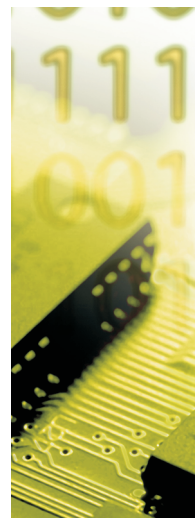




MPE406-Q



MPE406-Q

Cost Competitive HSDPA/HSUPA PCI-Express Embedded Module

Introduction to Products

The MPE406-Q PCI Express Mini Card Module offers high data rate performance to end user, the truly global coverage to the carriers and widel embedding applications to the industry. The MPE406-Q module, powered by Qualcomm6290 MSM chipset, can support HSDPA data rate of up to 7.2Mbps in downlink and HSUPA data rate of up to 5.76Mbps in uplink. The MPE406-Q module is a perfect product to embed global connectivity with UMTS band combinations of 850, 1900, and 2100MHz and GSM bands of 850, 900, 1800, and 1900MHz into laptops/PDA/MID/eBook and other mobile devices.

Features

- Supports GSM/GPRS/EDGE/UMTS/HSDPA/HSUPA
- Max. downlink speed 7.2Mbps by HSDPA category 8
- Max. uplink speed 5.76Mbps by HSUPA category 6
- Multiple band frequency support
- Global position system (GPS) support

Specification	
Dimension	51mm x 30mm x 4.5mm
Weight	12 grams
HSDPA	Downlink up to 7.2Mbps
HSUPA	Uplink up to 5.76Mbps
UMTS	Downlink/Uplink up to 384kbps
EDGE	Downlink up to 236.8kbps Uplink up to 118.4kbps
GPRS	Downlink up to 85.6kbps Uplink up to 42.8kbps
GSM	Downlink/Uplink up to 14.4kbps
RF Receiver sensitivity	-111 dBm @ WCDMA 850/900MHz -110 dBm @ WCDMA 1900/2100MHz -110 dBm @ GSM 850/900MHz -109 dBm @ GSM 1800/1900MHz
RF Transmit Power	Class 3 (24dBm) @ WCDMA 900/2100MHz Class 4 (32.5dBm) @ GSM 850/900MHz Class 1 (29.5dBm) @ GSM 1800/1900MHz
Supply Voltage	Range: 3.0 ~ 3.6V Nominal: 3.3V
Interfaces	52-pin edge connector
	USB 2.0 high speed & full speed
	Three antenna connectors (main, auxiliary, and GPS/WiFi antenna connector)
Operating Systems	Windows XP/Vista/7
	Linux with kernel version 2.6.x or later
	Mac OS
	WinCE (by demand)
	Proprietary OS (by demand)
Certifications & Approvals	FCC/CE/RoHS Compliance
	GCF/PTCRB Compliance
Additional Functionalities	Enhanced stability by receiving diversity support
	Short Message Service (SMS) Support
	Phonebook
	GPS
	WiFi
Operating Temperature	0 to 55°C
Storage Temperature	-10 to 80°C



We are Your Partner more than Business



TAIJET BOINTEC CO LTD
4F, #114, ZHOULI ST., NEIHU-TAIPEI 11493, TAIWAN
TEL: +886-2-2759-0081 EMAIL: contact@bointec.com
WWW.BOINTEC.COM

(C)BOINTEC. All rights reserved. Bointec & the Bointec logo are the trademarks of TAIJET Bointec, which may be registered in some jurisdictions. All other brands and product names are registered trademarks of their respective holders. Information supplied by Bointec is believed to be accurate and reliable. Bointec assumes no responsibility for any errors in this brochure. Bointec reserves the right, without notice, to make changes in product design or specifications.

Bointec Authorized Distributer