




Product Name	L816-GL	L610-EU	L610-LA
Region	Global	Europe	Latin America
Picture			
<b>Basic Features</b>			
Package	LGA/M.2	LCC	LCC
LTE	Cat 1	Cat 1	Cat 1
Dimension (mm)	30.0 x 21.0 x 1.55mm	28.0 x 31.0 x 2.4	28.0 x 31.0 x 2.4
LTE FDD	B1/2/3/4/5/9/19/8/12/20	Band 1/3/7/8/20/28	Band1/2/3/4/5/7/8/28/66
LTE TDD			
WCDMA	B1/2/5/6/8		
TD-SCDMA			
EVDO			
CDMA2000 1X			
GSM/GPRS/EDGE	850/900/1800/1900MHz	900/1800MHz	GSM:Band2/3/5/8
Power Supply	3.3V ~ 4.5V(Typical 3.8V)	3.3V - 4.3V	3.3V - 4.3V
Operating Temp.	-30°C ~ +75°C	-40°C ~ +85°C	-40°C ~ +85°C
<b>Data Transmission</b>			
LTE FDD (Mbps)	10(DL)/5(UL)	10(DL)/ 5(UL)	10(DL)/ 5(UL)
LTE TDD (Mbps)			
DC-HSPA+(Mbps)			
HSPA/HSPA+(Mbps)	7.2(DL)/5.76(UL)		
UMTS(kbps)	384(DL)/384(UL)		
TD-SCDMA (Mbps)			
EVDO(Mbps)			
CDMA2000 1X(kbps)			
EDGE(Kbps)		296(DL)/236.8(UL)	296(DL)/236.8(UL)
GPRS(Kbps)	80(DL)/20(UL)	107(DL)/ 85.6(DL)	107(DL)/ 85.6(DL)
<b>Software Features</b>			
eSIM	●		
Remote SIM			
eCALL			
OpenCPU		●	●
MUX		●	●
Jamming Detection			
USSD	●		
STK	●		
LBS			
FOTA		DFOTA	DFOTA
OS Drivers	Windows/Linux/Android	Linux/Windows/Android	Linux/Windows/Android
GNSS			
MMS			
CSD			
TTS		●	●
SMS	●	●	●
Analog Audio			
Digital Audio			
Voice Code			
Audio Play/Record		●	●
Protocols	NCM/PPP	TCP/UDP(S)/HTTP(S)/FTP(S)/IPV4/IPV6/SSL/MQTT/NTP	TCP/UDP(S)/HTTP(S)/FTP(S)/IPV4/IPV6/SSL/MQTT/NTP
<b>Interfaces</b>			
SIM	x 1, 1.8V/3.0V	x 1, 1.8V/3.0V	x 1, 1.8V/3.0V
USB	●	x 1,USB2.0	x 1,USB2.0
PCIe			
UART		x 2	x 2
SPI		●	●
ADC		●	●
GPIO	●	●	●
<b>Approvals</b>			
Regulation	RoHS/CE-RED/GCF	RoHS*	RoHS*
ITA	JPA&JRF	CE*/GCF*	CE*/GCF*
Operator	Docomo		

Note: \* = Planning

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