

製品概要

QT62312: Baseband Chip, Wi-Fi 6, Tri-Band Tri-Concurrent, 12-Stream

技術情報は、データシートをご参照ください。

The QT62312 baseband chip supports 4x4:4ss+4x4:4ss+4x4:4ss tri-band tri-concurrent Wi-Fi 6 solutions. It supports precedent 9.75Gbps PHY rate. It provides a full offloading architecture and flexible interfaces to work with varieties of network processors, gateway SoCs to address a broad spectrum of applications in carrier, service provider, enterprise, industrial and retail market.

特長

- 4x4:4ss+4x4:4ss+4x4:4ss tri-band tri-concurrent configurations
- Up to 8.6 Gbps PHY/Data Link Speed for UNII (1-8) bands
- Bandwidth: 20 MHz, 40 MHz, 80 MHz, 160 MHz
- Support Wi-Fi full offloading with zero memory and zero CPU intervention on host processor
- Flexible host interfaces support various combinations of PCIe 3.0 x2/1, XFI, RXAUI, SGMII+, SGMII, RGMII

アプリケーション

- Carrier/Service Provider
- Enterprise
- Fixed Wireless Access
- Industrial
- Retail

利点

- Highly integrated 4x4:4ss 6GHz + 4x4:4ss 5GHz + 4x4:4ss 2.4GHz tri-band tri-concurrent to boost capacity, throughput and range
- Support all UNII bands (1~8), typical configurations with tri-band (6/5/2.4 GHz) or tri-band (5/5/2.4 GHz) per regulation in different countries
- 10Gbps highest performance WLAN solutions
- Minimum host CPU load and memory utilization
- Flexible interfaces with varieties of host processors

最終製品

- Gateways
- Routers
- Mesh Nodes/Repeaters

電気的仕様

製品	Pricing (\$/Unit)	Compliance	Status	Wi-Fi Standard	MIMO	Band Support (GHz)	Application	Chipset	Package Type
QT62312		non AEC-Q and PPAP	Active	WiFi 6	4x4 + 4x4 + 4x4	2.4 / 5 / 6	Access Point, Gateway, Router	QCS-AX2-T12	

詳細は、弊社 www.onsemi.jp の営業または販売代理店にお問い合わせください。

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