



	Fiscal Years			FY 2014				FY 2015				FY 2016				FY 2017		
	2014	2015	2016	Q1'14	Q2'14	Q3'14	Q4'14	Q1'15	Q2'15	Q3'15	Q4'15	Q1'16	Q2'16	Q3'16	Q4'16	Q1'17	Q2'17	Q3'17
<b>Cash Flow Metrics</b>																		
Cash Flow from Operations	\$ (635)	\$ 1,571	\$ 45,685	\$ (4,692)	\$ (2,176)	\$ (2,679)	\$ 8,912	\$ (5,874)	\$ (1,283)	\$ 9,505	\$ (777)	\$ 499	\$ 12,721	\$ 20,881	\$ 11,584	\$ 3,075	\$ 7,183	\$ 5,126
Capital Expenditures	\$ (5,792)	\$ (1,846)	\$ (3,999)	\$ (2,193)	\$ (230)	\$ (377)	\$ (2,992)	\$ (502)	\$ (541)	\$ (322)	\$ (481)	\$ (610)	\$ (1,918)	\$ (821)	\$ (650)	\$ (47)	\$ (1,489)	\$ (806)
<b>Free Cash Flow</b>	<b>\$ (6,427)</b>	<b>\$ (275)</b>	<b>\$ 41,686</b>	<b>\$ (6,885)</b>	<b>\$ (2,406)</b>	<b>\$ (3,056)</b>	<b>\$ 5,920</b>	<b>\$ (6,376)</b>	<b>\$ (1,824)</b>	<b>\$ 9,183</b>	<b>\$ (1,258)</b>	<b>\$ (111)</b>	<b>\$ 10,803</b>	<b>\$ 20,060</b>	<b>\$ 10,934</b>	<b>\$ 3,028</b>	<b>\$ 5,694</b>	<b>\$ 4,320</b>
Stock-Based Compensation Expense	\$ 6,752	\$ 6,248	\$ 7,666	\$ 1,634	\$ 1,776	\$ 1,705	\$ 1,637	\$ 1,571	\$ 1,411	\$ 1,682	\$ 1,584	\$ 1,689	\$ 1,743	\$ 2,000	\$ 2,234	\$ 2,164	\$ 2,163	\$ 2,447
Depreciation and Amortization	\$ 9,775	\$ 9,075	\$ 8,295	\$ 2,429	\$ 2,385	\$ 2,482	\$ 2,475	\$ 2,324	\$ 2,231	\$ 2,271	\$ 2,249	\$ 2,176	\$ 2,129	\$ 2,135	\$ 1,855	\$ 1,854	\$ 1,698	\$ 1,667
<b>Balance Sheet Metrics</b>																		
Cash, cash equivalents and marketable securities	\$ 83,962	\$ 83,085	\$ 129,961	\$ 88,037	\$ 87,361	\$ 84,373	\$ 83,962	\$ 77,049	\$ 74,789	\$ 84,626	\$ 83,085	\$ 83,344	\$ 95,984	\$ 118,527	\$ 129,961	\$ 132,096	\$ 135,693	\$ 140,356
A/R	\$ 26,121	\$ 37,832	\$ 39,457	\$ 32,417	\$ 33,458	\$ 26,061	\$ 26,121	\$ 39,072	\$ 44,441	\$ 37,573	\$ 37,832	\$ 44,482	\$ 54,099	\$ 41,182	\$ 39,457	\$ 48,419	\$ 46,966	\$ 41,261
Inventories	\$ 37,017	\$ 50,605	\$ 41,293	\$ 40,104	\$ 38,111	\$ 36,263	\$ 37,017	\$ 38,236	\$ 43,113	\$ 49,941	\$ 50,605	\$ 54,031	\$ 50,705	\$ 43,676	\$ 41,293	\$ 44,824	\$ 50,536	\$ 58,341
A/P	\$ 10,199	\$ 11,675	\$ 11,342	\$ 7,409	\$ 6,982	\$ 5,948	\$ 10,199	\$ 11,913	\$ 13,358	\$ 15,882	\$ 11,675	\$ 13,212	\$ 11,004	\$ 8,562	\$ 11,342	\$ 18,614	\$ 14,926	\$ 17,180
Working capital	\$ 119,644	\$ 132,903	\$ 174,353	\$ 147,645	\$ 151,515	\$ 130,215	\$ 119,644	\$ 125,497	\$ 127,982	\$ 132,679	\$ 132,903	\$ 140,423	\$ 150,468	\$ 163,316	\$ 174,353	\$ 183,752	\$ 196,871	\$ 205,805
Tangible book value	\$ 164,749	\$ 176,046	\$ 234,421	\$ 194,266	\$ 198,937	\$ 173,644	\$ 164,749	\$ 169,122	\$ 171,988	\$ 175,718	\$ 176,046	\$ 182,729	\$ 193,331	\$ 206,423	\$ 234,421	\$ 244,325	\$ 255,062	\$ 262,128
Cash per share	\$ 3.49	\$ 3.43	\$ 5.18	\$ 3.69	\$ 3.64	\$ 3.49	\$ 3.49	\$ 3.21	\$ 3.11	\$ 3.50	\$ 3.43	\$ 3.42	\$ 3.89	\$ 4.76	\$ 5.18	\$ 5.24	\$ 5.33	\$ 5.49
TBV per share	\$ 6.85	\$ 7.27	\$ 9.35	\$ 8.14	\$ 8.28	\$ 7.19	\$ 6.85	\$ 7.05	\$ 7.15	\$ 7.27	\$ 7.27	\$ 7.50	\$ 7.83	\$ 8.29	\$ 9.35	\$ 9.68	\$ 10.01	\$ 10.25
Days sales outstanding (DSO)	56	80	65	57	63	86	59	70	82	74	80	84	87	63	60	73	66	66
Inventory turns	2.4	1.9	2.6	2.7	2.6	1.7	2.3	2.8	2.3	1.9	1.7	1.7	2.1	2.6	2.7	2.7	2.4	1.8
Shares outstanding at end of period (per share calcs)	24,048	24,224	25,070	23,877	24,029	24,157	24,048	23,974	24,059	24,177	24,224	24,372	24,692	24,898	25,070	25,228	25,474	25,567
Headcount (ending)	525	518	532	543	540	528	525	526	530	540	518	519	520	527	532	534	559	570

**SUPPLEMENTAL REVENUE INFORMATION**

<b>Revenue segmentation by product/service</b>																		
Automated	66%	58%	58%	67%	72%	59%	64%	61%	60%	46%	49%	60%	48%	60%	62%	58%	60%	55%
Integrated	10%	17%	20%	14%	6%	6%	10%	9%	13%	24%	24%	18%	33%	17%	11%	16%	16%	14%
Materials Characterization Service	6%	7%	6%	5%	6%	7%	6%	6%	7%	10%	5%	5%	4%	8%	9%	7%	7%	12%
<b>Total revenues</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>Revenue segmentation by geography</b>																		
North America	23%	20%	14%	13%	27%	21%	32%	18%	31%	17%	11%	15%	16%	14%	*	23%	13%	11%
South Korea	25%	16%	20%	31%	17%	24%	27%	29%	15%	15%	*	18%	*	20%	34%	31%	49%	39%
China	17%	*	20%	30%	20%	10%	*	*	*	15%	12%	14%	23%	27%	14%	11%	11%	*
Taiwan	12%	25%	12%	*	13%	*	20%	29%	19%	25%	27%	11%	*	11%	17%	20%	*	*
EMEA	*	*	*	*	16%	12%	*	*	*	*	*	*	*	*	*	*	*	*
Japan	*	17%	12%	*	*	15%	13%	*	*	17%	36%	15%	12%	*	14%	*	14%	*
Singapore	*	*	*	*	*	16%	*	*	21%	*	*	21%	30%	13%	*	*	*	17%
Remainder of world	23%	22%	22%	26%	7%	2%	8%	24%	14%	11%	14%	6%	19%	16%	21%	15%	12%	32%
<b>Total revenues</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>101%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>Product Revenues by end market</b>																		
DRAM	25%	19%	19%	23%	16%	34%	34%	33%	15%	22%	5%	20%	12%	23%	22%	13%	21%	14%
NAND	33%	31%	51%	40%	25%	38%	28%	13%	40%	33%	43%	52%	67%	42%	43%	40%	52%	36%
<b>Total Memory</b>	<b>58%</b>	<b>51%</b>	<b>70%</b>	<b>63%</b>	<b>41%</b>	<b>72%</b>	<b>62%</b>	<b>46%</b>	<b>55%</b>	<b>55%</b>	<b>47%</b>	<b>72%</b>	<b>79%</b>	<b>65%</b>	<b>65%</b>	<b>53%</b>	<b>73%</b>	<b>50%</b>
<b>Total Logic</b>	<b>12%</b>	<b>8%</b>	<b>5%</b>	<b>14%</b>	<b>20%</b>	<b>2%</b>	<b>4%</b>	<b>16%</b>	<b>4%</b>	<b>7%</b>	<b>5%</b>	<b>3%</b>	<b>8%</b>	<b>7%</b>	<b>1%</b>	<b>7%</b>	<b>1%</b>	<b>13%</b>
<b>Total Foundry</b>	<b>20%</b>	<b>32%</b>	<b>18%</b>	<b>12%</b>	<b>32%</b>	<b>7%</b>	<b>27%</b>	<b>33%</b>	<b>29%</b>	<b>26%</b>	<b>41%</b>	<b>19%</b>	<b>10%</b>	<b>20%</b>	<b>25%</b>	<b>32%</b>	<b>21%</b>	<b>20%</b>
<b>Other Devices and Substrates</b>	<b>10%</b>	<b>9%</b>	<b>6%</b>	<b>12%</b>	<b>7%</b>	<b>19%</b>	<b>7%</b>	<b>5%</b>	<b>12%</b>	<b>12%</b>	<b>6%</b>	<b>6%</b>	<b>3%</b>	<b>8%</b>	<b>9%</b>	<b>8%</b>	<b>5%</b>	<b>16%</b>
<b>Total product revenues</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>99%</b>
<b>10% Customers</b>																		
Samsung	27%	13%	*	52%	16%	*	24%	30%	*	*	*	*	*	*	15%	22%	30%	32%
Intel	13%	*	18%	13%	18%	*	*	*	*	*	*	16%	24%	19%	14%	16%	*	14%
SK Hynix	12%	11%	15%	*	18%	27%	*	13%	10%	15%	*	17%	*	19%	19%	14%	23%	*
Micron	10%	16%	20%	*	*	25%	18%	*	32%	14%	10%	26%	36%	15%	*	*	*	19%
TSMC	*	19%	10%	*	11%	*	16%	22%	17%	17%	21%	10%	*	10%	16%	17%	*	*
Toshiba	*	10%	*	*	*	*	10%	*	*	13%	27%	12%	*	*	*	*	10%	*
Global Foundries	*	*	*	*	15%	*	*	*	*	*	*	*	*	*	*	*	*	*

\* Comprised less than 10% of revenues or otherwise not broken out separately

**NOTE: Beginning in Q1 2016, sales of upgrades are now included in Product Revenues, instead of Service Revenues. All prior periods presented herein have been revised to include upgrade sales in Product Revenue, and the cost of upgrade sales in Cost of Product Revenue.**

Percentages may not add up to 100%, as they are rounded to the nearest percent.