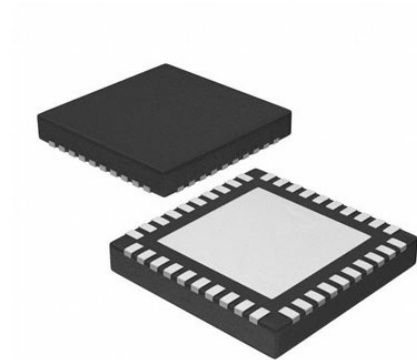


Manufacturers	<a href="#">Infineon Technologies Corporation</a>
Package/Case	PG-VQFN-40
Product Type	
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for CYW20721B2KUMLG or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

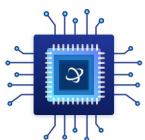
## General Description

Bluetooth portfolio consists of Bluetooth Low Energy (BLE)-only and dual-mode Bluetooth solution that supports Bluetooth Classic i.e. Basic Rate (BR) and Enhanced Data Rate (EDR) as well as BLE. Bluetooth Low Energy (BLE) portfolio consists of WICED SMART, PSoC 4 BLE and PSoC 6 BLE System-on-Chip (SoC) devices and System-in-Package (SiP) modules. The dual-mode Bluetooth portfolio includes Bluetooth 5.0 core specification-compliant, BR + EDR + BLE devices and modules that integrate Bluetooth standard profiles and protocols for embedded applications. All of Bluetooth Modules are fully integrated, fully certified, programmable modules designed for ease-of-use and reducing time-to-market.

latest, CYW20819, is a best-in-class Bluetooth 5 single-chip solution targeted at Bluetooth Mesh, audio, voice, wearables, mice, keyboards, gaming consoles, remote controls, home automation, and a wide range of other Internet of Things (IoT) applications. The CYW20819 fully implements the Bluetooth Mesh 1.0 specification, and employs the highest level of integration to eliminate external components, allowing device makers to reduce product footprints and slash costs.

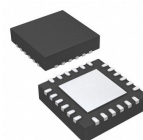
The CYW20819 integrates Ultra-Low Power (ULP) BLE along with the capability to add audio functionality to enhance the user experience for wearables and trackers. It also provides best-in-class receiver sensitivity for both BLE and EDR. Using advanced design techniques and process technology to reduce active and idle power, the CYW20819 also addresses the needs of a diverse class of low power Bluetooth 5-enabled devices that require minimal power consumption and compact size.

## Related Products



[CY8C624ABZI-S2D44](#)

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[CYPD3196-24LDXS](#)

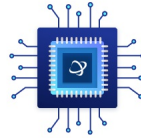
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PG-VQFN-24



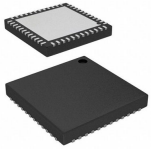
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PG-LQFP-100



[CY8C68237FM-BLE](#)

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SG-WFWLB-104



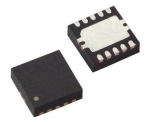
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PG-VQFN-48



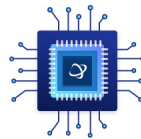
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[CY8C6347LQI-BLD52](#)

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PG-VQFN-68



[CY8C6247FDI-D02T](#)

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