(Supplementary Information)

Ratio of results on a consolidated basis to results on a nonconsolidated basis

Ratio of the FY2002 Ratio of the corresponding period of the previous year 1.8

Net sales1.81.5Operating income-2.2Income before income taxes-5.2Net income-5.0

Exchange rates used for conversion

Exchange rates used for conversion							
	Term	April 1,2001 -		April 1,2000 -			
		Mar.31,2002		Mar.31,2001			
Items		US\$=Yen	Euro=Yen	US\$=Yen	Euro=Yen		
Sales		124.98	110.44	110.51	100.36		
The end of the p	eriod	133.25	116.14	123.90	109.33		

NONCONSOLIDATED

NONCONCOLIDATED						
Term	April 1,2001 - March 31,2002		April 1,2000 -			
			March 31,2001		Change	
	Amount	Ratio to	Amount	Ratio to	(%)	
Items	(YenMil.)	sales (%)	(YenMil.)	sales (%)		
Investment in facilities	34,563	-	35,952	-	-3.9	
Depreciation expenses	25,272	8.0	25,056	5.5	0.9	
Research and development	26,776	8.4	26,670	5.8	0.4	
expenses	20,770	0.4	20,070	5.0	0.4	
Result of financial operation	13,108		23,149		-43.4	
Number of employees (as at		7,168	7,314			
the end of the period)	7,108		7,314			

CONSOLIDATED

Term	April 1,2001 - March 31,2002		April 1,2000 - March 31,2001		
					Change
	Amount	Ratio to	Amount	Ratio to	(%)
Items	(YenMil.)	sales (%)	(YenMil.)	sales (%)	
Investment in facilities	58,777	-	99,452	-	-40.9
Depreciation expenses	61,920	10.8	63,579	9.2	-2.6
Research and development	38,630	6.7	36,970	5.4	4.5
expenses	30,030	0.7	30,970	5.4	4.5
Result of financial operation	769		4,599		-83.3
Number of employees (as at	32,249		37,251		
the end of the period)		32,249		31,231	
Ratio of overseas production	53.4 % 56.5 %		56.5 %		

OVERSEAS SALES BY DIVISION

OVERSEAS SALES BY DIVISION						
Term	April 1,2001 - March 31,2002		April 1,2000 - March 31,2001			
					Change	
	Amount	Ratio to	Amount	Ratio to	(%)	
Products	(YenMil.)	sales (%)	(YenMil.)	sales (%)		
Electronic materials and components	305,840	53.2	375,327	54.4	-18.5	
Electronic materials	116,275	20.2	148,455	21.5	-21.7	
Electronic devices	55,234	9.6	83,545	12.1	-33.9	
Recording devices	124,298	21.6	124,243	18.0	-	
Semiconductors & others	10,033	1.8	19,084	2.8	-47.4	
Recording media & systems	104,277	18.1	92,494	13.4	12.7	
Overseas sales	410,117	71.3	467,821	67.8	-12.3	