



Krishna Shankar
kshankar@jmpsecurities.com
415-835-8971

MEMC Electronic Materials, Inc. ⁽³⁾

Good Execution in Challenging Environment; Maintain Strong Buy Rating

STRONG BUY

WFR \$11.62

Price	\$11.62	FY: Dec		2004A	2005E	2006E
Target Price	\$17.00	Revenue (M)	1Q	\$228.8	\$257.9A	\$292.5
52-Wk Range	\$7.33 - \$14.95		2Q	\$255.5	\$268.2	\$301.3
Shares Out. (M)	224.0		3Q	\$275.3	\$281.6	\$313.3
Market Cap. (M)	\$2,602.9		4Q	\$268.4	\$298.5	\$329.0
Average Daily Vol. (000)	1,874		FY	\$1,028.0	\$1,106.1	\$1,236.1
Float (M)	188.0			2004A	2005E	2006E
Secular Growth Rate	15%	EPS	1Q	\$0.16	\$0.23A	\$0.27
ROAE	66.0%		2Q	\$0.20	\$0.25	\$0.29
			3Q	\$0.27	\$0.27	\$0.31
LT Debt (M)	\$113.3		4Q	\$0.26	\$0.30	\$0.33
LT Debt/Total Cap.	17.9%		FY	\$0.90	\$1.05	\$1.20
Book Value/Share	\$2.32		P/E	12.9x	11.1x	9.7x
Cash/Share	\$0.52		Previous FY	--	\$1.10	\$1.25
			CY	\$0.90	\$1.05	\$1.20
			P/E	12.9x	11.1x	9.7x

INVESTMENT HIGHLIGHTS

- Maintaining Strong Buy rating on MEMC Electronic Materials (WFR); trimming FY05 and FY06 estimates; lowering target price from \$18 to \$17.** MEMC reported 1Q05 revenues and proforma EPS of \$258 million and \$0.23, lower than our estimates of \$270 million and \$0.25 due to a combination of weaker-than-expected silicon wafer demand, delay in 300mm wafer production ramp at two customers that impacted approximately \$10 million in revenues, and a somewhat more aggressive pricing environment for mature 200mm wafers. The company offered moderate guidance for the June quarter with revenue growth of 2-5% and stabilizing margins, which is consistent with our prior estimate of 3% sequential growth. On a positive note, we believe that a pickup in industry wafer starts in second half 2005, shift to higher margin 300mm wafers, and tightening polysilicon raw material availability (MEMC's vertical integration is positive) will likely allow MEMC's revenue growth and earnings to pick up momentum in second half 2005 extending into 2006. We are trimming our FY05 revenue and EPS estimates from \$1.15 billion and \$1.10 to \$1.106 billion and \$1.05, assuming slightly lower gross margins. For FY06, using slightly lower gross margins, we are trimming our revenue and proforma EPS estimates from \$1.289 billion and \$1.25 to \$1.236 billion and \$1.20. We continue to view MEMC as a low-cost leader in a consolidating industry with global technology capabilities and rate the stock Strong Buy, given its compelling valuation at less than 10x our 2006 EPS estimate of \$1.20 relative to a secular earnings growth rate of 15% per year.
- Semiconductor industry capacity utilization stabilizing.** Due to the recent easing in leading-edge and mature semiconductor industry capacity utilization and the prospects for further easing from around 85% now to approximately 75-80% in the first half 2005, we believe downstream unit demand for silicon wafers will also likely drop from 23% growth in 2004 to 8-10% in 2005. This view is consistent with our overall chip industry forecast of 10% revenue growth in 2005 versus 25% in 2004. We believe WFR can still outperform the silicon wafer industry and grow revenues by 12% in 2005 and earnings by 22% through a combination of better pricing on specialty 200mm and 300mm wafers, market share gains, and operating efficiencies.

- **Wafer pricing could be stable due to richer mix despite more industry capacity.** Going forward, we believe continuing industry consolidation and rational capacity additions for silicon wafers will likely lead to stable pricing for WFR for both mature 200mm/150mm wafers and leading-edge 300mm wafers. The company continues to efficiently add 200mm and 300mm wafer capacity, improve operations, focus on customer and end-market diversification, and invest in longer-term, higher margin products such as bonded silicon-on-insulator wafers for leading-edge, sub-90nm process technology. As such, we believe the company is likely to continue to improve efficiencies in its operations and gain better operating leverage.
- **We believe wafer industry dynamics and semiconductor demand should lead to multiple expansion and superior stock performance for WFR.** We estimate semiconductor industry wafer materials production capacity utilization is now 80-90% for 200mm and 300mm silicon wafers. Our estimates are based on our belief in the continuation of moderate cyclical demand in the semiconductor industry, with expanding unit volumes growing 8-10% in 2005, tight semiconductor wafer materials production capacity utilization (~90%), and wafer industry consolidation. Longer-term, we believe that WFR can grow revenues at 8-12% per year and earnings at 15% per year. In addition, we believe WFR's highly-focused management team is likely to continue to execute on its strategy of focusing on balanced growth between mature 150mm/200mm silicon wafer products and leading-edge, specialty 200mm/300mm wafer technology, with cost-effective production strategies aimed at a blue-chip, global, customer base. WFR's integration of its Taisil joint venture in Taiwan could place the company in a position to accelerate market share gains in the high-growth Taiwan and mainland China wafer markets. While the company may not be viewed favorably by Wall Street, due to the commodity-like nature of the wafer business, we believe a combination of a cyclical silicon wafer upturn and WFR's lean operating structure will lead to gradual P/E multiple expansion and superior stock performance.

INVESTMENT RISKS

Risks to WFR's stock include exposure to the cyclical nature of semiconductor device manufacturers. Weakness in the PC, server, cell phone, industrial, and other end markets have caused slowdowns in wafer starts and wafer manufacturing in the past. The silicon wafer business tends to be competitive and silicon wafer pricing can be volatile, both of which cause uncertainty for wafer producers. WFR has significant exposure to overseas markets such as Europe and Asia and could therefore be exposed to broader global macro risks.

COMPANY DESCRIPTION

MEMC Electronic Materials Inc. is engaged in the production of wafers for the semiconductor industry. The company provides wafers in sizes ranging from 100 millimeters to 300 millimeters and in three categories: prime polished, a highly refined, pure wafer with an ultra-flat and ultra-clean surface; epitaxial, a thin, silicon layer grown on the polished surface of the wafer; and test/monitor, which is substantially the same as a prime polished wafer but with some less rigorous specifications. The company's wafers are used as a starting material for the manufacture of various types of semiconductor devices, including microprocessor, memory, logic, and power devices. In turn, these semiconductor devices are used in computers, cellular phones, and other mobile electronic devices, automobiles, and other products. Its principal customers are semiconductor device manufacturers, including memory, microprocessor, and ASIC manufacturers, as well as foundries.

FIGURE 1: WFR – Earnings Model (\$MM, except per share data)

April 28, 2005 kshankar	2004					2005E					2006E				
FYE: Dec. (\$MM, Except EPS)	1Q/Mar	2Q/Jun	3Q/Sep	4Q/Dec	Year	1Q/Mar A	2Q/Jun	3Q/Sep	4Q/Dec	Year	1Q/Mar	2Q/Jun	3Q/Sep	4Q/Dec	Year
Revenues	\$228.8	\$255.5	\$275.3	\$268.4	\$1,028.0	\$257.9	\$268.2	\$281.6	\$298.5	\$1,106.1	\$292.5	\$301.3	\$313.3	\$329.0	\$1,236.1
Cost of Goods Sold	155.4	168.4	164.5	170.2	658.5	164.6	170.3	177.4	186.5	698.8	182.8	186.8	192.7	200.7	763.0
Gross Margin	\$73.3	\$87.2	\$110.7	\$98.2	\$369.4	\$93.3	\$97.9	\$104.2	\$111.9	\$407.3	\$109.7	\$114.5	\$120.6	\$128.3	\$473.1
SG&A expenses	\$17.2	\$17.8	\$17.8	\$19.2	\$71.9	\$18.2	\$17.8	\$18.0	\$18.1	\$72.1	\$18.3	\$18.5	\$18.7	\$18.9	\$74.4
R&D expenses	8.9	9.3	9.4	10.4	38.0	11.4	11.2	11.4	11.6	45.6	11.9	12.1	12.3	12.6	48.9
Restructuring expenses				(1.0)											
Total Operating Expenses	26.1	27.1	27.2	28.5	108.9	29.6	29.0	29.4	29.8	117.6	30.2	30.6	31.0	31.5	123.3
Operating Income	\$47.2	\$60.0	\$83.6	\$69.6	\$260.5	\$63.7	\$68.9	\$74.8	\$82.2	\$289.6	\$79.5	\$83.9	\$89.6	\$96.8	\$349.8
Total Non-Operating Income/(E)	\$6.5	(\$9.1)	(\$0.4)	(\$59.0)	(\$62.0)	(\$1.3)	(\$1.0)	(\$1.0)	(\$1.0)	(\$4.3)	(\$1.1)	(\$1.1)	(\$1.1)	(\$1.1)	(\$4.3)
Pre-Tax Income	53.7	51.0	83.2	10.7	198.5	62.4	67.9	73.8	81.1	285.3	78.5	82.8	88.5	95.8	345.6
Income Taxes	13.4	(12.6)	20.8	(60.9)	(39.3)	(16.5)	10.2	11.1	12.2	16.9	14.9	15.7	16.8	18.2	65.7
Net Income before other items	40.3	63.6	62.4	71.6	237.8	78.9	57.7	62.7	69.0	268.3	63.5	67.1	71.7	77.6	279.9
Equity income/(loss) in joint ven	(1.7)	0.0	0.0	0.0	(1.7)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Minority interests	(2.7)	(3.0)	(2.7)	(2.4)	(10.7)	(1.8)	(1.8)	(1.8)	(1.8)	(7.2)	(1.8)	(1.8)	(1.8)	(1.8)	(7.2)
Net income after other items	35.9	60.6	59.7	69.2	225.4	77.2	55.9	60.9	67.2	261.2	61.7	65.3	69.9	75.8	272.7
Extraordinary items															
Net Income Available for Comr	35.9	60.6	59.7	69.2	225.4	77.2	55.9	60.9	67.2	261.2	61.7	65.3	69.9	75.8	272.7
Average Shares Outst.(primary	207.2	207.7	207.8	208.1	207.7	208.8	209.2	209.7	210.1	209.5	210.5	210.9	211.3	211.8	211.1
GAAP EPS (primary)	\$0.17	\$0.29	\$0.29	\$0.33	\$1.09	\$0.37	\$0.27	\$0.29	\$0.32	\$1.25	\$0.29	\$0.31	\$0.33	\$0.36	\$1.29
Average shares outst. (fully dilt	222.1	221.0	220.4	221.1	221.1	223.9	224.4	224.8	225.3	224.6	225.7	226.2	226.6	227.1	226.4
GAAP EPS (fully diluted)	\$0.16	\$0.27	\$0.27	\$0.31	\$1.02	\$0.34	\$0.25	\$0.27	\$0.30	\$1.16	\$0.27	\$0.29	\$0.31	\$0.33	\$1.20
Proforma EPS (fully diluted)	\$0.16	\$0.20	\$0.27	\$0.26	\$0.90	\$0.23	\$0.25	\$0.27	\$0.30	\$1.05	\$0.27	\$0.29	\$0.31	\$0.33	\$1.20
Margins (Pct. Rev)															
Gross Margins	32.1%	34.1%	40.2%	36.6%	35.9%	36.2%	36.5%	37.0%	37.5%	36.8%	37.5%	38.0%	38.5%	39.0%	38.3%
R&D	3.9	3.6	3.4	3.9	3.7	4.4	4.2	4.0	3.9	4.1	4.1	4.0	3.9	3.8	4.0
SG&A	7.5	7.0	6.5	7.1	7.0	7.0	6.6	6.4	6.1	6.5	6.3	6.1	6.0	5.7	6.0
Operating Margins	20.7	23.5	30.4	25.9	25.3	24.7	25.7	26.6	27.5	26.2	27.2	27.8	28.6	29.4	28.3
Other Income (Expenses)	2.8	-3.6	-0.1	-22.0	-6.0	-0.5	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.3	-0.3	-0.3
Pre-tax Margins	23.5	19.9	30.2	4.0	19.3	24.2	25.3	26.2	27.2	25.8	26.8	27.5	28.3	29.1	28.0
Tax Rate (Pct.)	25.0	-24.7	25.0	-571.9	-19.8	-26.4	15.0	15.0	15.0	5.9	19.0	19.0	19.0	19.0	19.0
Net Margin	17.6	24.9	22.7	26.7	23.1	30.6	21.5	22.3	23.1	24.3	21.7	22.3	22.9	23.6	22.6
Yr-to-Yr Pct. Change															
Revenues	21.5%	33.2%	40.5%	30.9%	31.6%	12.7%	4.9%	2.3%	11.2%	7.6%	13.4%	12.3%	11.3%	10.2%	11.8%
Gross Margins	35.3	56.7	89.2	52.4	58.7	27.2	12.3	(5.9)	14.0	10.2	17.6	17.0	15.8	14.6	16.2
Operating Income	44.4	78.2	128.9	75.4	82.6	34.9	14.8	(10.5)	18.0	11.2	24.8	21.7	19.8	17.9	20.8
Pre-Tax Income	83.2	47.5	70.9	(75.4)	27.4	16.2	33.2	(11.3)	661.2	43.7	25.6	21.9	20.0	18.1	21.1
Net Income	90.8	137.1	70.9	107.0	99.8	95.8	(9.2)	0.6	(3.7)	12.8	(19.5)	16.2	14.3	12.5	4.3
Fully Diluted EPS	72.5	59.6	72.3	70.3	68.0	45.1	24.6	0.0	13.4	17.6	16.6	15.8	13.8	11.9	14.4
Qtr-to-Qtr Pct. Change															
Revenues	11.6%	11.7%	7.7%	(2.5%)	--	(3.9%)	4.0%	5.0%	6.0%	--	(2.0%)	3.0%	4.0%	5.0%	--
Gross Margins	13.9	18.8	27.1	-11.4	--	-5.0	4.9	6.4	7.4	--	-2.0	4.4	5.4	6.4	--
Operating Income	19.0	27.1	39.2	-16.7	--	-8.5	8.2	8.6	9.8	--	-3.2	5.5	6.8	8.1	--
Pre-Tax Income	24.0	-5.1	63.1	-87.2	--	485.9	8.8	8.7	9.9	--	-3.3	5.6	6.9	8.2	--
Net Income	16.5	57.7	-1.9	14.8	--	10.2	-26.8	8.7	9.9	--	-7.8	5.6	6.9	8.2	--

Source: Company reports and JMP Securities.

FIGURE 2: WFR – Segment Model

April 28, 2005 kshankar															
FYE: Dec. (\$MM, Except EPS)															
	1Q/Mar	2Q/Jun	2004		2004E	2005E					2006E				
			3Q/Sep	4Q/Dec	Year	1Q/Mar A	2Q/Jun	3Q/Sep	4Q/Dec	Year	1Q/Mar	2Q/Jun	3Q/Sep	4Q/Dec	Year
Segment Model (Million \$)															
150mm/less wafers	\$64	\$66	\$69	\$67	\$266	\$62	\$62	\$65	\$66	\$254	\$61	\$63	\$63	\$66	\$253
200mm wafers	\$142	\$158	\$171	\$164	\$635	\$155	\$161	\$166	\$173	\$655	\$170	\$172	\$175	\$181	\$698
300mm wafers	\$23	\$31	\$36	\$38	\$127	\$41	\$46	\$51	\$60	\$197	\$61	\$66	\$75	\$82	\$285
Segment total	\$229	\$256	\$275	\$268	\$1,028	\$258	\$268	\$282	\$298	\$1,106	\$293	\$301	\$313	\$329	\$1,236
Topline model total	\$229	\$256	\$275	\$268	\$1,028	\$258	\$268	\$282	\$298	\$1,106	\$293	\$301	\$313	\$329	\$1,236
Segment Model(%)															
150mm/less wafers	28%	26%	25%	25%	26%	24%	23%	23%	22%	23%	21%	21%	20%	20%	20%
200mm wafers	62%	62%	62%	61%	62%	60%	60%	59%	58%	59%	58%	57%	56%	55%	56%
300mm wafers	10%	12%	13%	14%	12%	16%	17%	18%	20%	18%	21%	22%	24%	25%	23%
Segment total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
150mm/less wafers															
Total 150mm/less wafers Rev (\$64	\$66	\$69	\$67	\$266	\$62	\$62	\$65	\$66	\$254	\$61	\$63	\$63	\$66	\$253
Total 150mm/less wafers Units	2.56	2.66	2.75	2.68	10.66	2.81	2.80	2.94	2.98	11.54	3.07	3.16	3.13	3.29	12.66
Blended 150mm/less wafers A:	\$25	\$25	\$25	\$25	\$25	\$22	\$22	\$22	\$22	\$22	\$20	\$20	\$20	\$20	\$20
200mm wafers															
Total 200mm wafers Rev (\$Mlr	\$142	\$158	\$171	\$164	\$635	\$155	\$161	\$166	\$173	\$655	\$170	\$172	\$175	\$181	\$698
Total 200mm wafers Units (Mlr	2.84	3.17	3.41	3.27	12.69	3.44	3.58	3.69	3.85	14.55	4.24	4.29	4.39	4.52	17.44
Blended 200mm wafers ASP (\$	\$50	\$50	\$50	\$50	\$50	\$45	\$45	\$45	\$45	\$45	\$40	\$40	\$40	\$40	\$40
300mm wafers															
Total 300mm wafers Rev (\$Mlr	\$23	\$31	\$36	\$38	\$127	\$41	\$46	\$51	\$60	\$197	\$61	\$66	\$75	\$82	\$285
Total 300mm wafers Units (Mlr	0.08	0.12	0.15	0.17	0.52	0.19	0.23	0.27	0.33	1.02	0.36	0.41	0.50	0.63	1.91
Blended 300mm wafers ASP (\$	\$275	\$260	\$240	\$225	\$245	\$215	\$200	\$190	\$180	\$194	\$170	\$160	\$150	\$130	\$149
Product Type															
Polished/prime wafers	62%	62%	62%	62%	62%	55%	55%	55%	55%	55%	50%	50%	50%	50%	50%
Epitaxial wafers	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%
Test/monitor wafers	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
SOI wafers	1%	1%	1%	1%	1%	5%	5%	5%	5%	5%	8%	8%	8%	8%	8%
Strained Silicon wafers	2%	2%	2%	2%	2%	5%	5%	5%	5%	5%	7%	7%	7%	7%	7%
Compound Semi/SiC wafers	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Product Type															
Polished/prime wafers	\$142	\$158	\$171	\$166	\$637	\$142	\$147	\$155	\$164	\$608	\$146	\$151	\$157	\$164	\$618
Epitaxial wafers	\$69	\$77	\$83	\$81	\$308	\$77	\$80	\$84	\$90	\$332	\$88	\$90	\$94	\$99	\$371
Test/monitor wafers	\$11	\$13	\$14	\$13	\$51	\$13	\$13	\$14	\$15	\$55	\$15	\$15	\$16	\$16	\$62
SOI wafers	\$2	\$3	\$3	\$3	\$10	\$13	\$13	\$14	\$15	\$55	\$23	\$24	\$25	\$26	\$99
Strained Silicon wafers	\$5	\$5	\$6	\$5	\$21	\$13	\$13	\$14	\$15	\$55	\$20	\$21	\$22	\$23	\$87
Compound Semi/SiC wafers	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Segment Total	\$229	\$256	\$275	\$268	\$1,028	\$258	\$268	\$282	\$298	\$1,106	\$293	\$301	\$313	\$329	\$1,236
Topline Total	\$229	\$256	\$275	\$268	\$1,028	\$258	\$268	\$282	\$298	\$1,106	\$293	\$301	\$313	\$329	\$1,236

Source: Company reports and JMP Securities.

FIGURE 3: WFR – Balance Sheet (\$MM, except per share data)

April 28, 2005 kshankar FYE: Dec. (\$MM, Except EPS)	2001 3Q/Sep	2001 4Q/Dec	2002 1Q/Mar	2002 2Q/Jun	2002 3Q/Sep	2002 4Q/Dec	2003 1Q/Mar	2003 2Q/Jun	2003 3Q/Sep	2003 4Q/Dec	2004 1Q/Mar	2004 2Q/Jun	2004 3Q/Sep	2004 4Q/Dec
Assets														
Cash & Short-term Investments	\$125.8	\$107.2	\$82.1	\$111.1	\$137.3	\$165.6	\$160.8	\$127.6	\$125.8	\$130.7	\$140.6	\$129.5	\$103.3	\$92.3
Accounts Receivable, Net	81.9	67.4	74.0	97.0	99.9	95.0	88.0	98.1	107.4	103.0	119.2	138.9	151.9	140.7
Inventories	117.0	69.9	62.2	77.0	81.5	85.1	90.6	96.2	98.0	109.5	123.0	112.6	119.8	127.6
Prepaid Exp. & Other Current Assets	23.8	19.5	18.0	18.3	20.8	17.9	19.1	18.5	25.8	22.1	31.5	16.4	20.1	29.7
Deferred Income Taxes	1.1													
Total Current Assets	\$349.5	\$264.0	\$236.4	\$303.5	\$339.6	\$363.7	\$358.5	\$340.4	\$356.9	\$365.3	\$414.5	\$397.4	\$395.1	\$390.3
Property, Plant, Equipment, Net	\$984.5	\$200.7	\$185.9	\$187.8	\$181.9	\$184.9	\$191.5	\$203.3	\$253.5	\$270.4	\$361.6	\$392.7	\$387.3	\$444.7
Investments in Joint Ventures	52.0	15.6	15.3	16.2	17.6	16.8	17.9	19.5	22.2	24.2	0.0	0.0	0.0	0.0
Goodwill, Net	35.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8				
Deferred Tax Asset, Net	0.0	30.1	29.8	29.9	29.0	33.7	32.1	26.1	18.5	15.2	22.4	45.6	43.6	119.8
Other Non-Current Assets	55.4	35.2	35.3	33.1	30.1	28.9	30.8	33.9	38.5	42.9	53.7	61.2	55.4	55.1
Total Assets	\$1,477.3	\$549.3	\$506.4	\$574.2	\$601.9	\$631.7	\$634.7	\$627.1	\$693.4	\$721.7	\$852.1	\$896.8	\$881.3	\$1,009.9
Liabilities														
Current L-T Debt, S-T Borrowing	\$552.0	\$75.9	\$70.7	\$89.2	\$106.7	\$123.6	\$100.3	\$53.4	\$80.6	\$71.8	\$86.9	\$57.5	\$21.9	\$24.4
Accounts Payable	73.9	52.1	44.1	57.6	60.9	68.0	63.9	69.4	82.6	95.2	91.9	101.2	99.0	124.1
Accrued Liabilities	29.5	50.3	45.6	54.7	51.3	34.0	30.9	31.1	28.8	34.0	39.2	43.1	32.4	37.7
Customer Deposits	19.0	19.4	17.6	17.3	16.1	15.1	14.8	14.5	14.6	15.7	11.5	8.1	5.0	0.0
Other Accrued Liabilities	30.7	24.1	24.6	26.1	42.3	45.4	46.1	38.1	36.3	27.4	24.3	26.8	31.2	29.4
Total Current Liabilities	\$705.1	\$221.7	\$202.6	\$244.8	\$277.3	\$286.1	\$255.9	\$206.4	\$242.8	\$244.1	\$253.8	\$236.6	\$189.5	\$215.6
Longterm Debt	\$595.5	\$144.7	\$132.6	\$145.0	\$173.3	\$161.0	\$170.4	\$87.4	\$60.0	\$59.3	\$127.6	\$125.1	\$120.5	\$116.1
Pension and Similar liabilities	97.8	100.8	101.0	102.2	103.1	104.9	106.3	107.6	109.4	126.4	130.0	127.5	112.4	116.4
Customer Deposits	32.0	25.4	25.1	23.3	22.2	19.6	16.8	14.8	9.7	3.6	3.0	3.1	3.2	0.0
Other Liabilities	58.8	25.9	22.2	26.7	27.5	26.8	27.8	29.8	32.3	30.7	41.6	43.8	57.6	72.4
Total Liabilities	\$1,489.3	\$518.5	\$483.5	\$542.0	\$603.4	\$598.4	\$577.1	\$446.0	\$454.3	\$464.0	\$555.9	\$536.1	\$483.2	\$520.6
Minority Interests	\$63.2	\$51.1	\$51.4	\$50.7	\$53.7	\$58.0	\$60.4	\$59.1	\$62.0	\$64.1	\$66.8	\$65.0	\$44.0	\$46.5
Redeemable Preferred Stock		4.2	12.2	20.3	0.0									
Common stock	0.7	0.7	0.7	0.7	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1
Additional Paid-In Capital	771.7	8.1	1.1	9.4	29.3	27.0	27.5	123.6	150.6	150.1	151.7	151.6	152.5	154.7
Accumulated Deficit/Other	(830.5)	(28.6)	(37.7)	(44.2)	(81.6)	(48.9)	(27.7)	1.0	28.8	45.9	79.8	145.6	203.1	308.4
Treasury Stock	(17.0)	(4.7)	(4.7)	(4.7)	(4.7)	(4.7)	(4.7)	(4.7)	(4.4)	(4.4)	(4.2)	(3.6)	(3.6)	(22.3)
Total Stockholders Equity	(\$75.1)	(\$24.5)	(\$40.6)	(\$38.8)	(\$55.1)	(\$24.7)	(\$2.9)	\$121.9	\$177.0	\$193.6	\$229.3	\$295.7	\$354.1	\$442.9
Total Liab. & Stockholders Equity	\$1,477.3	\$549.3	\$506.4	\$574.2	\$601.9	\$631.7	\$634.7	\$627.1	\$693.4	\$721.7	\$852.1	\$896.8	\$881.3	\$1,009.9
Key Financial Ratios														
Tangible Book Value/Share, (\$)	(\$1.59)	(\$0.41)	(\$0.64)	(\$0.21)	(\$0.32)	(\$0.14)	(\$0.03)	\$0.54	\$0.77	\$0.85	\$1.03	\$1.34	\$1.61	\$2.00
Cash/Share, (\$)	\$1.81	\$1.54	\$1.18	\$0.54	\$0.75	\$0.84	\$0.76	\$0.59	\$0.56	\$0.59	\$0.63	\$0.59	\$0.47	\$0.42
Working Capital/share, (\$)	(\$5.11)	\$0.61	\$0.49	\$0.29	\$0.34	\$0.39	\$0.49	\$0.62	\$0.51	\$0.54	\$0.72	\$0.73	\$0.93	\$0.79
Total Assets/share, (\$)	\$21.22	\$7.89	\$7.27	\$2.79	\$3.29	\$3.21	\$3.01	\$2.88	\$3.10	\$3.24	\$3.84	\$4.06	\$4.00	\$4.57
Current Ratio	0.50	1.19	1.17	1.24	1.22	1.27	1.40	1.65	1.47	1.50	1.63	1.68	2.08	1.81
Quick Ratio	0.29	0.79	0.77	0.85	0.86	0.91	0.97	1.09	0.96	0.96	1.02	1.13	1.35	1.08
LTDebt/Total Capitalization	114.44%	120.37%	144.10%	136.56%	146.67%	118.10%	101.74%	41.76%	25.32%	23.43%	35.75%	29.73%	25.39%	20.77%
Return-on-sales (ROS), Qtr	(55.86%)	(68.38%)	(13.26%)	3.43%	(24.01%)	19.21%	10.48%	14.22%	17.97%	16.78%	15.70%	23.71%	21.69%	25.77%
Return-on-sales(ROS), TTM	(58.27%)	(84.59%)	(97.86%)	(29.33%)	(22.55%)	(3.22%)	2.13%	4.90%	15.48%	14.93%	16.16%	18.76%	19.76%	21.93%
Return-on-equity (ROE), Qtr*4	359.03%	1344.51%	178.69%	(61.59%)	331.40%	(579.17%)	(2708.75%)	89.51%	79.53%	71.07%	62.62%	81.97%	67.47%	62.46%
Return-on-equity (ROAE), TTM	(279.08%)	(879.49%)	1405.44%	361.79%	352.56%	55.51%	(51.88%)	378.63%	173.88%	95.27%	73.58%	74.18%	71.08%	68.19%
Return-on-assets (ROA), Qtr*4	(18.26%)	(59.95%)	(14.31%)	4.16%	(30.36%)	22.63%	12.44%	17.40%	20.31%	19.07%	16.86%	27.03%	27.10%	27.39%
Return-on-assets (ROA), TTM	(26.14%)	(38.92%)	(51.84%)	(20.84%)	(25.12%)	(3.82%)	2.58%	5.94%	18.24%	17.43%	18.35%	21.00%	22.75%	24.77%
Asset Turnover, Qtr*4	0.33	0.88	1.08	1.21	1.26	1.18	1.19	1.22	1.13	1.14	1.07	1.14	1.25	1.06
Average asset turnover, TTM	0.45	0.46	0.53	0.71	1.11	1.19	1.21	1.21	1.18	1.17	1.14	1.12	1.15	1.13
Accts. Rec. Days Sales Outst. (Qtr)	61	50	49	50	47	46	42	46	49	45	47	49	50	47
Accts. Rec. Days Sales Outst. (TTM)	55	56	57	53	50	49	47	46	47	46	48	48	49	49
Inventory turns (Qtr)	5.32	8.47	7.39	6.72	6.75	6.20	5.92	5.66	5.61	5.14	5.05	5.98	5.49	5.34
Average inventory turns (TTM)	5.69	5.98	6.29	6.72	7.29	6.72	6.38	6.11	5.84	5.56	5.34	5.43	5.41	5.45
Inventory days Outstanding (Qtr)	68	42	49	54	53	58	61	64	64	70	71	60	66	67
Inventory days outstanding (TTM)	64	61	58	54	50	54	57	60	63	66	68	67	67	67
Revenue/employee, (Qtr*4), \$	\$73,178	\$102,483	\$116,299	\$148,316	\$161,927	\$161,734	\$163,778	\$166,808	\$170,345	\$178,286	\$198,922	\$222,208	\$239,377	\$233,370
Average Revenue/employee (TTM), \$	\$114,040	\$100,874	\$94,632	\$106,683	\$132,256	\$146,990	\$158,898	\$163,553	\$165,666	\$169,804	\$178,590	\$192,440	\$209,698	\$223,469
Qtr Revenue, (\$MM)	120.7	120.4	136.7	174.3	190.3	186.0	188.3	191.8	195.9	205.0	228.8	255.5	275.3	268.4
Qtr COGS, (\$MM)	155.5	148.2	115.0	129.4	137.4	131.9	134.1	136.2	137.4	140.6	155.4	168.4	164.5	170.2
Qtr Net Income, (\$MM)	(67.4)	(82.3)	(18.1)	6.0	(45.7)	35.7	19.7	27.3	35.2	34.4	35.9	60.6	59.7	69.2
Fully Diluted Shares Outstanding (Millions)	69.6	69.6	69.7	205.9	182.7	196.9	210.7	217.7	223.8	223.0	222.1	221.0	220.4	221.1
# Of Employees (Actual)	6,600	4,700	4,700	4,700	4,700	4,600	4,600	4,600	4,600	4,600	4,600	4,600	4,600	4,600
Qtr Capital Expenditures (\$MM)	11.70	11.01	2.67	4.48	5.18	9.63	8.76	28.26	25.21	23.00	26.09	46.40	25.55	51.74
Qtr Capital Expenditures/Revenue	9.69%	9.14%	1.95%	2.57%	2.72%	5.18%	4.65%	14.73%	12.87%	11.22%	11.40%	18.16%	9.28%	19.28%
Qtr Depreciation (\$MM)	46.59	27.55	9.04	7.67	8.44	9.01	15.81	1.28	6.18	7.78	9.92	10.24	11.44	12.53
Qtr Depreciation/Revenue	38.59%	22.88%	6.61%	4.40%	4.44%	4.84%	8.40%	0.67%	3.16%	3.79%	4.34%	4.01%	4.16%	4.67%

Source: Company reports and JMP Securities.

JMP FACTS AND DISCLOSURES

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MEMC Electronic Materials, Inc. (3), WFR, \$11.62, Strong Buy.

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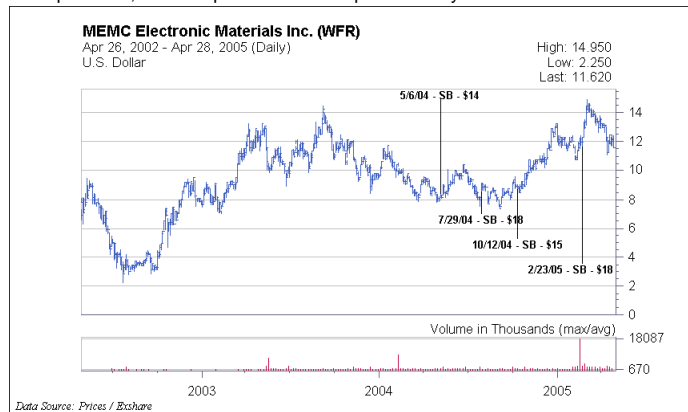
Sell (S): JMP Securities views the stock as a source of funds

JMP Securities Research Ratings and Investment Banking Services: (as of April 1, 2005)

JMP Rating	Regulatory Equivalent	2 or 3 Disclosure Coverage	# Co's Under Coverage	% of Total	Regulatory Rating	# Co's Under Coverage	% of Total	# Co's Receiving IB Services in Past 12 Months
Strong Buy	Buy	13	40	19%				
Market Outperform	Buy	17	100	48%	Buy	140	68%	30
Market Perform	Hold	3	58	28%	Hold	58	28%	3
Market Underperform	Sell	0	8	4%	Sell	9	4%	0
Sell	Sell	0	1	0%				
TOTAL:			207	100%		207	100%	33

Stock Price Chart of Rating and Target Price Changes:

Note: First annotation denotes initiation of coverage or 3 years, whichever is shorter. If no target price is listed, then the target price is N/A. If the latest date is different than the report date, then the price is as of the previous day's close. The action reflected in this note is not annotated in the stock price chart. Source: FactSet and JMP Securities.



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600 Montgomery Street, Suite 1100, San Francisco, CA 94111-2713, www.jmpsecurities.com

Jim J. Fowler
Co-Director of Equity Research
(415) 835-8941

James F. Wilson, CFA
Co-Director of Equity Research
(415) 835-8975

Business ServicesFinancial Processing and Outsourcing

David M. Scharf (415) 835-8942

Human Capital Services

James F. Wilson, CFA (415) 835-8975

Cynthia A. Rubin, CFA (415) 835-3939

Property Services

William C. Marks (415) 835-8944

ConsumerBranded Consumer

Kristine Koerber (415) 835-8962

Hotels & Resorts

William C. Marks (415) 835-8944

Clinton I. Yara (415) 835-8993

Housing

James F. Wilson, CFA (415) 835-8975

Alex Barron (415) 835-8955

Real Estate

William C. Marks (415) 835-8944

Restaurants

Dean T. Haskell (415) 835-8968

Specialty Retail

Kristine Koerber (415) 835-8962

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John Hecht (415) 835-3912

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Jim J. Fowler (415) 835-8941

Specialty Finance

Donald D. Destino (415) 835-8992

Susan Gutierrez (415) 835-3909

HealthcareBiotechnology

Charles C. Duncan, PhD (415) 835-8991

Anthony Ostrea, CFA (212) 521-8492

Adam Cutler (212) 521-8487

Medical Devices

Robert C. Faulkner (212) 521-8491

TechnologyCommunications Equipment

Samuel Wilson (415) 835-8967

Enterprise/Application Software

Patrick Walravens (415) 835-8943

Denny C. Fish, Jr. (415) 835-3934

Industrial Technology

Jason Simon, CFA (415) 835-8934

Infrastructure Software

Amy S. Feng (415) 835-8990

Ingrid Ebeling (415) 835-8904

Interactive Software

Ingrid Ebeling (415) 835-8904

Internet

William S. Morrison (415) 835-8979

IT Supply Chain

John Coyle (415) 835-8916

Semiconductors

Krishna Shankar (415) 835-8971

Technology

Kevane A. Wong (415) 835-8976

For Additional Information

Mark Lehmann
 Director of Equities
 (415) 835-3908

Sally R. Allen
 Vice President, Publishing
 (415) 835-8949