The Intel® XMM™ 1160/1180 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 for 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 GPRS 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

- 1.3 MPixel camera, WQVGA display
- On-chip stereo FM radio with RDS
- USB 2.0 for fast external device access
- Stereo headset, class-D amplifier
- 4/6-layer PCB
- Dual SIM dual standby, hot swap

Key Benefits

- GPRS for excellent multimedia performance and a great user experience
- Very low Bill-of-Material (BOM)

Great User Experience

The powerful CPU and multimedia features of Intel XMM™ 1160/1180 bring an outstanding user experience and multimedia capabilities to the low-cost GPRS segment.

For more information on Intel® XMM™ 1160 / 1180, visit www.intel.com/go/mobilecommunications