

PRESS BOOK – Press Releases

June 2008



Y O L E D É V E L O P P E M E N T

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MEMS



April 8th 2008 (www.eetimes.com)

MEMS market could explode

Microelectromechanical system (MEMS) chips and pure CMOS inductor-capacitor oscillator chips are challenging quartz crystals in timing applications for original equipment manufacturers, the market for which is growing at a 120 percent rate, four times more than the 30 percent growth rate for MEMS foundries.



February 14th 2008 (www.advancedpackaging.com)

Yole releases Life Sciences BioMems Rapport

“Yole Développement, (...) has released a report on how microelectronics can bring added value to life(...)”. “The life sciences industry already faces critical challenges in addressing this expected market.



January 29th 2008 (www.electronique.com)

Vers un doublement du marché des Mems à l'horizon 2012

“Selon la dernière étude de Yole Développement, les ventes mondiales de Mems passeraient de 7 milliards de dollars l'année dernière à 14 milliards de dollars en 2012, soit une progression annuelle moyenne de 14%. Pour cette année Yole prévoit une croissance en valeur de 11,9%, à 7872 millions de dollars (...)”



January 31th 2008 (www.semiconductor.net)

Yole Ranks Top 30 MEMS Suppliers; Sees Rapid Growth in Consumer, Medical

“Yole Ranks Top 30 MEMS Suppliers; Sees Rapid Growth...applications, said Jean Christophe Eloy, CEO of Yole Développement (Lyon, France), a market...markets. Jean Christophe Eloy, CEO of Yole Développement Yole released its 2007 ranking...”

COMPOUND SEMICONDUCTORS



June 14th 2008(www.mae.pennet.com)

Market for GaN RF transistors to reach \$100 million by 2010

“(...) wireless telecommunications applications, Yole analysts say in a new market study entitled GaN RF Market Analysis. The report analyzes the applications for GaN RF transistors, and (...) transistor GaAs pHEMT technology, Yole analysts say.”



May 3th 2008 (www.eetimes.com)

Yole analyzes compound semi market

“Yole Développement noted that silicon continues to dominate the semiconductor business as the reference material. Nevertheless, a host of applications such as optoelectronics, RF or power electronics require material properties that cannot be provided by silicon.”



March 3th 2008(www.electronic.com)

Substrates: 775M\$ pour les matériaux composés en 2007

« Selon une étude qui vient d’être publiée par Yole Développement, les ventes de substrats autres que silicium (GaN, GaAs, InP, SiC et corindon... »



March 2008 (www.compoundsemiconductor.net)

LED boom to push substrate sales past \$1B

« Analyst firm Yole Développement sees strong GaN, sapphire and GaAs substrate revenues through 2012, as compound semiconductors beat silicon in growth of total wafer areas processed. »

3DIC, TSV+ and WLP



March 30th 2008 (www.semiconductor.net)

More 3D IC Integration from Ft McDowell

"...any other way. Updated Marketing Info Eric Mounier from Yole updated their market findings in the area of 3D integration. Since the RTI 3D IC meeting in the fall of 2007, Yole has significantly increased their penetration of TSV for CMOS...The Yole group has made several public presentations of their data. (see Perspectives...Leading Edge "Discussions in the Valley" – Nov 4 th 2007) Yole projects that 5MM 3D wafers will be manufactured in 2012 which..."



February 20th 2008 (www.videsignline.com)

Microfluidics on the way to reach its promised market value in Life Sciences

"In a description of various types of devices using WLP, Yole indicated that about 35 percent of CMOS imagers in cell-phone and notebook cameras(...). The market analyst expects the technology will penetrate about 63 percent of this market by 2012(...)."



February 20th 2008 (www.eetimes.net)

Yole gives an outlook of WLP technology adoption

"French research and strategy consulting company Yole Développement (Lyon, France) provides an analysis on the adoption of wafer-level packaging (WLP) in the IC, CMOS imagers and MEMS applications based on the fact that WLP technology can be implemented in the most cost sensitive applications as it will scale favorably with the trend to manufacture on ever increasing wafer diameters"



February 15th 2008 ([http.ap.pennet.com](http://ap.pennet.com))

Yole Releases WLP Report

"Yole's report gives a precise description of the different type of devices using WLP and their related manufacturing challenges.(...)We forecast that the technology could penetrate about 63% of this market as of 2012 (...)"

MICROFLUIDICS/ PHOTOVOLTAIC



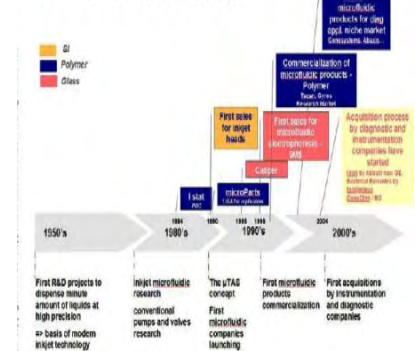
April 2nd 2008 (www.suframa.gov.br/minapim)

Microfluidics on the way to reach its promised market value in Life Sciences

“Data extracted from Yole Développement EMMA 07 report”.(...)
 “Microfluidics’ main expected growth is in the diagnostic market”
 “Expected future of microfluidics: a key technology (...)”

⇒ Yole reveals facts about Microfluidics being on the way to reach its promised market value in Life Sciences

Microfluidics History



April 16th 2007 (www.semiconwest07.bdmetrics.com)

PhotoVoltaic TEAM (Techno Equipment Application and Markets)

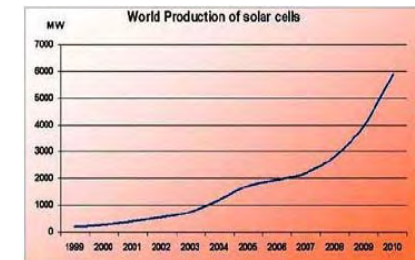
“For Gaëtan Rull, analyst at Yole “the PV equipment market will overspend 2B\$ in 2010.(...) is stimulating investments in new technologies and especially thin films. We expect lasers, CVD and PVD systems to explode at very short term with CAGR of 40%”



January 26th 2007 (www.suframa.gov.br/minapim)

Photovoltaic technology: how big is the opportunity for equipment companies?

“At Yole, we defined 8 main segments for PV applications, and each technology can have market shares, from solar plants to BIPV and consumer goods,...”



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