



GPRS

Intel® XMM™ 1160/1180

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

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.

