



域格信息技术有限公司

YuGe Information Technology Co.,Ltd.

CLM920_NC5

MiniPCIe Module



- Support LTE/HSPA+/TD-SCDMA/EVDO/GSM/EDGE
- Support LTE CAT4
- Support MIMO architecture antenna scheme
- Standard MiniPCIe interface
- Stable performance and high cost performance
- CCC ROHS Authentication

Address: Room 303, Building 6, Lane 88, Yuanchuanggu, Shengda Tiandi, Shengrong Road, Pudong New Area, Shanghai

Telephone: 021-50177336

Homepage: <http://www.yuge-info.com>

<http://www.yuge-info.net>

General characteristics

TDD-LTE B38/B39/B40/B41
FDD-LTE B1/B3/B5/B7/B8/B20
BAND TD-SCDMA B34/B39
UMTS/HSDPA/HSPA+ B1/B3/B5/B8
CDMA 1X/EVDO BC0
GSM/GPRS/EDGE 850/900/1800
Power supply voltage range: 3.3V~ 4.2V
Working temperature: -30 °C ~ +85 °C
3D size: 51.0mm×30.0mm×2.6mm
Antenna: MIMO 2*2,Support diversity , GNSS
Antenna
AT command: satisfy 3GPP TS27.007command

Specification details

LTE UP: 50Mbps,DL: 150Mbps
TD-SCDMA UP: 128Kbps,DL: 384Kbps
TD-HSDPA/HSUPA UL: 2.2 Mbps, DL: 2.8
Mbps HSPA+ UP:5.76 Mbps, DL: 42 Mbps
UMTS UP/DL: 384Kbps
CDMA2000/EVDO UP: 1.8 Mbps, DL: 3.1 Mbps
EDGE UP/DL: 236.8Kbps
GPRS UP/DL: 85.6Kbps
Support analog speech and VoLTE

Other characteristics

USB driver support Windows 2000/XP/7/8
Windows CE/Mobile/ Linux/Android
RIL support Android/WindowsCE/Mobie
NIDS support Windows XP/7/8/CE
Upgrade software through USB
TCP/IP/IPV4/V6 Multi-PDP, MT PDP

Electrical characteristics

output power

Class 3 (23dBm ±2dB) for LTE
Class 3 (23dBm +2/-2dB) for CDMA2000
Class 3 (24dBm +1/-3dB) for UMTS
Class 3 (24dBm +1/-3dB) for TD-SCDMA
Class E2 (27dBm ±3dB) for EDGE
850/900MHz
Class E2 (26dBm ±3dB) for EDGE 1800MHz
Class 4 (33dBm ±2dB) for GSM
850/900MHz
Class 1 (30dBm ±2dB) for GSM 1800

Sensitivity

LTE B1:-99dBm(10M)
LTE B20:-96dBm(10M)
LTE B3:-97dBm(10M)
LTE B38:-98dBm(10M)
LTE B5:-97dBm(10M)
LTE B39:-99dBm(10M)
LTE B7:-97dBm(10M)
LTE B40:-99dBm(10M)
LTE B8:-98dBm(10M)
LTE B41:-98dBm(10M)
UMTS B1:-110dBm
UMTS B3:-109dBm
UMTS B5:-110dBm
UMTS B8:-110dBm
TD-SCDMA: B39 -108.5dBm
TD-SCDMA: B34 -108.5dBm
EVDO BC0:-109 dBm
GSM 850:-110dBm
GSM 900:-110dBm
GSM 1800:-110dBm

Interface

USB 2.0
UART
PCM
SIM CARD
Analog Voice
LED_WWAN
RESET

