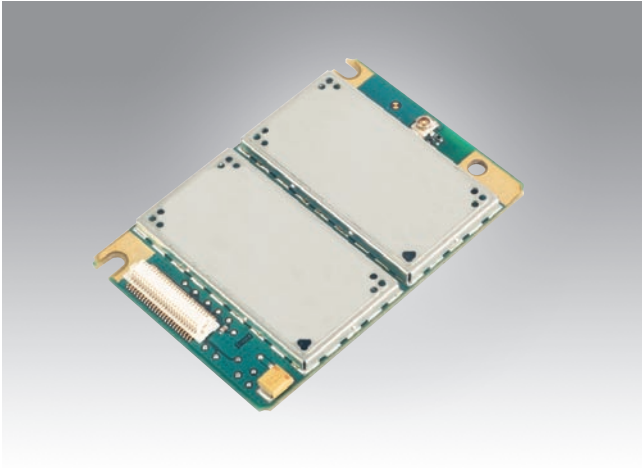


HSPA-100

Embedded HSDPA Modem



Features

- 850/1900/2100 MHz for HSDPA/UMTS Tri-band network
- 850/900/1800/1900 MHz for EDGE/GPRS/GSM network
- Embedded type high-speed modem
- HSDPA/UMTS high-speed data rate up to 3.6 Mbps
- EDGE/GPRS/GSM data rate up to 237 kbps
- USB 2.0 internal bus
- USB driver for Windows XP/Vista/WinCE 5.0, and Linux 2.6



Introduction

HSPA-100 enables the deployment across high-speed cellular networks and is designed to enhance industrial PCs with high-bandwidth long-distance communication.

Specifications

Tri-Band	UMTS/HSDPA 850/1900/2100 MHz
Quad-Band	GSM 850/900/1800/1900 MHz
Output Power	Class 4 (2 W) for GSM 850/900 Class 3 (0.25 W) for UMTS/HSDPA Class E2 (0.5 W) for EDGE 850/900 Class E2 (0.4 W) for EDGE 1800/1900 Class 1 (1 W) for GSM 1800/1900
Control Via	AT commands (Hayes 3GPP TS 27.007 and 27.005)
SIM Application	Toolkit (release 99)
Supply Voltage Range	3.2 ~ 4.2 V
Voltage Switch Off	4.3 V
Power Consumption	Power down 50 uA HSDPA @ +10dBm 420 mA
Temperature Range	Normal Operation: -20 ~ + 65° C Restricted Operation: -30 ~ + 75° C Storage: -40 ~ + 85° C
Interface	U.FL-R-SMT 50 ohm antenna connector Antenna pad Hirose 50-pin board-to-board connector
Dimensions	34 x 50 x 4.5 mm
Weight	10 g
Approval	R&TTE, GCF, CE, FCC, PTCRB, UL, IC Local approvals and network operator certifications

Packing List

Description	Quantity
Embedded HSDPA modem	x 1

Ordering Information

Part Number	Specifications
968EMC0018	Embedded HSDPA modem