

U330

Affordable multimedia in a small package

With its slim form factor, the U330 gives you the greatest design flexibility at the lowest cost. A small platform packed with multimedia features: camera, camcorder, 3D graphics, and high-quality audio, all optimized for top performance and low power consumption. With its focus on low cost and product differentiation, the U330 significantly shortens time-to-market when you are developing new products.



U330 HIGHLIGHTS

Smallest size for highest design flexibility

- One of the smallest platforms on the market, scalable from low to high segments
- High component integration
- RF single chip

Proven low-cost solution

- Low BOM enabling affordable multimedia devices
- Easy software migration from earlier platforms for fast product development and launch
- One of the most stable platforms on the market with a cost-efficient package

Excellent multimedia capabilities

- Multimedia performance using hardware acceleration with optimized and proven software
- High-quality speech, audio, and imaging
- Low power consumption

PLATFORM CONFIGURATION

The platform is suitable for feature phones, smartphones and modem devices. The U330 gives our customers maximum opportunity to develop products in diverse segments.

U330 KEY FEATURES

Access

- Cellular access
 - 3GPP rel 5
 - WCDMA flexible quad band
 - HSDPA 3.6 Mbit/s (cat 6)
 - GRAKE (Type 1) advanced receiver with interference suppression
 - GPRS/EDGE flexible quad band
- WLAN
 - WLAN IEEE 802.11
 - UMA/GAN
- Connectivity
 - USB 2.0 Hi-Speed
 - Bluetooth® V2.0 + EDR
- Positioning
 - A-GPS: MO-LR, MT-LR, NI-LR, LCS (SUPL)

Multimedia

- Display/camera/video/graphics
 - QVGA 24-bit/pixel display
 - 5-Mpixel camera
 - Built-in ISP
 - Video playback: H.264, MPEG-4, QVGA
 - Video camcorder: MPEG-4, VGA
 - Video codec: H.263, H.264, MPEG-4
 - Graphics: OpenGL® ES, OpenVG™, EGL™

- Audio
 - Advanced audio codecs
 - AMR-WB+
 - Audio streaming
 - Positional 3D audio
 - Stereo widening
 - Spectrum analyzer (visualization)
- Mobile TV
 - Unicast

IMS (IP multimedia subsystem)

- IMS multimedia telephony 3GPP Rel 7
- JSR-281 for IMS service creation (such as video sharing)
- IMS services enabled over WLAN

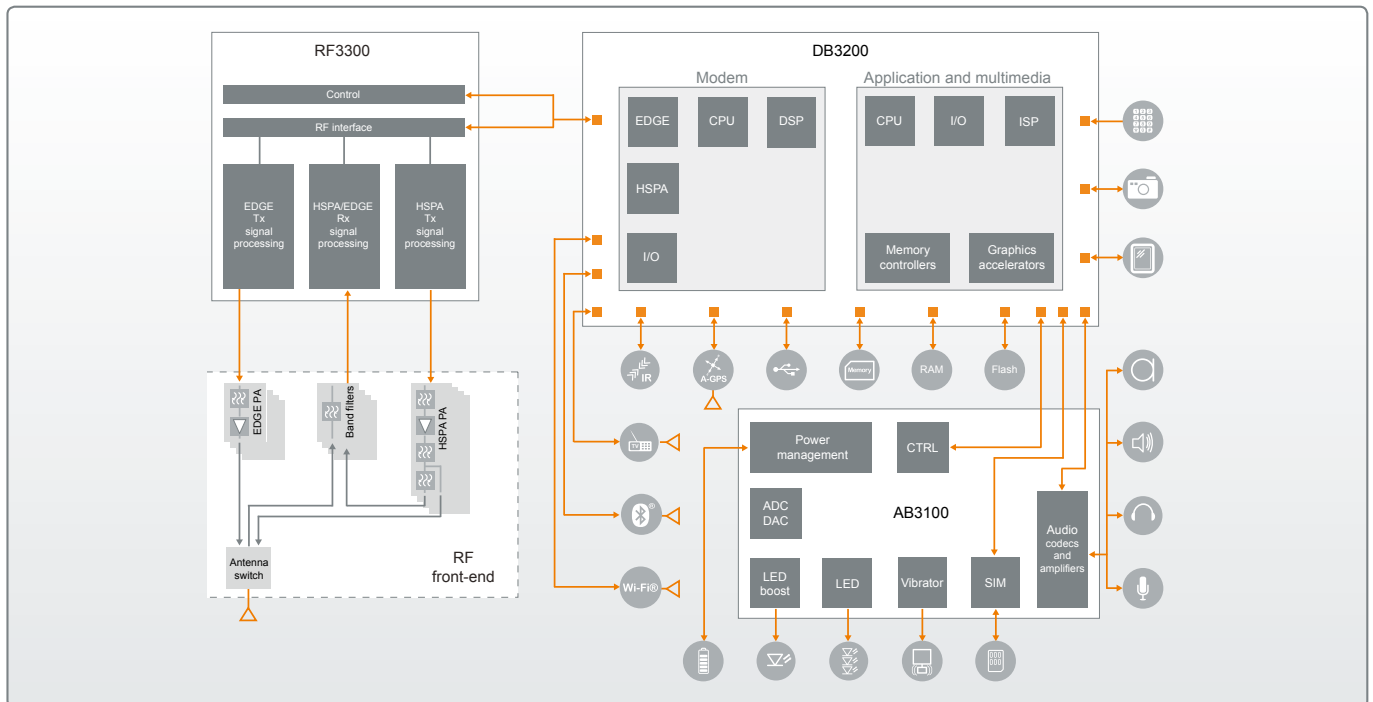
Security

- Core platform security - SIMLock, PhoneLock, secure boot, IMEI protection
- Security services - IPsec, TLS

U330 HARDWARE

- Digital Baseband: DB3200, POP
- Graphics: OpenGL® ES
- Video: MPEG-4, VGA
- Imaging Signaling Processor
- Analog Baseband: AB3100
- Radio Transceiver: RF3300

U330 SYSTEM OVERVIEW



LET'S CREATE IT

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