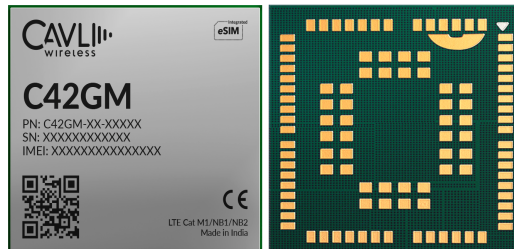# C42GM

Advanced LTE Cat M1/NB1/NB2 Module

C42GM Product Overview

C42GM is an LTE Cat M1/Cat NB2/NB1 Module that adheres to the 3GPP Release 14 specifications. With its compact form factor of 26.5 x 22.5 x 2.3 mm and ultra-low power consumption, the C42GM module is well-suited for applications with limited space and power constraints. It offers global band support, ensuring compatibility in various regions. The module also provides the option of integrated GNSS and eSIM, powered by the Cavli Hubble Global Connectivity and Device Management Platform. Its versatility makes it suitable for a wide range of applica- tions, including Asset Tracking, Vehicular Telemetry Systems, Smart Cities, Healthcare, Smart Homes, Retail, Safety Devices, as well as Industrial and Agricultural Intelligent Monitoring.

Product Name:

C42GM

Key Features

• Integrated Hubble eSIM

• Modem Intelligence Cloud

• Global GNSS Support

• Sigfox Certified NB-IoT Module

• Classic CAN Interface

• DRX & eDRX modes

Technical Specifications

Application Processor Specification: 1.5GHz, ROM: 16 MB/32 MB

Supported Brands: LTE

Communication Protocols: HTTP(S), MQTT(S), Sigfox, CAN
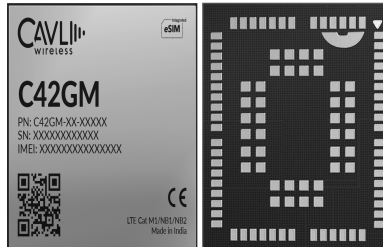
Temperature Range: -30°C to +75°C

Interfaces: 3xUART, 1xANT, 1xGNSS_ANT, 1xSDIO.

Packaging: Dimensions 26.5 x 22.5 x 2.3 mm, LGA Package

Network Speed: Up to 100 Mbps

Constellation Coverage: GPS/ BeiDou & QZSS

Power Characteristics: Voltage Range: 3.1V to 4.2V