

# Quectel Optical Communication Module



## Overview

The GNSS IoT Modules provide a compact, space-saving design. The L86 POT (Patch on Top) module includes a patch antenna and utilizes a GNSS chipset. Dual-band delivers greater accuracy, but a wide range of factors determine selection including required performance, antenna design, GNSS platform, power budget and cost – learn more in our free new white paper GNSS is no longer only for high-end machine applications, thanks to ODMs who combine. Choose from our offer of 2107 QUECTEL products in the Communication Modules category. SOS electronic is an authorized distributor of QUECTEL. Apart from the components delivery, we can also provide technical support directly from the manufacturer and samples needed for development. Mouser offers inventory, pricing, & datasheets for Quectel Wireless communication module Multiprotocol Modules. We incorporate a fully managed, end-to-end Hardware ODM service, transforming your IoT hardware vision from initial concept to globally shipped product. Our partnerships with leading contract manufacturers across the UK. Shop DigiKey's large in-stock selection of RF Transceiver Modules and Modems.



## Article Content

Quectel RF Transceiver Modules and Modems | RF and Wireless

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Kyocera Develops Pluggable Optoelectronic Module

Kyocera Corporation (President: Hideo Tanimoto, hereinafter "Kyocera") is pleased to announce the development of a pluggable

Quectel Revolutionizes Short-Range Communication

"We're aiming to redefine the landscape of short-range communication technology with this range of five different modules," commented

Product selector | IoT modules and antennas

View our vast range of IoT modules and antennas by technology, form factor, mounting type, placement and region

New Product Intro: CC200A-LB satellite communication module

Quectel's CC200A-LB is a satellite communication module designed to provide communications in remote areas without cellular network coverage. It provides reliable global connectivity over the

LTE SC200J smart module series | Quectel

SC200J is a series of Quectel's new generation of multi-mode smart LTE Cat 4 modules with built-in Android OS.

CC200A-LB satellite communication module

Satellite communication module for industrial asset-tracking applications such as transport, maritime, mining, oil & gas, and agriculture.

Smart IoT Modules

Multiple antennas at the receiver end simultaneously and on the same frequency band reduce errors and optimize data speed. The modules

Communication Modules QUECTEL | SOS electronic

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GNSS IoT Modules

The Quectel GNSS IoT Modules are compatible with many applications, including machine-to-machine (M2M), portable devices, automotive, security, and

[Quectel\\_5G& LTE-Advanced\\_Module\\_Product\\_Overview\\_V7](#)

Frequency from 600 MHz to 40 GHz can be supported by 5G Network. MIMO (Multi-In Multi-Out) technology applied to both base station and end device guarantees both enhanced throughput rate

[Quectel Mobilfunk-Module bestellen | MC Technologies](#)

Wir bei MC Technologies sind bereit, Ihre Anforderungen zu verstehen und Ihnen bei der Auswahl der richtigen Quectel-Produkte zu helfen. Kontaktieren Sie uns noch heute, um weitere Informationen zu

[Quectel announces CC200A-LB satellite module for IoT industries](#)

Embedded World, Nuremburg, 15 March 2023 – Quectel Wireless Solutions, a global IoT solutions provider, today announces the launch of the CC200A-LB satellite module for IoT industries,

[Quectel IoT Modules: Secure Connectivity Solutions](#)

Quectel modules offer a wide range of features, including advanced wireless technologies, compact designs, multiple UART, USB and SPI interfaces, Wi-Fi,

[Quectel Landing Page](#)

[4G IoT Module](#) [3G IoT Module](#) [2G IoT Module](#) [Automotive IoT Module](#) [Smart IoT Module](#) [LPWA IoT Module](#) [GNSS IoT Module](#) [Short Range Module](#) [EVB Kits](#) [Compatible Designs](#)

[Quectel Wireless communication module Multiprotocol Modules](#)

Quectel Wireless communication module Multiprotocol Modules are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for Quectel Wireless communication module

[Quectel Communication Module List](#)

This is a list of Quectel's communication modules (3G/4G/5G). We also introduce points to consider when selecting a module.

[Optical Communication Industry Trends 2026: AI, 800G/1.6T Optical ...](#)

Explore optical communication industry trends in 2026, driven by AI infrastructure, 800G and 1.6T optical modules, silicon photonics, and next-generation data center connectivity solutions.

[Quectel\\_BG95-S5\\_Satellite\\_Communication\\_Module](#)

3GPP NTN Satellite Communication Module BG95-S5 is a 3GPP NTN (Non-Terrestrial Network) satellite communication module which supports 3GPP Rel-17 (IoT-NTN) at S-band (B256/

Quectel unveils five advanced Wi-Fi and Bluetooth

Introducing the latest innovation in short-range communication technology, Quectel Wireless Solutions, a global IoT solutions provider, has

Samsung Foundry Reportedly Wins Optical Module Order,

As a result, optical transmission technologies are becoming increasingly important. TrendForce forecasts that co-packaged optics (CPO) will steadily increase their share of optical

Quectel Takes on Terrestrial and Satellite

Quectel Wireless Solutions has announced a pair of new communications modules aimed at the Internet of Things (IoT), one working terrestrially and the other

Automotive modules: Overview | Quectel

Quectel is a leading supplier to the automotive industry, providing durable, compliant and reliable automotive modules to enable the new generation of smart vehicles. For applications in driver

Five Quectel modules enable wifi and Bluetooth

Quectel has unveiled five modules to transform IoT through seamless wifi and Bluetooth connectivity. "We're aiming to redefine the

Ultra-compact satellite communication module combines 5G & NTN

Quectel launched the Quectel BG770A-SN ultra-compact 5G-ready satellite communication module. Compliant with 3GPP releases 13, 14 and 17, the module supports the LTE

Smart modules: Overview | Quectel

Smart IoT modules bring together previously separate functionalities - for instance computing, graphics processing, data storage and connectivity - into single,

## Contact Us

For more information, pricing, or custom solutions, please contact us:

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