



## QT7810X

### RF Transceiver, 8x8, 5 GHz, WiFi 6

The QT7810X 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 QSR10GU-AX family, QT7810X offers the world's fastest and highest performance WiFi solution. QT7810X 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.

- 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
- Best in class performance
- RF chip that supports WiFi 6
- DBDC Gateway
- Access Point
- Repeater
- WiFi Router
- Mesh Repeater
- WiFi Extender

|         | Pricing (\$/Unit) | Compliance  | Status | Wi-Fi Standard | MIMO | Band Support (GHz) | Application                | Chipset    | Package Type |
|---------|-------------------|---|--------|----------------|------|--------------------|----------------------------|------------|--------------|
| QT7810X |                   |   | Active | WiFi 6         | 8x8  | 5                  | DBDC Gateway, AP, Repeater | QCS-AX-D12 | FCBGA-225    |