

Product Overview

QT7810C: RF Transceiver, 8x8, 5 GHz, WiFi 5

For complete documentation, see the data sheet.

The QT7810C is a 5 GHz RF Transceiver chip that supports 802.11ax/ac/n/a 8x8 MIMO for best in class performance. Coupled with baseband processors from QSR10G family, QT7810C offers the fastest and highest performance WiFi solution. QT7810C 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

- 8Tx/8Rx Chains to Support True 8x8 MIMO System
- 5 GHz Operation Mode
- Supports 20/40/80/160 MHz Bandwidth in 5 GHz System
- IEEE 802.11ax/ac/n/a Compliant

Applications

- DBDC Gateway
- Access Point
- Repeater

Benefits

- Best in class performance
- RF chip that supports WiFi 5

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
QT7810C		Pb-free Halide free non AEC-Q and PPAP	Active	WiFi 5	8x8	5	DBDC Gateway, AP, Repeater	QSR10GA / QSR10GU	FCBGA-225

For more information please contact your local sales support at www.onsemi.com.

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