



CDMA 450MHz KHD KM450 Module “L”- Band

General Description

The KM450 Module from KHD is an embedded communication module utilizing Code Division Multiple Access (CDMA) technology. It operates in the CDMA450 “L-block “ spectrum band. Module is powered by Qualcomm® MSM6800A and provides 52-pin Mini PCI Express connector for user application and two U.FL connectors for antenna diversity. Controlled by simple AT commands allows easy integration in customer project.

Features

- Easy integration
- Quick time to market
- CDMA 450MHz L-band
- CDMA2000 1xEv-Do Rev. A
- Based on Qualcomm®
- Antenna diversity
- Compact size 15 X 30 X 5mm
- Mini PCI Express



KHD

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Technical Specification

Parameter	Specification
Radio Parameters	
RF Technology	CDMA2000 1x RTT CDMA2000 1xEv-Do Rev. A
Frequency Range	Uplink: 410–415 MHz Downlink: 420–425 MHz
Sensitivity	Below –101dBm
Data Rate	Down link : 3.1Mbps Up Link : 1.8 Mbps max
Interfaces	
Mechanical Interface	52-pin Mini PCI Express connector
Application interfaces	USB PCM R-UIM
Mechanical	
Size	51.0mm×30.0mm×5.0mm
Weight	About 8g
Supply Voltage , Power consumption	
VCC	3.0~3.6V
Maximum Power Consumption	<3.3 W
Environment	
Operating temperature	-10°C to +55°C
Storage temperature	-40°C to +85°C
Operating Humidity	5%–95%
Supported standards	
IS-95 A/B, IS-98A, IS-126, IS-637A, IS-707A, IS-2000,IS-856	

