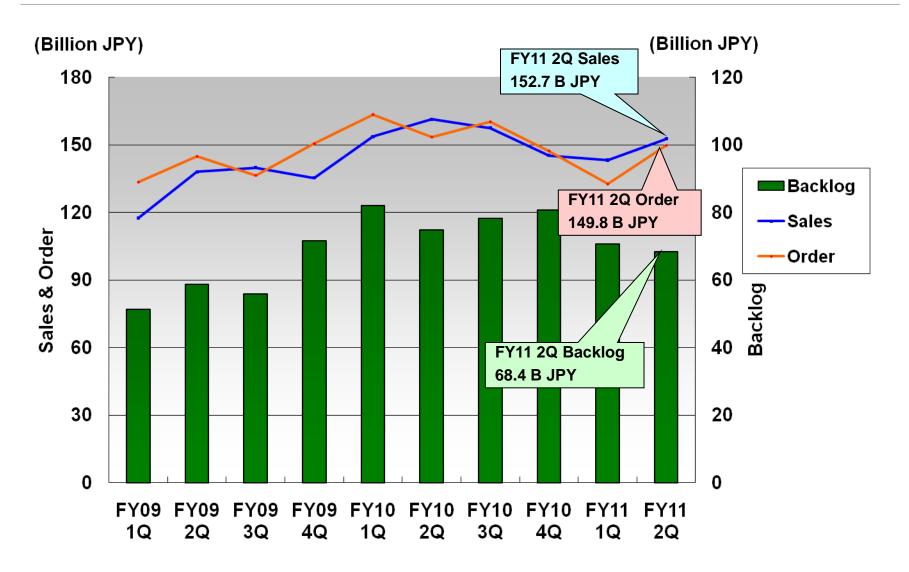
# Breakdown of Operating Income Changes FY11 First Quarter to FY11 Second Quarter





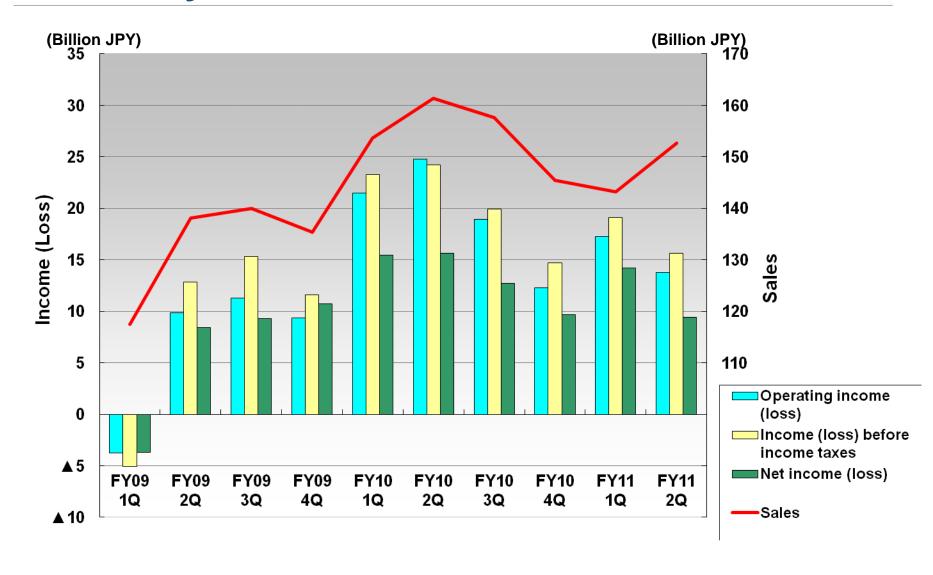
## **Quarterly Sales, Order and Backlog**





## **Quarterly Financial Results**







## 2. Projected Financial Results for FY2011

(from April 2011 to March 2012)

## **Projected Sales by Product**



	FY2011 Projections (Growth Ratio against FY2010)	FY2011 Second Half Projections (Growth Ratio against First Half)
Capacitors	<b>▲</b> 3%	<b>▲</b> 4%
Piezoelectric Components	<b>▲</b> 7%	+4%
Other Components	Flat	+4%
Communication Modules	▲2%	+17%
Power supplies and Other Modules	<b>▲</b> 7%	▲8%
Total	<b>▲</b> 3%	+3%

## **Projected Sales by Application**



	FY2011 Projections (Growth Ratio against FY2010)	FY2011 Second Half Projections (Growth Ratio against First Half)
AV	<b>▲</b> 18%	Flat
Communication	Flat	+10%
Computers and Peripherals	<b>▲</b> 3%	<b>▲</b> 5%
Automotive Electronics	+4%	+7%
Home and Others	Flat	<b>▲</b> 10%
Total	<b>▲</b> 3%	+3%





	FY2011 First Half	FY2011 Second Half	FY2011
	Results	Projections	Projections
Depreciation and amortization	28.5B JPY	32.5B JPY	61.0B JPY
R & D expenses	20.0B JPY	20.0B JPY	40.0B JPY
Capital expenditures	33.7B JPY	36.3B JPY	70.0B JPY
Average exchange rate (JPY/US\$)	79.81	77.0	
Average exchange rate (JPY/EUR)	113.78	105.00	

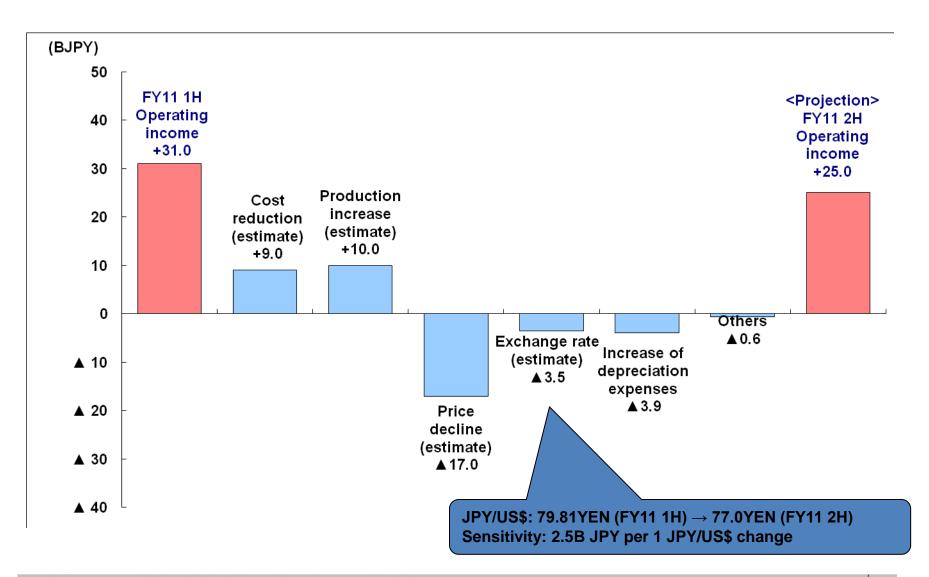




	Pre	evious (April	2011)	Revised (October 2011)							
			FY2011	FY2011							
	First Half Projections	Second Half Projections	Projections	First Half Second Half Results Projections		Projec	ctions				
	(B JPY)	(B JPY)	(B JPY)	(B JPY)	(%)	(B JPY)	(%)	(B JPY)	(%)		
Net sales	310.0	340.0	650.0	295.9	100.0	304.1	100.0	600.0	100.0		
Operating Income	40.0	44.0	84.0	31.0	10.5	25.0	8.2	56.0	9.3		
Income before income taxes	43.0	46.0	89.0	34.7	11.7	27.3	9.0	62.0	10.3		
Net income	28.0	30.0	58.0	23.7	8.0	18.3	6.0	42.0	7.0		

# Breakdown of Operating Income Changes FY11 First Half to FY11 Second Half





### **Acquisition of VTI Technologies Oy** (1/2)



### 1. Goal

#### < To Enhance Murata's Sensor Business >

- ✓ To add VTI's MEMS sensors for automotive, industrial and medical applications to our product lineup, in response to the policy to increase sales for new markets in our midterm business plan.
- ✓ To expand sales of gyroscopes and acceleration sensors for the consumer market, utilizing the synergy between VTI's advanced MEMS technologies and products, and Murata's strong relationship with customers in the consumer market.

## **Acquisition of VTI Technologies Oy (2/2)**



### 2. VTI's main products

(Automotive market)

Acceleration sensors and combo sensors (acceleration + gyro) for ESC, ABS etc.

(Industrial and medical market)
Inclination sensors for industrial machines
Acceleration sensors for medical equipment

(Consumer market)

3-axis gyroscopes

3-axis acceleration sensors

### 3. Schedule moving forward

The acquisition is expected to close by April 2012, pending approval under the applicable laws and regulations of each country.

# Definitive Agreement to Acquire High-Power Amplifier Business from Renesas Electronics



Definitive agreement regarding the acquisition of Renesas Electronics' high-power amplifier business was executed on October 31, 2011.

#### 1. Goal

To enhance Murata's communication module business through the integrated technologies of its world-leading front-end modules (FEMs) and Renesas Electronics' market-proven highpower amplifiers (HPAs).

#### 2. Businesses to acquire

- Renesas Electronics' high-power amplifier business
- The Nagano Device Division of Renesas Eastern Japan Semiconductor, including its contract production business

#### 3. Business acquisition date

February 1, 2012 (scheduled)

## Dividends per share



FY2011 projected annual dividends per share

100 JPY per share

(Interim: 50 JPY per share, Year-end: 50 JPY per share)

FY2010 annual dividends per share 100 JPY per share (Interim: 50 JPY per share, Year-end: 50 JPY per share)

Note: The above projections are based on our view of the current business environment and our projections for FY2011.

## **Share Buyback**

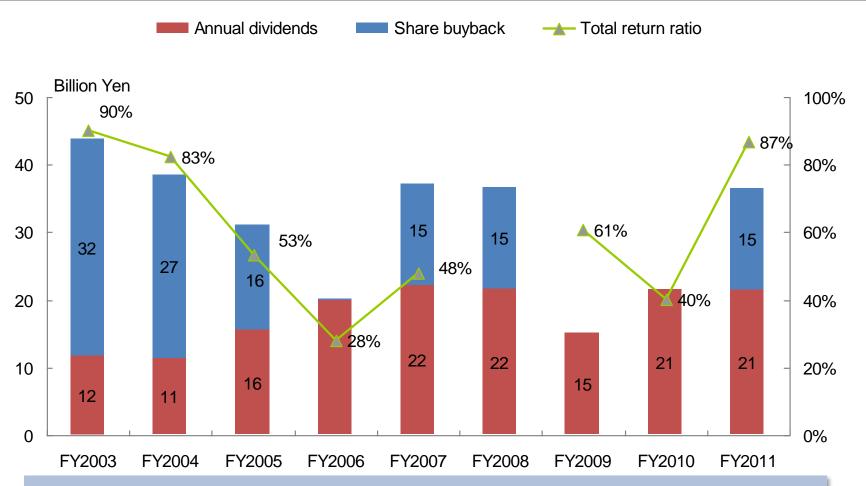


Purchase of our own shares was resolved at the board meeting on October 31, 2011.

- Number of shares to be purchased: up to 4 million (1.9% of the number of shares outstanding)
- Amount of acquisition: up to 15 billion yen
- Period of acquisition: from November 2, 2011 to December 22, 2011

#### Return to Shareholders





Our basic policy of profit distribution to shareholders is to prioritize the sharing of gains through payment of dividends, and to steadily raise them by increasing profit per share.



This report contains forward-looking statements concerning Murata Manufacturing Co., Ltd. and its Group companies' projections, plans, policies, strategies, schedules, and decisions. These forward-looking statements are not historical facts; rather, they represent the assumptions of the Murata Group based on information currently available and certain assumptions we deem as reasonable. Actual results may differ materially from expectations due to various risks and uncertainties. Readers are therefore requested not to rely on these forward-looking statements as the sole basis for evaluating the Group. The Company has no obligation to revise any of the forward-looking statements as a result of new information, future events or otherwise.

Risks and uncertainties that may affect actual results include, but are not limited to, the following: (1) economic conditions of the Company's business environment, and trends, supply-demand balance, and price fluctuations in the markets for electronic equipment and components; (2) price fluctuations and insufficient supply of raw materials; (3) exchange rate fluctuations; (4) the Group's ability to provide a stable supply of new products that are compatible with the rapid technical innovation of the electronic components market and to continue to design and develop products and services that satisfy customers; (5) changes in the market value of the Group's financial assets; (6) drastic legal, political, and social changes in the Group's business environment; and (7) other uncertainties and contingencies.