

製品概要

QT62308: Baseband Chip, Wi-Fi 6, Tri-Band Tri-Concurrent, 8-Stream

技術情報は、データシートをご参照ください。

The QT62308 baseband IC supports 4x4:4ss + 2x2:2ss + 2x2:2ss tri-band tri-concurrent Wi-Fi 6 solutions. It provides complete solutions for full-fledged repeater and light-featured mesh node with no need of external CPUs. 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 + 2x2:2ss + 2x2:2ss tri-band tri-concurrent configurations
- Support WiFi full offloading with zero memory and zero CPU intervention on host processor
- Up to 8.6 Gbps PHY/Data Link Speed for UNII (1-8) bands
- Flexible host interfaces support various combinations of PCIe 3.0 x2/1, XFI, RXAUI, SGMII+, SGMII, RGMII
- Flexible interfaces to external Ethernet PHYs, XFI, RXAUI, SGMII+, SGMII, RGMII

利点

- Highly integrated 4x4:4ss+2x2:2ss+2x2:2ss tri-band tri-concurrent WiFi 6 solutions for mainstream router, mesh node, repeater and access point applications
- Complete solutions for full-fledged repeater and light-featured mesh node, without need for external CPU
- 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
- Minimum host CPU load and memory utilization
- Flexible interfaces with varieties of host processors

アプリケーション

- Carrier/Service Provider
- Enterprise
- Retail
- Industrial

最終製品

- Routers
- Gateways
- Mesh Nodes/Repeaters

電氣的仕様

製品	Pricing (\$/Unit)	Compliance	Status	Wi-Fi Standard	MIMO	Band Support (GHz)	Application	Chipset	Package Type
QT62308		non AEC-Q and PPAP	Active	WiFi 6	2x2 + 2x2 + 4x4 / 2x2 + 4x4 + 2x2 / 2x2 + 3x3 + 3x3	2.4 / 5 / 6	Access Point, Gateway, Router	QCS-AX2-T8	

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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