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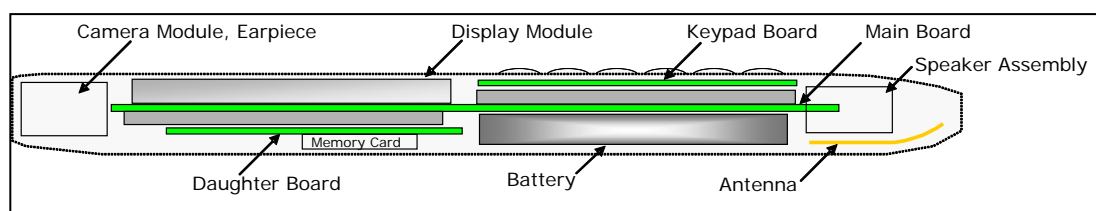
Portelligent Study: Battle of the E-Mail Machines – New Players Bring Diversity and Design Competition

A study recently completed at Portelligent, based on Portelligent teardown analyses of three E-Mail Machines -- the Motorola Q, Nokia E61, and RIM BlackBerry 8700c -- along with teardown data collected from over 100 cell phones since the beginning of 2005, highlights three unique design approaches to providing cellular voice communication and mobile e-mail in a compact form factor.

Austin, USA — November 7, 2006 – Recent high visibility product launches of the Q from Motorola and the E61 from Nokia highlight the importance of the QWERTY cellular e-mail phone (E-Mail Machine) in the product portfolios of cell phone makers. The well-publicized success of RIM and Palm, who have focused their efforts on integrating cellular and e-mail capabilities into a handset with a QWERTY keyboard, has pushed the leading cell phone makers to develop similar devices.

“With the emergence of device agnostic push e-mail solutions from such providers as Good Technology, Intellisync, and Microsoft, it has become more important than ever for the phone OEMs to provide the best, lowest cost QWERTY cellular e-mail phones that meet the needs of their customers,” said Jeff Brown, Principal Analyst, Portelligent, Inc. The Portelligent study of the three E-Mail Machines, led by Brown, has identified three unique design approaches to providing anytime, anyplace e-mail.

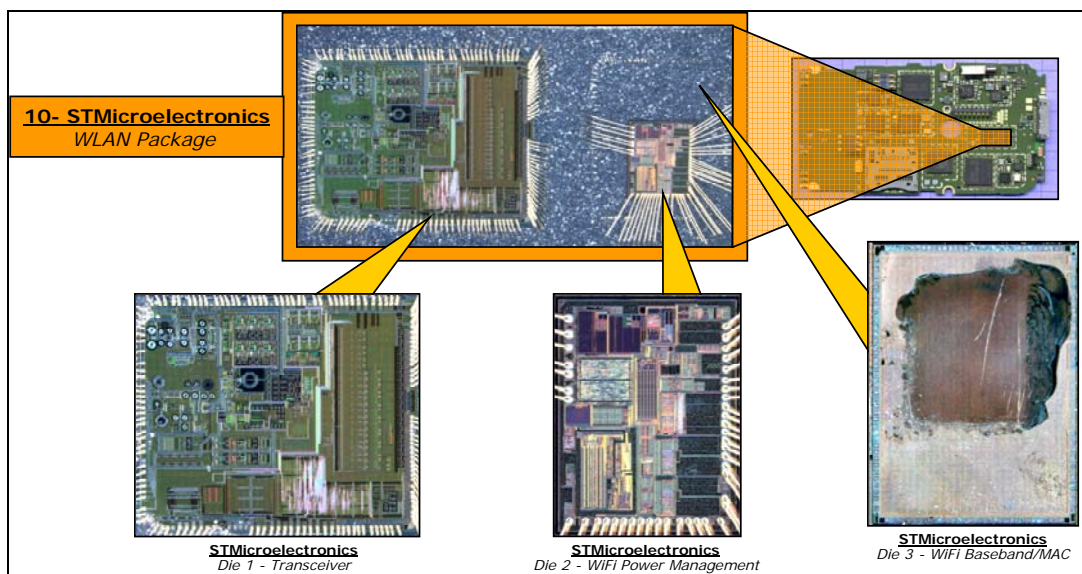
Borrowing from the success of the ultra-thin RAZR, the launch of the Q from Motorola set a new benchmark in thinness for an E-Mail Machine at 14mm. How did Motorola make the Q so thin? To answer this question, the report borrowed from Portelligent’s cross section of the Motorola Q found in their recent full teardown report.



Motorola Q Cross Section – Source: Portelligent, Inc., www.portelligent.com

"The magic in the Moto Q is less in the electronics than in how these electronics were integrated into an overall system. The Moto Q is very thin, but not very small - extra product length and width allows the design to grow slimmer," commented David Carey, Portelligent president and CTO. "In addition, the Q's endoskeleton – formed from the dense combination of boards, battery and display – is pretty stiff, and when bonded together, they offer the needed rigidity such that a thin plastic outer skin will suffice"

Among the three products, the Nokia E61 was the only one to include a Wi-Fi module, which was enabled by a single multi-chip package from ST Microelectronics.

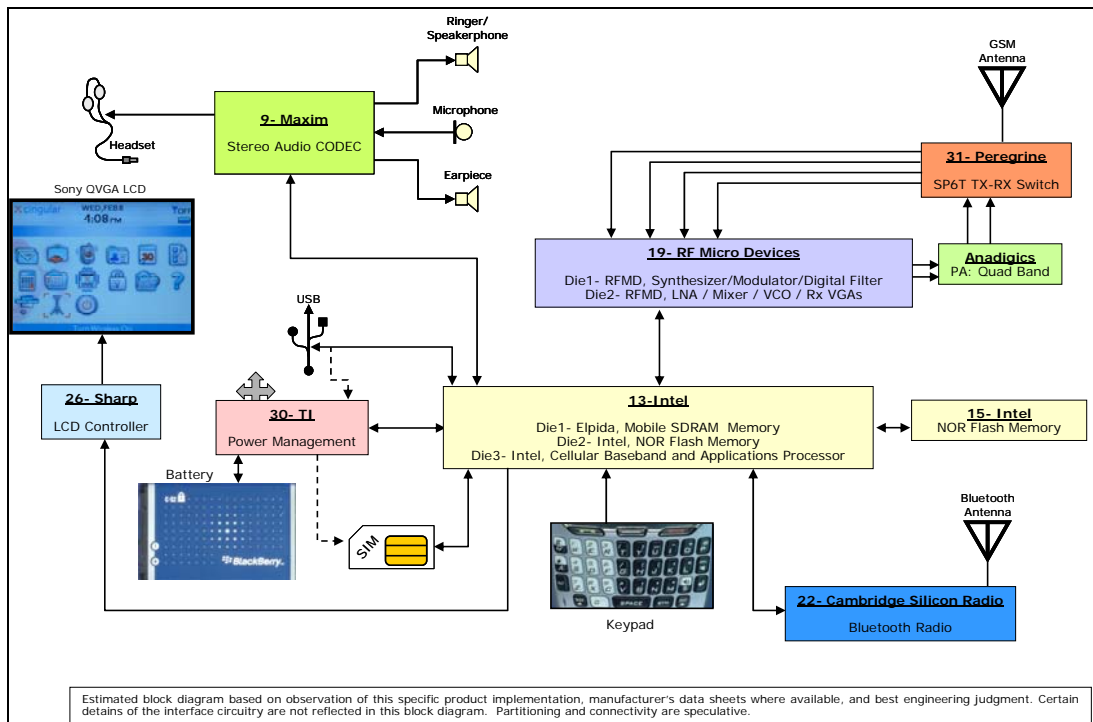


Wi-Fi on the Nokia E61 – Source: Portelligent, Inc., www.portelligent.com

"With Nokia including Wi-Fi on the Nokia E61 while maintaining an estimated overall hardware BOM below \$120, I would expect other E-Mail Machine makers to be devising plans to also include Wi-Fi on their future E-Mail Machines," noted Brown.

"Utilizing an integrated digital baseband and application processor from Intel on the BlackBerry 8700c, RIM was able to achieve the lowest estimated hardware BOM of the three devices through design simplicity while maintaining its highly focused approach to business communications," added Brown.

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RIM BlackBerry 8700c Block Diagram – Source: Portelligent, Inc., www.portelligent.com

Beyond the in-depth hardware and cost comparison of the Motorola Q, Nokia E61, and RIM BlackBerry 8700c, Portelligent's STAR (Strategic Trends Analysis Report) on E-Mail Machines also analyzes supply chain impact and provides forecast configurations of late 2007 Mid Segment and Ultra High Segment E-Mail Machines.

For more information about the E-Mail Machines STAR report, contact Jeff Brown at Portelligent (jbrown@teardown.com; Tel 1-512-338-3600 x224).

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Portelligent, Inc., located in Austin, Texas, USA, offers reports and analyses that are generated through a rigorous "product-teardown" methodology to the electronics, wireless, semiconductor, and financial sectors. Portelligent is a spin-out of the MCC research consortium, where underlying analytical methods and cost models were developed.

For additional information about Portelligent's product teardown analyses and other analytical offerings, in the U.S. contact Don Stroud

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