Intel® XMM™ 2130/2150

Low-Cost EDGE Single-Chip Solution for Mobile Internet Browsing and Messaging

The Intel® XMM™ 2130/2150 series is based on single-chip, 65 nm CMOS technology integrating a baseband, RF transceiver, power-management unit and FM radio.

It sets a new industry standard in System-on-a-Chip (SoC) designs, bringing advanced capabilities to the low-cost segment. The integration of FM radio, a high-performance ARM® 11 processor and EDGE functionality enable features such as Internet browsing (WAP, xHTML), music and video, camera functionality, FM radio broadcasting and messaging (MMS, IM, smart text input, e-mail) to be incorporated in products for the low-cost market. Thanks to the single-chip design, these functions can be realized on a very small PCB area, giving handset manufacturers a high degree of design flexibility.
Key Features
- 2 MPixel camera, WQVGA display
- On-chip stereo FM radio with RDS
- USB 2.0 for fast external device access
- Stereo headset, class-D amplifier
- NAND/LPDDR1 (Intel X-GOLD™ 215)
- 6-layer PCB
- Dual SIM dual standby, hot swap

Key Benefits
- EDGE downlink at the same cost as GPRS
- Great user experience and multimedia performance
- Very low Bill-of-Material (BOM)

Great Browsing Experience
Mobile phones are primary Internet access devices, especially in countries with limited wireline infrastructures. Intel XMM™ 2130 and 2150 deliver a great browsing experience at exceptionally low prices.

For more information on Intel® XMM™ 2130 / 2150, visit www.intel.com/go/mobilecommunications