Freescale unveils world's first 3G single core modem for mobile phones

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Freescale Semiconductor has unveiled its revolutionary 3G single core modem processor, at the heart of the MXC300-30 platform, based on the Mobile eXtreme Convergence architecture. Freescale is the first to provide a single core modem for third generation wireless phones — and is the only one to provide a comprehensive UMTS platform including combined baseband and applications processor, RF, power amplifier and power management.

"Freescale is pulling ahead in the race to deliver comprehensive 3G solutions that remove barriers and reduce the risk for handset manufacturers," says Franz Fink senior vice president and general manager of Freescale's wireless and mobile systems group.

"The MXC300-30 platform illustrates our architectural approach to reducing handset design costs while increasing design freedom. Imagine slim and sleek 3G handsets like the 2.5G handsets of today, at the same affordable price."

This single platform can equip virtually any product — an MP3 player, a handheld DVD player or a digital camera — to become a fully functional smart mobile cellular device.

Source: Freescale Semiconductor