

SEMICONDUCTOR UNIVERSE

Closing Prices as of 12/31/2008

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Avg price chng %: 5.5%

Average P/E: 8.32

Average P/S: 1.66

Average P/B: 1.60

Positive: 78.0%

Negative: 17.8%

No chng: 4.2%

100.0%

Indices	Close	Change	%	52-week		Days Range		Week	MTD	QTD	YTD
				Low	High	Low	High				
SOXX	212.17	0.91	0.4%	167.55	429.45	209.57	214.38	5.0%	7.0%	-30.9%	-48.0%
SMH	17.61	0.10	0.6%	14.45	34.03	17.46	17.92	5.4%	3.9%	-28.7%	-45.7%
NASDAQ	1,577.03	26.33	1.7%	1,295.48	2,661.50	1548.88	1586.81	3.1%	2.7%	-24.3%	-40.5%
SP500	903.25	12.61	1.4%	741.02	1,471.77	889.67	910.32	3.5%	0.8%	-22.6%	-38.5%
DJIA	8,776.39	108.00	1.2%	7,392.27	13,338.20	8664.89	8842.66	3.1%	-0.6%	-19.1%	-33.8%

* = SOX

	Close	Chng	%	52-week				Week	MTD	QTD	YTD	Volume			% Change MACD		Diluted Shs (mil)	Cap (\$mil)	Trailing 12-Month		
				Low	High	Low %	High %					Day	Average	%	50-day	200-day			P/E	P/S	P/B
AATI	3.02	0.29	10.6%	1.83	11.36	65.03%	-73.42%	0.7%	20.3%	-35.1%	-73.2%	264,849	323,478	-18.1%	19.73%	-20.65%	47.2	143	27.5	1.4	0.9
ACTL	11.72	-0.22	-1.8%	6.75	18.79	73.63%	-37.63%	-1.2%	26.6%	-6.1%	-14.2%	136,512	175,453	-22.2%	17.98%	-8.56%	25.7	301	27.3	1.4	1.1
ACTS	1.61	-0.09	-5.3%	1.35	4.40	19.26%	-63.41%	0.0%	6.6%	-34.6%	-60.5%	232,973	281,112	-17.1%	2.59%	-36.57%	83.6	135	3.0	1.2	0.5
ADI	19.02	0.18	1.0%	15.29	36.35	24.40%	-47.68%	4.9%	11.2%	-27.8%	-40.0%	2,585,169	6,090,230	-57.6%	4.69%	-24.69%	293.8	5,588	10.7	2.2	2.3
ADPT	3.30	-0.04	-1.2%	2.34	4.24	41.03%	-22.17%	-6.5%	17.4%	0.6%	-2.4%	949,361	697,328	36.1%	5.45%	-1.49%	134.6	444	22.0	3.2	1.0
* ALTR	16.71	-0.04	-0.2%	12.99	24.19	28.64%	-30.92%	6.6%	13.6%	-19.2%	-13.5%	7,683,667	10,181,100	-24.5%	10.50%	-12.32%	306.5	5,122	15.2	3.7	5.9
AMCC	3.93	0.10	2.6%	3.01	9.92	30.56%	-60.38%	5.1%	6.2%	-34.3%	-55.0%	731,508	842,912	-13.2%	2.15%	-37.69%	65.4	257	9.4	0.9	0.4
* AMD	2.16	-0.05	-2.3%	1.62	8.08	33.33%	-73.27%	-0.9%	-8.5%	-58.9%	-71.2%	10,221,607	20,512,500	-50.2%	-2.95%	-49.92%	608.0	1,313	-1.3	0.2	0.9
ANAD	1.48	0.12	8.8%	1.13	13.95	30.97%	-89.39%	9.6%	19.4%	-47.3%	-87.2%	620,215	755,300	-17.9%	11.66%	-63.53%	60.5	90	3.2	0.3	0.3
ARMH	3.85	0.02	0.5%	3.35	7.58	14.93%	-49.21%	-1.5%	-13.5%	-26.0%	-48.0%	246,255	570,164	-56.8%	-4.19%	-24.47%	428.4	1,649	14.1	3.1	1.7
ATHR	14.31	0.26	1.9%	11.26	34.75	27.09%	-58.82%	6.6%	-2.0%	-39.3%	-53.1%	1,303,439	1,880,740	-30.7%	4.02%	-39.41%	62.6	896	10.8	1.8	1.9
ATML	3.13	0.12	4.0%	2.50	4.69	25.20%	-33.26%	7.9%	11.8%	-7.7%	-27.5%	2,510,152	5,460,590	-54.0%	-2.90%	-14.59%	447.0	1,399	15.7	0.8	1.7
AUTH	1.67	0.19	12.8%	1.28	14.55	30.47%	-88.52%	21.0%	4.4%	-22.3%	-88.5%	358,894	220,792	62.5%	6.35%	-67.02%	30.3	51	11.1	0.7	0.7
* BRCM	16.97	-0.18	-1.0%	12.98	29.91	30.74%	-43.26%	3.4%	10.8%	-8.9%	-35.1%	5,696,704	14,204,500	-59.9%	6.44%	-18.51%	523.8	8,889	16.3	1.9	2.2
CAMD	1.86	0.1800	10.7%	1.42	4.69	30.99%	-60.34%	5.1%	6.9%	-37.8%	-59.9%	358,848	61,108	487.2%	10.19%	-28.58%	23.4	44	37.2	0.7	0.7
CAVM	10.51	0.36	3.5%	8.18	26.58	28.48%	-60.46%	5.1%	-3.1%	-25.4%	-54.3%	1,165,818	754,577	54.5%	4.57%	-28.64%	43.5	457	30.9	5.7	3.6
GEVA	7.00	0.98	16.3%	5.34	12.21	31.09%	-42.67%	13.6%	-5.3%	-15.7%	-42.7%	78,826	102,950	-23.4%	3.08%	-13.64%	21.0	147	25.9	3.8	1.2
CHRT	1.21	0.00	0.0%	1.05	7.05	15.24%	-82.84%	3.4%	-1.6%	-54.7%	-81.9%	3,650	21,683	-83.2%	-4.10%	-59.70%	254.2	308	24.2	0.2	0.2
CNXT	0.69	0.04	6.2%	0.64	8.40	7.03%	-91.85%	3.0%	-32.4%	-82.8%	-91.7%	569,730	576,942	-1.3%	-30.12%	-80.37%	50.0	35	0.8	0.1	-0.3
CRUS	2.68	0.19	7.6%	2.28	7.63	17.54%	-64.88%	9.4%	-36.5%	-50.8%	-49.2%	447,550	783,214	-42.9%	-20.93%	-45.62%	65.3	175	7.9	0.9	1.0
CY	4.47	0.41	10.1%	2.54	36.50	75.98%	-87.75%	11.8%	19.8%	-14.4%	-47.6%	2,606,754	4,477,110	-41.8%	14.18%	-72.78%	164.4	735	4.8	0.4	0.5
DIOD	6.06	0.39	6.9%	2.95	31.26	105.42%	-80.61%	5.6%	29.8%	-67.2%	-79.8%	588,867	790,450	-25.5%	18.90%	-64.28%	43.4	263	4.3	0.6	0.7
DSPG	8.02	0.01	0.1%	4.64	14.16	72.84%	-43.36%	2.6%	40.2%	4.8%	-34.3%	208,343	186,519	11.7%	28.67%	16.38%	27.7	222	12.3	0.7	0.6
ENTN	0.29	0.02	7.4%	0.15	2.02	93.33%	-85.64%	7.4%	11.5%	-53.2%	-85.2%	69,475	14,814	369.0%	1.60%	-49.47%	46.9	14	-1.1	0.3	0.3
ENTR	0.50	0.07	16.3%	0.41	7.67	21.95%	-93.48%	-13.8%	-50.0%	-64.5%	-93.1%	316,181	100,503	214.6%	-37.23%	-75.04%	67.7	34	5.6	0.2	0.2
EXAR	6.67	-0.01	-0.1%	4.93	9.20	35.29%	-27.50%	8.3%	-1.0%	-12.9%	-16.3%	299,103	354,045	-15.5%	3.38%	-5.64%	42.9	286	-222.3	2.4	0.8
EZCH	15.82	1.11	7.5%	5.63	18.79	180.99%	-15.81%	14.5%	39.4%	32.5%	-13.6%	505,957	190,473	165.6%	41.01%	21.69%	23.5	372	87.9	12.5	2.5
FCS	4.89	0.19	4.0%	2.73	15.29	79.12%	-68.02%	6.1%	22.6%	-45.0%	-66.1%	1,394,666	1,457,670	-4.3%	18.66%	-44.30%	125.0	611	5.1	0.4	0.5
GSIT	2.74	-0.09	-3.2%	2.20	4.44	24.55%	-38.29%	-2.1%	-13.0%	-23.9%	7.5%	111,650	60,259	85.3%	-9.52%	-20.93%	28.8	79	7.0	1.2	0.9
HIFN	2.36	0.12	5.4%	1.89	6.58	24.87%	-64.13%	8.8%	-0.4%	-26.7%	-58.7%	16,007	40,597	-60.6%	4.62%	-30.10%	14.6	34	-9.1	0.9	0.7
HIMX	1.61	0.16	11.0%	1.00	6.29	61.00%	-74.40%	8.8%	14.2%	-44.3%	-62.3%	223,000	401,330	-44.4%	10.99%	-46.76%	191.6	308	2.0	0.3	0.6
HITT	29.46	0.01	0.0%	23.77	49.27	23.94%	-40.21%	-2.8%	0.8%	-12.3%	-38.3%	431,145	366,464	17.7%	2.63%	-7.71%	30.9	910	17.1	5.2	3.8
IDCC	27.50	0.47	1.7%	16.20	28.98	69.75%	-5.11%	6.9%	3.7%	14.3%	17.9%	708,604	750,086	-5.5%	14.40%	18.20%	45.8	1,260	50.9	5.6	14.0
IDTI	5.61	0.03	0.5%	4.17	12.70	34.53%	-55.83%	6.3%	8.5%	-27.9%	-50.4%	1,282,499	2,703,500	-52.6%	6.48%	-30.37%	169.8	953	5.7	1.2	0.6
* IFX	1.40	0.0200	1.4%	0.85	12.09	64.71%	-88.42%	28.4%	-40.4%	-75.0%	-88.0%	1,021,280	2,947,180	-65.3%	-19.31%	-75.41%	750.0	1,050	-3.1	0.2	0.4
IKAN	1.26	0.15	13.5%	0.87	5.46	44.83%	-76.92%	16.7%	9.6%	-36.4%	-76.6%	102,814	92,197	11.5%	10.89%	-37.90%	28.6	36	-63.0	0.3	0.4
INFN	8.96	0.28	3.2%	5.81	16.11	54.22%	-44.38%	4.8%	-8.2%	-6.3%	-39.6%	713,099	737,445	-3.3%	6.22%	-0.97%	97.2	871	21.9	2.4	2.2
* INTC	14.66	-0.03	-0.2%	12.06	26.34	21.56%	-44.34%	3.4%	6.2%	-21.7%	-45.0%	34,060,290	82,121,800	-58.5%	5.88%	-20.67%	5,692.0	83,445	11.4	2.1	2.1
IRF	13.50	0.54	4.2%	9.27	34.19	45.63%	-60.51%	2.4%	15.5%	-29.0%	-60.3%	618,429	911,959	-32.2%	15.90%	-19.24%	72.8	983	-12.6	1.0	0.7
ISIL	9.19	0.12	1.3%	7.18	29.84	27.99%	-69.20%	3.8%	1.4%	-44.6%	-62.5%	1,675,123	2,895,890	-42.2%	-0.68%	-47.59%	125.3	1,152	5.7	1.4	0.5
ISSI	1.63	0.14	9.4%	1.36	6.94	19.85%	-76.51%	15.6%	-11.4%	-29.4%	-75.4%	88,222	128,384	-31.3%	3.11%	-49.83%	26.8	44	6.8	0.2	0.3
ITLN	2.51	0.18	7.7%	1.78	7.75	41.01%	-67.61%	-7.0%	12.1%	-31.4%	-66.7%	36,102	36,592	-1.3%	4.87%	-23.26%	31.2	78	-35.9	1.1	1.1
IXYS	8.26	0.45	5.8%	4.58	13.84	80.35%	-40.32%	9.1%	13.5%	-9.1%	3.0%	155,810	158,050	-1.4%	17.36%	-15.35%	32.9	272	14.0	0.9	1.3
LDIS	0.33	0.05	17.9%	0.27	2.97	22.22%	-88.89%	10.0%	-32.7%	-56.0%	-88.5%	117,737	58,752	100.4%	-25.00%	-62.85%	29.4	10	-0.3	0.4	0.2
* LLTC	22.12	-0.18	-0.8%	17.69	37.77	25.04%	-41.44%	2.6%	10.9%	-27.9%	-30.5%	3,812,964	6,921,120	-44.9%	5.16%	-19.55%	224.1	4,957	11.1	4.1	-13.1
LOGC	0.69	0.09	15.0%	0.53	2.50	30.19%	-72.40%	21.1%	-10.4%	-30.3%	-45.7%	6,743	2,373	184.1%	-2.19%	-26.75%	6.8	5			

SEMICONDUCTOR UNIVERSE

Closing Prices as of 12/31/2008

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Avg price chng %: 5.5%

Average P/E: 8.32

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Positive: 78.0%

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				Low	High	Low %	High %					Day	Average	%	50-day	200-day			P/E	P/S	P/B
* LSCC	1.51	0.06	4.1%	1.04	4.00	45.19%	-62.25%	-2.6%	-0.7%	-26.7%	-53.5%	2,130,581	864,603	146.4%	5.34%	-30.91%	116.9	177	151.0	0.8	0.7
LSI	3.29	-0.11	-3.2%	2.36	7.87	39.41%	-58.20%	4.1%	22.8%	-38.6%	-38.0%	5,648,647	8,909,290	-36.6%	6.46%	-36.62%	673.5	2,216	6.6	0.8	0.9
MCHP	19.53	0.30	1.6%	16.28	38.37	19.96%	-49.10%	6.3%	5.6%	-33.6%	-37.8%	1,768,861	4,243,740	-58.3%	2.53%	-26.76%	187.9	3,670	11.5	3.5	3.7
MCRL	7.31	0.12	1.7%	4.79	10.77	52.61%	-32.13%	0.8%	-1.2%	-19.4%	-13.5%	296,440	532,844	-44.4%	5.70%	-11.10%	70.6	516	14.1	1.9	2.3
MEMS	1.65	0.09	5.8%	1.28	10.40	28.91%	-84.13%	1.9%	-13.2%	-24.7%	-83.7%	37,457	53,320	-29.8%	-2.60%	-27.60%	23.9	39	13.8	1.8	0.4
MIPS	1.11	0.06	5.7%	1.00	5.08	11.00%	-78.15%	0.0%	-17.8%	-68.4%	-77.6%	364,521	321,117	13.5%	-16.13%	-61.69%	45.0	50	27.8	0.5	1.4
MLNX	7.86	-0.29	-3.6%	6.02	19.95	30.56%	-60.60%	-4.5%	5.6%	-23.9%	-56.9%	196,810	193,409	1.8%	3.43%	-24.39%	34.7	273	7.3	2.5	1.4
MOSY	2.10	0.21	11.1%	1.65	6.36	27.27%	-66.98%	13.5%	-12.1%	-50.6%	-56.7%	911,093	49,328	1747.0%	-3.53%	-43.39%	31.8	67	-6.0	5.1	0.8
MPWR	12.61	0.62	5.2%	6.96	29.07	81.18%	-56.62%	6.6%	31.8%	-27.4%	-41.3%	490,918	673,820	-27.1%	19.99%	-30.33%	36.6	462	12.6	2.8	2.9
* MRVL	6.67	0.03	0.5%	4.48	18.31	48.88%	-63.57%	3.4%	15.0%	-28.3%	-52.3%	6,969,485	13,408,000	-48.0%	9.93%	-38.96%	632.6	4,219	7.3	1.3	1.1
MSSC	12.64	0.56	4.6%	10.34	28.50	22.24%	-55.65%	8.2%	-35.1%	-50.4%	-42.9%	1,351,816	1,588,910	-14.9%	-18.10%	-43.27%	81.8	1,034	9.5	2.0	1.5
MSPD	0.85	0.06	7.6%	0.56	6.20	51.79%	-86.29%	2.4%	-8.6%	-64.3%	-86.1%	98,724	154,175	-36.0%	-5.97%	-66.69%	23.2	20	5.3	0.1	0.7
MTLK	0.10	-0.0070	-6.5%	0.10	4.84	-5.00%	-98.04%	-33.3%	-44.4%	-82.5%	-97.8%	47,861	30,094	59.0%	-44.86%	-84.05%	23.5	2	-0.1	0.4	0.2
* MU	2.64	0.20	8.2%	1.59	8.97	66.04%	-70.57%	1.9%	-3.6%	-34.8%	-63.6%	11,977,184	23,892,800	-49.9%	10.12%	-38.62%	773.3	2,042	-1.5	0.4	0.4
* MXIM	11.42	0.00	0.0%	10.72	26.83	6.53%	-57.44%	1.2%	-7.7%	-36.9%	-56.9%	2,193,959	3,101,920	-29.3%	-5.60%	-32.01%	323.8	3,698	12.3	1.8	1.2
NETL	22.01	0.60	2.8%	14.42	40.26	52.64%	-45.33%	6.2%	18.1%	-27.2%	-31.6%	219,551	799,917	-72.6%	17.99%	-19.91%	23.5	517	14.4	3.7	2.6
NLST	0.29	0.0122	4.4%	0.24	2.22	21.79%	-86.83%	0.0%	-14.7%	-73.6%	-86.9%	89,813	25,173	256.8%	-8.74%	-74.79%	19.9	6	-0.6	0.1	0.2
* NSM	10.07	0.14	1.4%	9.02	24.75	11.64%	-59.31%	4.2%	-8.5%	-41.5%	-55.5%	3,947,907	6,565,610	-39.9%	-6.16%	-39.43%	234.0	2,356	9.2	1.3	11.2
NVDA	8.07	0.05	0.6%	5.75	34.25	40.35%	-76.44%	7.5%	8.0%	-24.6%	-76.3%	11,039,314	17,399,600	-36.6%	6.04%	-24.44%	564.5	4,556	6.8	1.1	1.8
OIIM	1.96	-0.01	-0.5%	1.77	11.60	10.73%	-83.10%	3.2%	-24.9%	-46.0%	-83.0%	575,054	320,869	79.2%	-11.24%	-52.14%	37.0	73	3.3	0.4	0.4
ONNN	3.40	0.12	3.7%	2.35	10.85	44.68%	-68.66%	4.6%	16.4%	-49.7%	-61.7%	4,778,926	10,143,300	-52.9%	2.48%	-49.23%	404.8	1,376	3.7	0.7	1.3
OVTI	5.25	0.35	7.1%	4.12	19.75	27.43%	-73.42%	10.1%	-12.5%	-54.0%	-66.5%	690,415	921,052	-25.0%	-2.55%	-45.24%	51.7	271	4.2	0.4	0.5
PLXT	1.72	0.17	11.0%	1.51	9.56	13.91%	-82.01%	4.2%	-17.7%	-66.4%	-81.5%	189,161	125,923	50.2%	-23.87%	-64.28%	28.1	48	10.1	0.5	0.4
PMCS	4.86	0.02	0.4%	2.82	9.95	72.34%	-51.16%	6.8%	21.2%	-34.5%	-25.7%	2,596,130	5,642,780	-54.0%	21.37%	-24.24%	225.8	1,097	10.6	2.1	1.4
POWI	19.88	0.14	0.7%	14.59	35.00	36.26%	-43.20%	1.3%	8.6%	-17.5%	-42.3%	319,777	396,075	-19.3%	10.85%	-18.51%	32.6	648	14.4	3.1	2.0
PSEL	5.48	0.21	4.0%	4.66	19.35	17.60%	-71.68%	-0.7%	1.3%	-47.8%	-70.7%	339,081	237,361	42.9%	-1.54%	-49.55%	26.2	144	8.6	0.8	0.7
PXLW	0.72	0.02	2.9%	0.55	4.00	30.91%	-82.00%	-2.7%	-28.0%	-46.7%	-68.4%	24,622	34,330	-28.3%	-8.73%	-43.08%	15.4	11	1.6	0.1	1.4
PXPL	0.31	0.05	19.2%	0.21	2.84	47.62%	-89.08%	29.2%	47.6%	-69.6%	-86.6%	10,330	3,545	191.4%	-28.57%	-56.41%	3.4	1	-0.2	0.1	0.6
QCOM	35.83	0.89	2.5%	28.16	56.88	27.24%	-37.01%	4.1%	6.7%	-16.6%	-8.9%	15,050,759	25,343,200	-40.6%	8.33%	-16.94%	1,678.0	60,123	16.0	5.4	3.4
QI	0.38	0.00	0.0%	0.05	7.80	660.00%	-95.13%	22.6%	100.0%	-55.3%	-94.7%	850,248	3,134,450	-72.9%	102.74%	-72.96%	342.0	130	-0.1	0.0	0.0
QLGC	13.44	0.27	2.1%	8.69	20.21	54.66%	-33.50%	6.8%	26.6%	-12.5%	-5.4%	1,680,285	3,230,280	-48.0%	18.47%	-9.41%	132.8	1,785	10.9	2.7	2.6
QUIK	0.63	0.03	5.0%	0.51	3.55	23.53%	-82.25%	5.0%	8.6%	-40.0%	-80.9%	262,779	90,613	190.0%	-4.46%	-46.26%	29.8	19	-6.3	0.5	0.8
RFMD	0.78	0.02	2.6%	0.70	5.77	11.43%	-86.48%	-2.5%	-41.4%	-73.3%	-86.3%	3,022,677	4,730,210	-36.1%	-22.18%	-68.81%	294.9	230	4.6	0.2	0.2
RMBS	15.92	0.20	1.3%	4.95	26.41	221.62%	-39.72%	0.8%	54.4%	23.9%	-24.0%	1,826,111	2,627,070	-30.5%	41.67%	16.01%	104.9	1,670	-8.3	11.5	7.2
RMTR	1.84	0.31	20.3%	1.25	5.09	47.20%	-63.85%	19.5%	8.9%	-33.1%	-57.2%	120,055	70,789	69.6%	11.61%	-36.08%	27.7	51	10.8	0.8	1.4
SIGM	9.50	0.23	2.5%	6.93	57.37	37.09%	-83.44%	0.8%	1.8%	-33.2%	-82.8%	409,902	565,708	-27.5%	6.56%	-29.49%	27.1	257	4.8	1.1	0.9
SIMG	4.20	0.21	5.3%	3.00	7.68	40.00%	-45.31%	5.5%	11.1%	-21.3%	-7.1%	557,957	876,727	-36.4%	5.75%	-23.33%	75.3	316	9.3	1.1	1.2
SIMO	2.29	0.10	4.6%	1.99	20.61	15.08%	-88.89%	-14.2%	-21.6%	-51.1%	-87.1%	363,721	406,588	-10.5%	-13.09%	-66.76%	31.8	73	1.6	0.4	0.4
SIRF	1.28	0.02	1.6%	0.79	25.20	62.03%	-94.92%	-3.8%	-11.7%	-14.1%	-94.9%	737,532	991,500	-25.6%	-8.03%	-45.55%	62.3	80	-8.0	0.3	0.5
SLAB	24.78	0.17	0.7%	17.05	39.24	45.34%	-36.85%	4.7%	18.2%	-19.3%	-33.8%	475,110	1,035,340	-54.1%	16.71%	-13.28%	48.4	1,199	13.8	2.9	2.3
SMI	2.11	-0.11	-5.0%	0.80	5.15	163.75%	-59.03%	20.6%	115.3%	41.6%	-59.3%	182,203	203,656	-10.5%	64.29%	10.96%	372.2	785	-2.6	0.5	0.3
SMOD	1.54	0.20	14.9%	0.76	10.40	102.63%	-85.19%	14.1%	71.1%	-48.7%	-84.9%	125,762	232,438	-45.9%	24.28%	-42.89%	63.3	97	4.1	0.2	0.4
SMSC	16.34	-0.03	-0.2%	12.07	39.44	35.38%	-58.57%	0.0%	7.2%	-34.6%	-58.2%	311,423	189,125	64.7%	7.26%	-28.87%	22.9	374	8.7	1.0	0.9
SMTC	11.27	-0.01	-0.1%	8.80	18.56	24.07%	-39.28%	4.4%	-0.4%	-19.3%	-27.4%	671,792	970,955	-24.6%	6.27%	-12.90%	62.7	695	11.6	2.2	1.9
SNDK	9.60	0.43	4.7%	5.07	33.73	89.35%	-71.54%	4.6%	20.0%	-50.9%	-71.1%	4,983,470	9,800,990	-49.2%	15.03%	-33.00%	225.7	2,167	45.7	0.6	0.4
SPRD	0.99	0.10	11.2%	0.63	12.55	57.14%	-92.11%														

SEMICONDUCTOR UNIVERSE

Closing Prices as of 12/31/2008

Avg price chng %: 5.5%

Average P/E: 8.32

Average P/S: 1.66

Average P/B: 1.60

Positive: 78.0%

Negative: 17.8%

No chng: 4.2%

100.0%

Indices	Close	Change	%	52-week		Days Range		Week	MTD	QTD	YTD
				Low	High	Low	High				
SOXX	212.17	0.91	0.4%	167.55	429.45	209.57	214.38	5.0%	7.0%	-30.9%	-48.0%
SMH	17.61	0.10	0.6%	14.45	34.03	17.46	17.92	5.4%	3.9%	-28.7%	-45.7%
NASDAQ	1,577.03	26.33	1.7%	1,295.48	2,661.50	1548.88	1586.81	3.1%	2.7%	-24.3%	-40.5%
SP500	903.25	12.61	1.4%	741.02	1,471.77	889.67	910.32	3.5%	0.8%	-22.6%	-38.5%
DJIA	8,776.39	108.00	1.2%	7,392.27	13,338.20	8664.89	8842.66	3.1%	-0.6%	-19.1%	-33.8%

	Close	Chng	%	52-week				Week	MTD	QTD	YTD	Volume Day	Volume Average	%	% Change MACD		Diluted Shs (mil)	Cap (\$mil)	Trailing 12-Month			
				Low	High	Low %	High %								50-day	200-day			P/E	P/S	P/B	
* = SOX																						
SPSN	0.19	-0.00	0.0%	0.18	4.29	5.17%	-95.59%	-13.6%	-24.0%	-87.7%	-95.2%	1,006,683	1,338,470	-24.8%	-31.27%	-87.79%	160.7	31	-0.1	0.0	0.0	
SPWWRa	37.00	0.66	1.8%	2.10	134.34	1,661.90%	-72.46%	4.6%	6.5%	-47.8%	-71.6%	824,391	2,419,500	-65.9%	19.60%	-39.23%	84.5	3,127	18.6	2.5	3.1	
SSTI	2.29	0.19	9.0%	1.83	3.54	25.14%	-35.31%	4.6%	-24.4%	-29.8%	-23.4%	506,262	433,639	16.7%	-8.65%	-23.12%	99.7	228	-8.8	0.6	0.8	
STEC	4.26	0.20	4.9%	3.42	14.25	24.56%	-70.11%	3.4%	-21.8%	-44.7%	-51.3%	575,301	711,584	-19.2%	-3.15%	-45.32%	51.4	219	12.9	1.0	1.2	
* STM	6.65	0.08	1.2%	5.90	14.35	12.71%	-53.66%	1.4%	0.6%	-34.7%	-53.5%	988,319	2,188,460	-54.8%	-2.18%	-31.87%	937.2	6,232	15.1	0.6	0.7	
SUPX	24.01	0.03	0.1%	16.84	35.00	42.58%	-31.40%	4.2%	15.2%	-14.7%	-23.3%	89,047	139,116	-36.0%	13.88%	-6.53%	13.0	312	16.2	3.6	1.9	
SWKS	5.54	0.32	6.1%	3.57	11.24	55.18%	-50.71%	7.6%	2.8%	-33.7%	-34.8%	1,849,507	3,617,920	-48.9%	12.63%	-28.41%	166.5	922	7.7	1.1	1.0	
TMTA	18.20	0.25	1.4%	11.88	18.10	53.20%	0.55%	1.7%	1.4%	12.3%	33.2%	220,491	166,383	32.5%	3.07%	17.06%	13.3	242	53.5	9.2	6.5	
TQNT	3.44	-0.04	-1.1%	1.67	7.00	105.99%	-50.86%	19.4%	33.3%	-28.2%	-48.1%	2,252,101	1,865,750	20.7%	36.40%	-26.53%	148.1	509	9.8	0.9	0.9	
TRID	1.89	0.04	2.2%	1.28	6.57	47.66%	-71.23%	8.0%	12.5%	-21.3%	-71.2%	503,975	733,803	-31.3%	14.70%	-27.43%	61.2	116	4.3	0.6	0.5	
TSEM	0.14	0.0350	33.3%	0.10	1.45	35.00%	-90.69%	7.7%	-36.4%	-73.6%	-89.9%	699,735	192,853	262.8%	-27.86%	-73.56%	129.5	18	-0.2	0.1	0.1	
* TSM	7.90	-0.05	-0.6%	5.83	11.97	35.51%	-34.00%	4.5%	10.5%	-15.7%	-20.7%	4,469,471	17,574,400	-74.6%	10.22%	-10.79%	5,170.0	40,843	10.7	3.5	2.8	
TSRA	11.88	0.68	6.1%	8.33	44.97	42.62%	-73.58%	3.7%	-35.4%	-27.3%	-71.4%	641,883	908,639	-29.4%	-12.65%	-29.01%	49.2	584	11.5	2.5	1.4	
TUNE	2.04	0.00	0.0%	1.60	6.59	27.50%	-69.04%	-3.3%	-11.3%	-23.9%	-68.8%	596,396	220,319	170.7%	-3.44%	-27.99%	54.7	112	10.7	1.0	1.0	
TWLL	6.50	0.31	5.0%	4.92	14.25	32.11%	-54.39%	0.9%	17.1%	-31.1%	-41.0%	147,270	97,994	50.3%	8.46%	-30.57%	22.1	144	8.7	2.1	1.6	
TXCC	0.28	0.02	7.7%	0.22	1.15	27.27%	-75.65%	0.0%	-12.5%	-48.1%	-68.2%	261,687	401,855	-34.9%	-12.58%	-52.12%	133.5	37	-2.2	1.1	31.2	
* TXN	15.52	0.36	2.4%	13.38	33.24	15.99%	-53.31%	8.2%	-0.3%	-27.8%	-53.5%	13,453,329	19,675,600	-31.6%	1.50%	-27.80%	1,318.0	20,455	8.5	1.5	2.0	
UMC	1.96	-0.03	-1.5%	1.47	3.61	33.33%	-45.67%	2.1%	6.5%	0.5%	-43.4%	2,615,409	7,190,790	-63.6%	1.71%	-12.65%	2,626.0	5,147	45.6	1.6	0.8	
VIMC	2.19	-0.01	-0.5%	1.23	3.99	78.05%	-45.11%	15.3%	25.9%	-9.1%	-41.8%	82,771	131,017	-36.8%	15.37%	-7.26%	35.2	77	73.0	0.9	0.5	
VIRL	2.99	0.11	3.8%	2.51	8.50	19.12%	-64.82%	-9.7%	-11.8%	-49.3%	-64.2%	40,598	44,419	-8.6%	-11.87%	-42.10%	23.4	70	15.0	1.2	0.6	
VLTR	7.15	0.20	2.9%	6.10	17.77	17.21%	-59.76%	3.8%	-4.4%	-43.8%	-35.2%	158,686	427,173	-62.9%	-0.80%	-40.70%	25.6	183	9.9	1.8	2.3	
VSH	3.42	0.11	3.3%	3.17	11.60	7.89%	-70.52%	1.2%	-21.6%	-48.3%	-70.0%	1,419,613	1,579,040	-10.1%	-11.05%	-48.47%	186.4	637	5.2	0.2	0.3	
VTSS.pk	0.36	0.21	140.0%	0.09	0.94	-68.70%	-90.50%	157.1%	38.5%	-33.3%	-58.6%	7,310,991	1,174,090	522.7%	-78.21%	-85.49%	220.0	79	-72.0	0.4	0.7	
* XLNX	17.82	0.20	1.1%	14.28	28.21	24.79%	-36.83%	9.4%	8.9%	-24.0%	-18.5%	6,289,590	9,044,940	-30.5%	8.93%	-17.92%	277.7	4,949	12.2	2.6	3.2	
ZILG	2.90	0.45	18.4%	1.40	4.37	107.14%	-33.64%	26.1%	2.5%	-9.7%	-16.7%	33,853	39,866	-15.1%	11.24%	-4.45%	17.0	49	-6.9	0.7	2.0	
ZRAN	6.83	0.24	3.6%	5.53	22.48	23.51%	-69.62%	7.1%	-9.2%	-16.3%	-69.7%	496,372	708,388	-29.9%	-1.43%	-19.21%	51.3	350	9.6	0.7	0.7	