Calliope VZ120Q Module Starter Kit

Calliope VZ120Q Module - Starter Kit

This Starter Kit enables out-of-the-box testing of Sequans' Calliope VZ120Q module connectivity on Verizon Wireless LTE network or testing equipment . It supports integration of the module with a host platform through a USB interface. Connect the Starter Kit to your Windows laptop's USB port and begin your tests by using its rich set of AT commands.
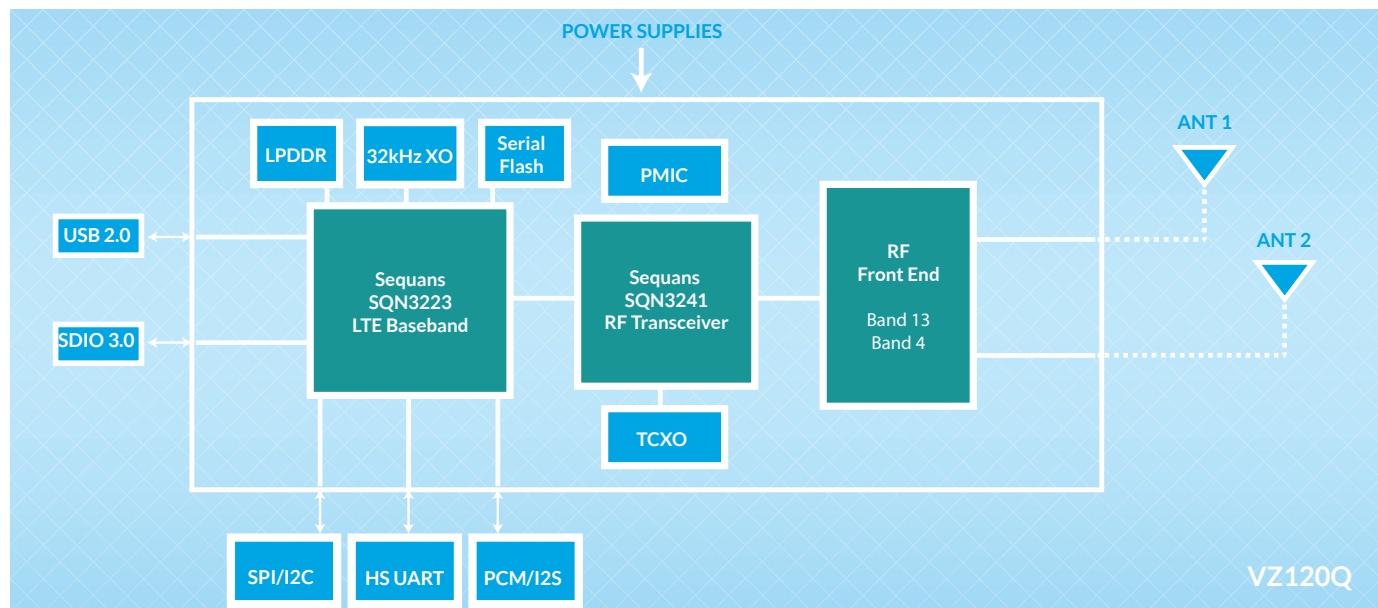
Getting started

- Install Starter Kit driver using a Windows laptop. Driver installer available here: www.sequans.com/vz120q-stk

- Screw the SMA antenna on to the Starter Kit with an SMA connector and insert a Micro SIM card (2FF) from your network provider into the SIM slot

- Connect the Starter Kit to your host through the USB interface using the provided male-male USB cable

- The Starter Kit will connect automatically to your LTE network

- Full Starter Kit documentation is available for download at www.sequans.com/vz120q-stk

Content

- The Starter Kit hosting the Calliope VZ120Q module
- USB cable to connect to the host PC
- Two antennas

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Calliope VZ120Q module block diagram

Module characteristics

LTE modem

- Certified compliant with Verizon Open Network specifications
- 20x21x1.5mm, LGA module
- Operates on FDD LTE bands 4 and 13
- 3GPP Release 10 and GCF compliant
- VoLTE ready
- Certified compliant with FCC modular requirements
- Max transmit power up to +23 dBm
- RoHS Compliant

Data Interfaces

- USB 2.0 device
- SDIO3.0 host
- SPI
- High speed UART
- PCM-TDM and I2S (audio)

Environmental

- Operating temperature: -30˚ C to +60˚ C ambient
- Storage: -40˚ C to +85˚ C

Throughput

- LTE Category 1: 10 Mbps DL / 5 Mbps UL

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