

QT7510X

RF Transceiver, 5x5, 5 GHz, WiFi 6

Product Overview

For complete documentation, see the data sheet.

The QT7510X is a 5 GHz RF Transceiver chip that supports 802.11ax/ac/n/a 5x5 MIMO for best in class performance. Coupled with baseband processors from QSR5G-AX family, QT7510X offers the world's fastest and highest performance WiFi solution. QT7510X is the best choice for service providers deploying their next generation WiFi access points and gateways. This allows enhanced performance and reliability for the delivery of mission critical services over WiFi.

Features

- 5Tx/5Rx Chains to Support True 5x5 MIMO System
- 5 GHz Operation Mode
- Supports 20/40/80/160 MHz Bandwidth in 5 GHz System

Applications

- DBDC Gateway
- Access Point
- Repeater



Benefits

- Best in class performance
- RF chip that supports WiFi 6

End Products

- WiFi Router
- Mesh Repeater
- WiFi Extender

Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Wi-Fi Standard	MIMO	Band Support (GHz)	Application	Chipset	Package Type
QT7510X		 	Active	WiFi 6	5x5	5	DBDC Gateway, AP, Repeater	QCS-AX-D7 / QCS-AX-D9	FCBGA-225