Product Brief

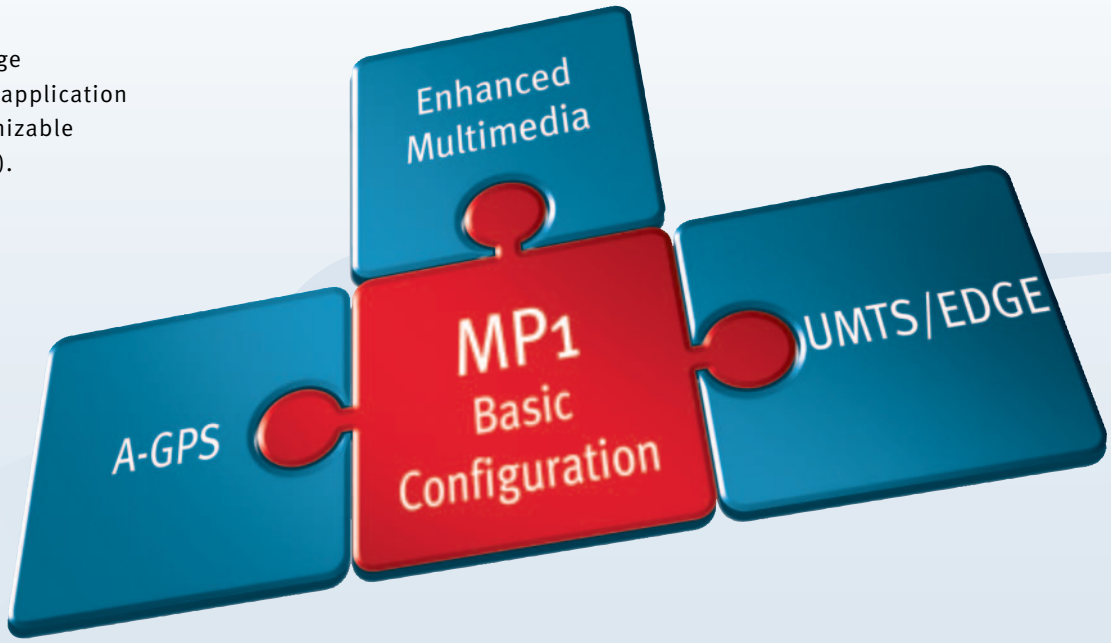
MP1

Multimedia Platform

Infineon's MP1 multimedia platform is one of the most versatile and complete system solutions available today. It allows customers to develop and market mobile phones in record time.

Our customers receive everything needed for development: a reference design including Infineon's state-of-the-art baseband, RF and power-ICs, complemented by cutting-edge protocol stacks, the APOXI™ application framework and a fully customizable Man-Machine-Interface (MMI).

Infineon's development environment offers development boards, a comprehensive tool chain and a SDK for the application framework. Customers also benefit from Infineon's extensive experience with chipsets and complete customized solutions in the mobile market.



The MP1 offers several upgrade possibilities that are ideal for building phones tailored to different market segments. The basic software and hardware platform does not change when adding options. This allows for maximum reuse during development.

www.infineon.com/mobilesolutions

Mobile Solutions

Infineon technologies

Never stop thinking.

MP1 Basic Configuration

Modem

- GSM/GPRS Quadband
- RF Band: 850/900/1800/1900 MHz
- GPRS class 10 CS 1..4
- Codecs: HR, FR, EFR, AMR
- Protocol Stack GPRS Rel 99

Supported Applications

- WAP 2.1
- Java MIDP 2.0
- MMS Rel 1.4 (OMA conf. doc 2.0)
- Sync ML 1.1
- Polyphone Ringer: 32 voices
- Video player

Connectivity

- IrDA
- USB 2.0 (OTG, full speed)
- Bluetooth
- Camera support

UMTS/EDGE Option

The UMTS option includes all features of the basic configuration plus:

- RF 3G Band UMTS FDD
  Uplink 1920-1980 MHz
  Downlink 2110- 2170 MHz
- Data 384 kbit/s UL/DL PS UMTS
  64 kbit/s UL/DL CS UMTS
  EGPRS class 10, MCS 1..9
- Stack Dual Mode Type II UE
  3GPP Rel99 March 03
- 3GPP Video conferencing, streaming
- Video recording (MP4)
- Video playback (MP4)
- Camera support up to 2 MPix
- Support of high-definition displays

Enhanced Multimedia Option

The enhanced multimedia option includes all features of the basic configuration plus:

- Video recording (MP4)
- Video playback (MP4)
- Camera support up to 2 MPix
- Video streaming
- Support of high-definition displays

A-GPS Option

The A-GPS option includes all features of the basic configuration plus:

- True indoor capability for global localizations
- Rapid times to first fix
- Leading low power requirements
- Continuous navigation capabilities
- Standards compliant using RRLP
- End to End solution including aiding data service

APOXI™ Application Framework

The APOXI™ Application Framework enables advanced graphic capabilities and includes

- A platform independent, easily reusable environment for rapid development and cost efficient solutions.
- A powerful reference MMI with a broad range of pre-integrated reference applications
- An open API to enable unlimited 3rd party applications
- APIs for SIM, NVRAM, Flash, Display, Audio, Video, Real Time Operating Systems and the TCP/UDP family
- An object-oriented framework, ideal for developing customized “Look & Feel” MMIs & applications
- Support for Java, camera, and a broad range of advanced multimedia codecs
- An innovative roadmap of advanced applications provided by a leading developer network

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