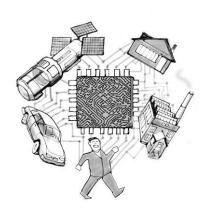
Sector View

Semiconductors

January sales above seasonal average, the environment remains soft but we see no further deterioration

	1 M	3 M	6 M	31/12/15
Semiconductors	4.6%	-8.4%	2.6%	-3.2%
DJ Stoxx 600	4.0%	-7.8%	-3.2%	-6.6%
*Stoxx Sector Indices				

Companies covered							
ARM HOLDIN	IGS	BUY	1310p				
Last Price	1017p	Market Cap.	GBP14,324m				
ASML		BUY	EUR85				
Last Price	EUR86.57	Market Cap.	EUR37,514m				
DIALOG		NEUTRAL	EUR38				
Last Price	EUR33.147	Market Cap.	EUR2,581m				
INFINEON		BUY	EUR15				
Last Price	EUR11.43	Market Cap.	EUR12,928m				
SOITEC		NEUTRAL	EUR0.65				
Last Price	EUR0.66	Market Cap.	EUR153m				
STMICROELE	CTRONICS	NEUTRAL	EUR7				
Last Price	EUR5.366	Market Cap.	EUR4,888m				



2016 has started on a good trend compared to the end of 2015. According to SIA, reporting WSTS data, global semiconductor sales stood at USD25.9, down 4.7% on a sequential basis and down 5.0% on a yearly basis. However, the decline was softer than our 5-y historical benchmark pointing to a sequential decline of 9.6%. While December was below the seasonal average, we expected to see better momentum in January and the actual data was even better than anticipated. Overall, the chip market remains soft but the deterioration period might be over. We continue to expect soft growth for FY16 with a stronger H2 than H1 thanks to better comparison.

ANALYSIS

- Global semiconductor sales continued to decrease on a yoy basis with January sales down 4.7% yoy to USD25.9bn. On a sequential basis, global sales were down 5.0% in January compared to December sales. This was well below our benchmark based on 5-y historical data showing an historical seasonal increase of -9.6% in January vs. December. Based on the visibility we now have, we continue to anticipate a tough environment in smartphones while signs of a recovery in the automotive sector become tangible. We also note that macro-economical indices are stabilising but remain at very low levels (US and Chinese January. PMI index <50). Overall, the chip market remains soft but the deterioration period might be over. We continue to expect soft growth for FY16 of 2-3% with H2 stronger than H1 thanks to better comparison.
- Once again, all regions, including Asia, showed a yoy decrease in sales. Indeed, January sales in Asia, which represent about 60% of semiconductor billings (of which ~50% are made in China), were down by 0.7% yoy. This was the fourth time since January 2015 that Asian sales were down (July, November and December 2015 before). As for December, US momentum was particularly weak with a yoy decrease of 16.4% in January 2016. European and Japanese sales were down by 7.1% and 2.1% respectively (a soft decrease compared to -11% in 2015).
- February and beyond: February sales expected to be in line. Two very different trends are noticeable at the very beginning of 2016: 1/ a strong slowdown in the smartphone market and particularly in the iPhone value chain and 2/ an improving environment in the automotive sector while the PC and industrial sector remained stable. Inventory adjustments impacting the automotive sector came to an end and global production of light vehicles showed a strong rebound in certain regions such as Asia. The PC segment still looks to be at rock bottom with no signs of improvement. Nevertheless, we believe the overall environment will remain soft during H1 2016 but should benefit from positive comparison in H2 2016. February ISM data improved strongly with the US PMI Manufacturing index up to 49.5 from 48.2. Although it was still below the 50 level indicating that economic conditions remain fragile, the improvement was notable. February's production index continued to improve to 52.8 from 50.2 in January. The Inventories Index also rebounded from the very low level of 43.5 in January to 45.0 in February. Chinese data remained poor with Markit PMI Manufacturing at 48.0 (vs. 48.4 in January and 51.3 in April 2015).

VALUATION

• 2016e P/E valuation improved in February. Our semiconductor valuation table shows that valuation differences between the six sub-sectors of the industry improved in February. On average, IP & EDA vendors, and Fabless have the highest valuation metrics with an average 2016e P/E ratio of 19.1x and 16.1x respectively (up sharply from 16.9x and 15.1x a month ago). Conversely, Memory makers have the lowest valuation with an average 2016e P/E ratio of 9.6x (up from 9.1x a month ago).

BG semiconductor sub-sectors valuation table

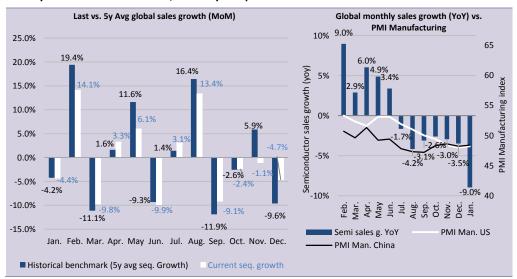
	YTD stocks perf.		2016e			
Subsector (# of comp.)	Avg. / Median	High / Low	EV/Sales	EV/EBITDA	EV/EBIT	P/E
Fabless (15)	-1.1% / -2.5%	21.8% / -23.0%	2.3x	8.5x	10.9x	16.1x
Logic & Analog IDM (19)	-7.6% / -5.6%	2.7% / -31.5%	2.4x	7.6x	10.6x	15.1x
Memory IDM (4)	-15.3% / -14.2%	-2.4% / -30.5%	0.8x	2.6x	6.5x	9.6x
Foundry (5)	-3.2% / -6.5%	10.7% / -16.5%	1.4x	3.8x	11.8x	11.9x
Semi Equipmt & Materials (11)	-1.1% / -0.5%	9.4% / -17.7%	1.9x	9.9x	-12.3x	15.0x
Intellectual Property & FDA (10)	5.5% / 5.2%	27 2% / -14 4%	4 1x	13 0x	17 3x	19 1x

Numbers between brackets represent the number of companies in each category; green/red numbers are higher/lower data per ratio. Sources: Thomson Reuters I.B.E.S.; Bryan Garnier & Co.

NEXT CATALYSTS

• February 2015 SIA global billing reports, expected for early April.

January sales are above seasonal, February is expected to be in line



Sources: WSTS; Bryan Garnier & Co.

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Stock rating

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Positive opinion for a stock where we expect a favourable performance in absolute terms over a period of 6 months from the publication of a recommendation. This opinion is based not only on the FV (the potential upside based on valuation), but also takes into account a number of elements that could include a SWOT analysis, momentum, technical aspects or the sector backdrop. Every subsequent published update on the stock will feature an introduction outlining the key reasons behind the opinion.

NEUTRAL

Opinion recommending not to trade in a stock short-term, neither as a BUYER or a SELLER, due to a specific set of factors. This view is intended to be temporary. It may reflect different situations, but in particular those where a fair value shows no significant potential or where an upcoming binary event constitutes a high-risk that is difficult to quantify. Every subsequent published update on the stock will feature an introduction outlining the key reasons behind the opinion.

SELL

Negative opinion for a stock where we expect an unfavourable performance in absolute terms over a period of 6 months from the publication of a recommendation. This opinion is based not only on the FV (the potential downside based on valuation), but also takes into account a number of elements that could include a SWOT analysis, momentum, technical aspects or the sector backdrop. Every subsequent published update on the stock will feature an introduction outlining the key reasons behind the opinion.

Distribution of stock ratings

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NEUTRAL ratings 29.1%

SELL ratings 7.5%

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