

CLM920_NC3

LCC Module



4G LTE CAT4



LCC



GPS/BD/GLONASS



VOLTE



Standard AT command



USB diver

Product introduction

The CLM920 NC3 module is an LCC package module. It is a wireless terminal product that integrates various network standards and GPS positioning services such as FDD-LTE/TDD-LTE/TD-SCDMA /WCDMA/EVDO/CDMA/EDGE/GSM. The module is based on Qualcomm MDM9X07 chip development, supports Cat4, uplink and downlink speeds up to 50Mbps/150Mbps, and fully supports VOLTE and SRLTE, and supports embedded operating systems such as Windows / Wince / Android / Linux.

Product advantages

- ❖ Support LTE/HSPA+/TD-SCDMA/EVDO/GSM/EDGE
- ❖ Support LTE CAT4
- ❖ Support LTE diversity antenna
- ❖ Standard LCC interface
- ❖ Stable performance and high cost performance
- ❖ CCC ROHS certification
- ❖ Wide range of application scenarios



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LCC Module

General characteristics		Electrical characteristics	
Band	TDD-LTE B38/B39/B40/B41	✧ Output Power	
	FDD-LTE B1/B3/B5/B7/B8/B20	Class 3 (23dBm ±2dB) for LTE	
	TD-SCDMA B34/B39	Class 3 (23dBm +2/-2dB) for CDMA2000	
	UMTS/HSDPA/HSPA+	Class 3 (24dBm +1/-3dB) for UMTS	
	B1/B3/B5/B8	Class 3 (24dBm +1/-3dB) for TD-SCDMA	
	CDMA 1X/EVDO BC0	Class E2 (27dBm ±3dB) for EDGE 850/900MHz	
	GSM/GPRS/EDGE 850/900/1800	Class E2 (26dBm ±3dB) for EDGE 1800MHz	
Voltage range: 3.3V~ 4.2V		Class 4 (33dBm ±2dB) for GSM 850/900MHz	
Operating temperature: -40 °C ~ +85 °C		Class 1 (30dBm ±2dB) for GSM 1800	
3D size: 32mm x 29mm x 2.4mm		✧ Sensitivity	
Antenna: Support LTE diversity antenna		LTE B1:-99dBm(10M)	LTE B20:-96dBm(10M)
AT command: Meet the 3GPP TS27.007 instruction		LTE B3:-97dBm(10M)	LTE B38:-98dBm(10M)
Specification details		LTE B5:-97dBm(10M)	LTE B39:-99dBm(10M)
		LTE B7:-97dBm(10M)	LTE B40:-99dBm(10M)
		LTE B8:-98dBm(10M)	LTE B41:-98dBm(10M)
LTE UP: 50Mbps,DL: 150Mbps		UMTS B1:-110dBm	UMTS B5:-110dBm
TD-SCDMA UP: 128Kbps,DL: 384Kbps		UMTS B3:-109dBm	UMTS B8:-110dBm
TD-HSDPA/HSUPA UL: 2.2 Mbps, DL: 2.8 Mbps		TD-SCDMA: B39 -108.5dBm	
HSPA+ UP:5.76 Mbps, DL: 42 Mbps		TD-SCDMA: B34 -108.5dBm	
UMTS UP/DL: 384Kbps		EVDO BC0:-109 dBm	
CDMA2000/EVDO UP: 1.8 Mbps, DL: 3.1 Mbps		GSM 850:-110dBm	
EDGE UP/DL: 236.8Kbps		GSM 900:-110dBm	
GPRS UP/DL: 85.6Kbps		GSM 1800:-110dBm	
Support VoLTE			
Other characteristics		Interface	
SB driver supports Windows 2000/XP/7/8		USB 2.0	SPI
Windows CE/Mobile/ Linux/Android		UART	SD CARD
RIL supports Android/WindowsCE/Mobie		PCM	
NIDS supports Windows XP/7/8/CE		SIM CARD	
Upgrade software via USB		GPIO	
TCP/IP/IPV4/V6 Multi-PDP, MT PDP		RESET	



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