

Sequans® STMod+ cellular modem expansion board



Picture is not contractual.

Product status link

[B-CELL-GM01Q](#)

Features

- Sequans® GM01Q worldwide cellular modem module
 - LTE Cat M1 and Cat NB1
 - 300 kbps downlink, 375 kbps uplink
 - Switchable interface: SIM, eSIM, and MicroSIM
- Compatible with the STMod+ connector
- SMA connector (antenna included in the kit) for frequencies from 700 MHz to 2100 MHz
- Easy modem firmware upgrade through the dedicated Micro-B USB connector

Description

The **B-CELL-GM01Q** is an STMod+ expansion board, featuring the award-winning Sequans® Monarch-based GM01Q LTE cellular modem module.

This module supports 17 bands providing world-wide connectivity. An antenna is included in the package for direct out-of-the-box use the board. This expansion board works with any STM32-based Discovery kit that features an STMod+ connector as well as with Nucleo boards through the [X-NUCLEO-STMODA1](#) shield.

The expansion board is pre-integrated in the STM32Cube software tool suite, which provides a turnkey solution for connecting STM32-based products. With this board, developers can easily prototype their IoT applications using STMicroelectronics STM32 devices.

The **B-CELL-GM01Q** is supplied by a third party not affiliated to ST. For complete and latest information, refer to the third party web page www.sequans.com/gm01q-stmod.

1 Ordering information

To order the [B-CELL-GM01Q](#) cellular modem expansion board with antenna for LTE IoT cellular to cloud, refer to [Table 1](#).

Table 1. Available product

Order code	Feature
B-CELL-GM01Q	Sequans® GM01Q modem, STMod+, and antenna.

Revision history

Table 2. Document revision history

Date	Version	Changes
12-Feb-2019	1	Initial release.
25-Feb-2019	2	Updated <i>Description</i> .
23-Apr-2019	3	Updated the picture on the cover page.

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