

Spring 2016	Amounts in US\$M				Year on Year Growth in %			
	2015	2016	2017	2018	2015	2016	2017	2018
Americas	68,738	63,706	64,892	66,260	-0.8	-7.3	1.9	2.1
Europe	34,258	34,229	34,778	35,337	-8.5	-0.1	1.6	1.6
Japan	31,102	30,563	30,908	31,447	-10.7	-1.7	1.1	1.7
Asia Pacific	201,070	198,683	203,130	207,894	3.5	-1.2	2.2	2.3
<b>Total World - \$M</b>	<b>335,168</b>	<b>327,180</b>	<b>333,708</b>	<b>340,938</b>	<b>-0.2</b>	<b>-2.4</b>	<b>2.0</b>	<b>2.2</b>
<b>Discrete Semiconductors</b>	<b>18,612</b>	<b>18,711</b>	<b>19,211</b>	<b>19,735</b>	<b>-7.7</b>	<b>0.5</b>	<b>2.7</b>	<b>2.7</b>
<b>Optoelectronics</b>	<b>33,256</b>	<b>33,860</b>	<b>35,535</b>	<b>36,758</b>	<b>11.3</b>	<b>1.8</b>	<b>4.9</b>	<b>3.4</b>
<b>Sensors</b>	<b>8,816</b>	<b>9,484</b>	<b>9,831</b>	<b>10,137</b>	<b>3.7</b>	<b>7.6</b>	<b>3.7</b>	<b>3.1</b>
<b>Integrated Circuits</b>	<b>274,484</b>	<b>265,126</b>	<b>269,131</b>	<b>274,308</b>	<b>-1.0</b>	<b>-3.4</b>	<b>1.5</b>	<b>1.9</b>
Analog	45,228	45,666	47,075	48,412	1.9	1.0	3.1	2.8
Micro	61,298	61,647	62,275	63,288	-1.2	0.6	1.0	1.6
Logic	90,753	88,477	88,658	89,661	-1.0	-2.5	0.2	1.1
Memory	77,205	69,336	71,123	72,947	-2.6	-10.2	2.6	2.6
<b>Total Products - \$M</b>	<b>335,168</b>	<b>327,180</b>	<b>333,708</b>	<b>340,938</b>	<b>-0.2</b>	<b>-2.4</b>	<b>2.0</b>	<b>2.2</b>