RESEARCH BULLETIN

IC Insights

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53-Point Growth-Rate Delta Within 2008 Top 20 Supplier Ranking

Broadcom shows largest gain (20%) while Hynix registers biggest decline (-33%)

IC Insights' research for its *March Update* to *The McClean Report* includes an analysis of the top 50 semiconductor, IC, and fabless IC suppliers for 2008. As shown in Figure 1, there are eight U.S. companies in the top-20 semiconductor ranking (including three fabless semiconductor suppliers), six Japanese, three European, two South Korean, and one Taiwanese company (IC foundry supplier TSMC) in the ranking. As shown, it required at least $3.6 billion in 2008 sales to make the top 20 ranking. Although the top five ranked companies remained the same, and most of the other top 20 suppliers moved up or down only one or two spots in the ranking, there were a few companies that displayed significant changes in their 2008 rank as compared to their 2007 positions.

MORE INFORMATION CONTACT

Bill McClean
President
IC Insights, Inc.
Phone: +1-480-348-1133
Email: bill@icinsights.com

Major Changes in the 2008 Ranking Include:

- The second largest fabless supplier, **Broadcom**, jumped six positions and is now the 17th largest semiconductor supplier in the world.

- After a disastrous 33% decline in IC sales last year, DRAM and flash memory supplier **Hynix** dropped from 6th in 2007 to 10th in 2008. The company's current annual sales run rate is less than $4.0 billion.

- Cell phone IC supplier **Qualcomm** used a 15% year-over-year growth rate to jump five spots and rank as the 8th largest semiconductor supplier in 2008.

- DRAM-supplier **Qimonda's** nightmare worsened in 2008 as the company filed for insolvency and dropped 11 positions from being ranked 18th overall in 2007 to 29th in 2008.

- With a 12% decline in 2008/2007 sales, **NXP** fell five spots to 15th from 10th in 2007.

- Although its sales declined a relatively mild 7% in 2008, Japanese DRAM supplier **Elpida** dropped out of the top 20 ranking.

Summary

The total 2008/2007 sales of the top 20 semiconductor suppliers displayed a 3% decline, matching the total worldwide semiconductor market decline in 2008. Among the top 20 semiconductor suppliers, there were only nine companies that registered an increase in sales in 2008.

2008 Top 20 Semiconductor Sales Leaders ($M)

2008 Rank	2007 Rank	Company	Headquarters	2007 Tot Semi	2008 Tot Semi	2008/2007 % Change
1	1	Intel	U.S.	35,021	34,490	-2%
2	2	Samsung	South Korea	19,951	20,272	2%
3	3	TI	U.S.	13,309	11,966	-10%
4	4	Toshiba	Japan	11,850	11,059	-7%
5	5	TSMC*	Taiwan	9,813	10,556	8%
6	7	ST**	Europe	8,637	9,052	5%
7	8	Renesas	Japan	8,001	7,017	-12%
8	13	Qualcomm***	U.S.	5,619	6,477	15%
9	9	Sony	Japan	7,203	6,420	-11%
10	6	Hynix	South Korea	9,201	6,182	-33%
11	12	Infineon	Europe	5,772	5,972	3%
12	11	AMD	U.S.	6,013	5,808	-3%
13	14	NEC	Japan	5,593	5,732	2%
14	15	Micron	U.S.	5,520	5,688	3%
15	10	NXP	Europe	6,026	5,318	-12%
16	16	Freescale	U.S.	5,447	4,898	-10%
17	23	Broadcom***	U.S.	3,754	4,509	20%
18	17	Fujitsu	Japan	4,568	4,462	-2%
19	21	Panasonic	Japan	3,810	4,321	13%
20	19	Nvidia***	U.S.	3,979	3,660	-8%
—	—	Total Top 20	—	179,087	173,859	-3%

*Foundry **Not incl. flash and ST-NXP Wireless in 2007 & 2008 ***Fabless

Source: Company reports, IC Insights

Figure 1

As shown in Figure 2, three of the top 20 companies had double-digit 2008/2007 growth rates. It goes to show that even in a "weak" market there are still a few "strong" performers. In contrast, six companies registered double-digit declines in 2008 semiconductor sales.

2008 Top 20 Semiconductor Sales Leaders ($M) Ranked by Growth Rate

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Figure 2

Report Details

Additional rankings of the top IC suppliers and details about IC market forecasts through 2013 can be found in the 2009 edition of *The McClean Report,* IC Insights' complete analysis and forecast of the integrated circuit market. Packed with 400 tables and graphs, the report is available in three-ring binder, CD-ROM, and on-line formats, and also comes with free monthly updates by e-mail from March through November. A single copy of the report in CD-ROM or binder format is priced at $2,890. A bundled CD-binder set is priced at $3,385. An Internet access password is available as a $695 option. The report is also available under a multi-user corporate license for $5,990.