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**HEADLINE:** QUALCOMM's MSM6500 Multimedia Single-Chip Solution Enables High-Performance Multimode Handsets Supporting CDMA2000 1X, 1xEV-DO and GSM/GPRS

**BODY:**

- Highly Integrated Chipset Enables Cost-Effective High-Speed Wireless

Data Terminals, Receive Diversity on CDMA2000 1X and 1xEV-DO Systems,  
Roaming on GSM/GPRS Systems and Connectivity to USB Devices Through  
USB Host Functionality -

SAN DIEGO, Nov. 12 /PRNewswire-FirstCall/ -- QUALCOMM Incorporated (Nasdaq: QCOM), pioneer and world leader of Code Division Multiple Access (CDMA) digital wireless technology, today announced details regarding the MSM6500(TM) Mobile Station Modem (MSM(TM)) chipset and system software, a high-capacity, high-speed wireless data solution that supports the industry-wide CDMA2000 1X and CDMA2000 1xEV-DO standards, as well as roaming on GSM/GPRS systems. Samples of the MSM6500 chipset are expected to ship in the second quarter of calendar 2003.

Capable of peak wireless data rates of 2.4 Mbps on the forward link, the MSM6500 solution integrates USB On-The-Go (OTG) host controller functionality that will enable wireless handsets to communicate directly with accessories such as printers, digital cameras, keyboards, and CD-ROMs. With receive diversity support on CDMA2000 1X and 1xEV-DO, the MSM6500 solution can double voice capacity for CDMA2000 1X voice systems and improve data throughputs for CDMA2000 1X and 1xEV-DO systems.

"The MSM6500 chipset and system software will allow device manufacturers to develop highly integrated, feature-rich terminals without requiring a companion processor for advanced multimedia applications," said Don Schrock, president of QUALCOMM CDMA Technologies. "With receive diversity supported on both CDMA2000 1X and 1xEV-DO, this solution provides attractive voice-capacity and data-performance improvements to all CDMA operators, and will enrich the overall end-user experience."

QUALCOMM's MSM6500 Multimedia Single-Chip Solution Enables High-Performance Multimode Handsets  
Supporting CDMA2000 1X, 1xEV-DO and GSM/GPRS PR Newswire November 12, 2002 Tuesday

Building on QUALCOMM's industry-leading MSM6100(TM) architecture, the MSM6500 chipset integrates the ARM926EJ-S(TM) processor with the ARM(R) Jazelle(TM) Java(TM) accelerator, two low-power, high-performance QDSP4000(TM) Digital Signal Processor (DSP) cores and a wideband stereo codec for enhanced digital audio applications.

The MSM6500 solution supports the advanced feature set of QUALCOMM's Launchpad(TM) suite of technologies, including MPEG-4 encoding and decoding, MP3 audio decoding, 2D/3D graphics acceleration for gaming, Compact Media Extension (CMX(TM)) MIDI synthesizer, QUALCOMM's Qcamera(TM) digital interface, fast JPEG encoding/decoding, Bluetooth(TM) technology for wireless connectivity and USB OTG.

To enable location-based services and applications, the MSM6500 chipset and system software integrate QUALCOMM's gpsOne(TM) solution, which is also capable of operating in a standalone mode, in which the handset acts as a GPS receiver. The gpsOne solution, which also includes the VectorOne(TM) compass interface, features SnapTrack(R) technology and offers robust position availability under the most challenging conditions, whether in concrete-and-steel high-rises, convention centers, shopping malls or urban canyons.

Compliant with Interim Standard 856 (IS-856) and IS-2000 Release A, and backward compatible with IS-95A/B and IS-2000 Release 0, the MSM6500 chipset also supports GSM and GPRS functionality, enabling the chipset to support all major telecom standards worldwide. The GSM/GPRS modem is based on Release 99 of the GSM and GPRS standard, and supports class B, multislots class 8 operation, as well as EFR, FR, HR and AMR vocoders.

The MSM6500 chipset solution also features QUALCOMM's radioOne(TM) direct RF-to-baseband conversion technology, resulting in cost-effective multiband and multimode terminals that can be produced in smaller form factors.

QUALCOMM Incorporated ( [www.qualcomm.com](http://www.qualcomm.com) ) is a leader in developing and delivering innovative digital wireless communications products and services based on the Company's CDMA digital technology. Headquartered in San Diego, Calif., QUALCOMM is included in the S&P 500 Index and traded on The Nasdaq Stock Market(R) under the ticker symbol QCOM.

Except for the historical information contained herein, this news release contains forward-looking statements that are subject to risks and uncertainties, including the Company's ability to successfully design and have manufactured significant quantities of CDMA components on a timely and profitable basis, the extent and speed to which CDMA is deployed, change in economic conditions of the various markets the Company serves, as well as the other risks detailed from time to time in the Company's SEC reports, including the report on Form 10-K for the year ended September 30, 2002 and most recent Form 10-Q.

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