Infineon AIROC™ Wi-Fi and Bluetooth® IoT partner module selector guide

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Table of contents

Infineon AIROC™ Wi-Fi and Bluetooth® IoT partner module selector guide (Chapters)

1. Infineon AIROC™ Wi-Fi and Bluetooth® wireless connectivity 3
2. Infineon IoT software solutions 4
3. Wi-Fi 6/6E (802.11ax) + Dual-Mode Bluetooth® combo partner module portfolio 5
4. Wi-Fi 5 (802.11ac) + Dual-Mode Bluetooth® combo partner module portfolio 10
5. Wi-Fi 4 (802.11n) + Dual-Mode Bluetooth® combo partner module portfolio 14
6. Wi-Fi Connected MCU partner module portfolio 17
7. Bluetooth® & Bluetooth® Low Energy (Dual-Mode) partner module portfolio 19

Infineon AIROC™ Wi-Fi and Bluetooth® wireless connectivity

Delivering differentiated capabilities purpose-built for the IoT

Industry's broadest portfolio of Wi-Fi and Wi-Fi + Bluetooth® combo devices

- Infineon has the ideal Wi-Fi solution for any application providing both single- and dual-band 802.11n/ac/ax SISO and MIMO devices
- Infineon provides Wi-Fi + Bluetooth® combo chipsets – integrating our world-class Wi-Fi with powerful Bluetooth®/ Bluetooth® Low Energy to ease onboarding of cloud-connected IoT devices via a mobile app
- Infineon provides AIROC™ Wi-Fi connectivity processors and PSOC™ Bluetooth® MCUs with Bluetooth® Low Energy

Reliable

- More than 1 billion Wi-Fi devices in the field
- High-performance RF architecture provides longer range and better interference rejection

Low power

- Ultra low power – very low sleep, transmit, and receive current
- Continuous improvements to battery life via a unique visibility into real-world power consumption

Secure

- Most widely vetted Wi-Fi / Bluetooth® devices on the market, with security researchers extensively focused on Infineon
- Deep domain knowledge and processes to help customers secure products throughout the lifecycle

Infineon wireless module partner ecosystem

Our global partner ecosystem enables development of IoT applicationson time, on budget, and with minimized risk.

Hardware – Avoid complicated and costly chip-down designs with a pre-built wireless module providing multiple antenna options and services

Software – Take advantage of pre-configured connectivity software for common MPUs, operating systems, and development tools

Certifications – Don't worry about multiple global regulatory bodies with full modular and reference-certified RF modules (CE, IC, FCC, etc.)

Support – Get to production with partner support and services including antenna and plastics design, EMC testing, and more

muRata INNOVATOR IN ELECTRONICS · AzureWave · ezurio · u-blox · Inventek Systems Embedding Connectivity Everywhere · LANTRONIX CONNECT SMART. DO MORE. · USI · QUECTEL Build a Smarter World

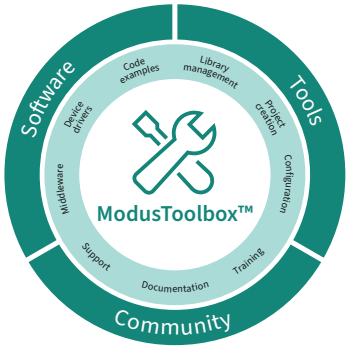
Infineon IoT software solutions

Infineon provides reliable and consistently updated software development platforms for flexible and rapid development of your connected product.

Solutions for RTOS designs

Infineon delivers compute, connectivity, and HMI capabilities in a single unified platform: The ModusToolbox™ software environment.

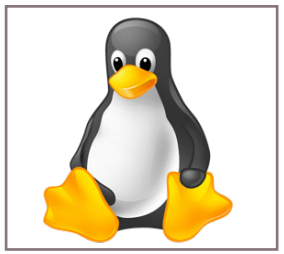
- ModusToolbox™ is a set of multi-platform tools and a suite of middleware libraries enabling industry-leading feature-sets like CAPSENSE™ capacitive-sensing, mesh, and system power optimization
- Enables an immersive development experience for Infineon MCU and wireless devices. You can use our Eclipse IDE for ModusToolbox™, or 3rd-party IDEs such as Visual Studio Code, IAR Embedded Workbench, and Keil µVision
- Extensive support for 3rd-party cloud ecosystems including our own cloud management solution using the ultra-low-power AIROC™ Wi-Fi connectivity processors



Solutions for Linux/Android designs

Delivering integrated wireless products for Linux and Android designs.
Infineon partners with the open-source community to provide quality and secure connectivity.

- ModusToolbox™ Enabling a broad set of Wi-Fi and Bluetooth®/ Bluetooth® LE advanced feature sets for a wide variety of designs
- Supporting the latest Linux and Android distributions along with backward-compatibility for previous versions
- Infineon RF and regulatory tools bring your Linux- or Android-based prototype to production faster than ever



Wi-Fi 6/6E (802.11ax) + Dual-Mode Bluetooth® combo partner module portfolio

Wi-Fi/ Bluetooth® PN	Wi-Fi Specification	Partner	PN Module	Wi-Fi Band	WLAN Stream	Bluetooth ®/ Bluetooth ® Low Energy Specification	Dim (xyz-mm)	Op. Temp (°C)	Regulatory	Type	Package	Antenna	Wi-Fi Interface	Bluetooth ® Interface
CYW55533	Wi-Fi 6/6E (802.11ax)	Azurewave	AW-XM664-SD	2.4/5/6 GHz	1T1R	N/A	12 x 12 x 1.65	-40 to +85	TBD	SMD	LGA	RF pad	SDIO	N/A
CYW55533	Wi-Fi 6/6E (802.11ax)	Azurewave	AW-XM664-USB	2.4/5/6 GHz	1T1R	N/A	12 x 12 x 1.65	-40 to +85	TBD	SMD	LGA	RF pad	USB	N/A
CYW55571	Wi-Fi 6/6E (802.11ax)	Azurewave	AW-XB325MA-PUR	2.4/5/6 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.3	22 x 30 x 2.11	-40 to +85	FCC	M.2 plug-in	E-key 2230	Ext. antenna by MHF4 connectors	PCIe	UART, I²S, PCM
CYW55571	Wi-Fi 6/6E (802.11ax)	Azurewave	AW-XB325MA-SUR	2.4/5/6 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.3	22 x 30 x 2.11	-40 to +85	FCC	M.2 plug-in	E-key 2230	Ext. antenna by MHF4 connectors	SDIO	UART, I²S, PCM
CYW55571	Wi-Fi 6/6E (802.11ax)	Azurewave	AW-XH325-PUR	2.4/5/6 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.3	10 x 10 x 1.26	-40 to +85	FCC	SMD	SiP	RF pad	PCIe	UART, I²S, PCM
CYW55571	Wi-Fi 6/6E (802.11ax)	Azurewave	AW-XH325-SUR	2.4/5/6 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.3	10 x 10 x 1.26	-40 to +85	FCC	SMD	SiP	RF pad	SDIO	UART, I²S, PCM
CYW55571	Wi-Fi 6/6E (802.11ax)	Azurewave	AW-XM632-PUR	2.4/5/6 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.3	10 x 10 x 1.26	-40 to +85	TBD	SMD	LGA	RF pad	PCIe	UART, I²S, PCM
CYW55571	Wi-Fi 6/6E (802.11ax)	Azurewave	AW-XM632-SUR	2.4/5/6 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.3	10 x 10 x 1.26	-40 to +85	TBD	SMD	LGA	RF pad	SDIO	UART, I²S, PCM
CYW55571	Wi-Fi 6/6E (802.11ax)	Azurewave	AW-XM632-SURX	2.4/5/6 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.3	10 x 10 x 1.26	-40 to +85	TBD	SMD	LGA	RF pad	SDIO	UART, I²S, PCM
CYW55571	Wi-Fi 6/6E (802.11ax)	Murata	LBEE5V2EC-001	2.4/5/6 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.3	12.5 x 9.4 x 1.2	-40 to +85	FCC, IC, CE, & TELEC	SMD	LGA	Dipole ANT, monopole Trace ANT	SDIO, PCIe	UART, I²S, PCM
CYW55573	Wi-Fi 6/6E (802.11ax)	Azurewave	AW-XB583MA-PUR	2.4/5/6 GHz	2T2R	Bluetooth®/ Bluetooth® LE 5.3	22 x 30 x 2.11	-40 to +85	FCC	M.2 plug-in	E-key 2230	Ext. Antenna by MHF4 connectors	PCIe	UART, I²S, PCM
CYW55573	Wi-Fi 6/6E (802.11ax)	Azurewave	AW-XB583MA-SUR	2.4/5/6 GHz	2T2R	Bluetooth®/ Bluetooth® LE 5.2	22 x 30 x 2.11	-40 to +85	FCC	M.2 plug-in	E-key 2230	Ext. Antenna by MHF4 connectors	SDIO	UART, I²S, PCM
CYW55573	Wi-Fi 6/6E (802.11ax)	Azurewave	AW-XH323-PUR	2.4/5/6 GHz	2T2R	Bluetooth®/ Bluetooth® LE 5.3	10 x 10 x 1.26	-40 to +85	FCC	SMD	SiP	RF pad	PCIe	UART, I²S, PCM
CYW55573	Wi-Fi 6/6E (802.11ax)	Azurewave	AW-XH323-SUR	2.4/5/6 GHz	2T2R	Bluetooth®/ Bluetooth® LE 5.3	10 x 10 x 1.26	-40 to +85	FCC	SMD	SiP	RF pad	SDIO	UART, I²S, PCM
CYW55573	Wi-Fi 6/6E (802.11ax)	Azurewave	AW-XM643-PUR	2.4/5/6 GHz	2T2R	Bluetooth®/ Bluetooth® LE 5.3	13 x 15 x 2.25	-40 to +85	TBD	SMD	LGA	RF pad	PCIe	UART, I²S, PCM
CYW55573	Wi-Fi 6/6E (802.11ax)	Azurewave	AW-XM643-SUR	2.4/5/6 GHz	2T2R	Bluetooth®/ Bluetooth® LE 5.3	13 x 15 x 2.25	-40 to +85	TBD	SMD	LGA	RF pad	SDIO	UART, I²S, PCM

Wi-Fi 6/6E (802.11ax) + Dual-Mode Bluetooth® combo partner module portfolio

Wi-Fi/ Bluetooth® PN	Wi-Fi Specification	Partner	PN Module	Wi-Fi Band	WLAN Stream	Bluetooth ®/ Bluetooth ® Low Energy Specification	Dim (xyz-mm)	Op. Temp (°C)	Regulatory	Type	Package	Antenna	Wi-Fi Interface	Bluetooth ® Interface
CYW55573	Wi-Fi 6/6E (802.11ax)	Embedded Artists	EAR00413	2.4/5/6 GHz	-	Bluetooth®/ Bluetooth® LE 5.3	22 x 44 x 1.5	-	Refer to LBEE5XV2EA	M.2 plug-in	E-key 2244	Integrated trace antenna	-	-
CYW55573	Wi-Fi 6/6E (802.11ax)	Ezurio	453-00117C	2.4/5/6 GHz	-	Bluetooth®/ Bluetooth® LE 5.4	13 x 18 x 1.9	-40 to +85	FCC, ISED, CE, UKCA, MIC, & Bluetooth® SIG	SMD	M.2 1318 SMT	MHF4 antenna (Cut Tape)	SDIO, PCIe	UART, I²S, PCM
CYW55573	Wi-Fi 6/6E (802.11ax)	Ezurio	453-00117R	2.4/5/6 GHz	2T2R	Bluetooth®/ Bluetooth® LE 5.4	13 x 18 x 1.9	-40 to +85	FCC, ISED, CE, UKCA, MIC, & Bluetooth® SIG	SMD	M.2 1318 SMT	MHF4 antenna (Tape & Reel)	SDIO, PCIe	UART, I²S, PCM
CYW55573	Wi-Fi 6/6E (802.11ax)	Ezurio	453-00118C	2.4/5/6 GHz	2T2R	Bluetooth®/ Bluetooth® LE 5.4	13 x 18 x 1.9	-40 to +85	FCC, ISED, CE, UKCA, MIC, & Bluetooth® SIG	SMD	M.2 1318 SMT	RF Trace antenna (Cut Tape)	SDIO, PCIe	UART, I²S, PCM
CYW55513	Wi-Fi 6/6E (802.11ax)	Azurewave	AW-XM606	2.4/5/6 GHz	2T2R	Bluetooth®/ Bluetooth® LE 5.4	12 x 12 x 1.21	-40 to +85	TBD	SMD	LGA	RF pad	SDIO	UART, PCM
CYW55513	Wi-Fi 6/6E (802.11ax)	Embedded Artists	EAR00511	2.4/5/6 GHz	-	Bluetooth®/ Bluetooth® LE 5.4	22 x 30 x 1.5	-	Refer to LBEE5HY2FY	M.2 plug-in	E-key 2230	u.fl	-	-
CYW55513	Wi-Fi 6/6E (802.11ax)	Ezurio	453-00184C	2.4/5/6 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.4	12 x 16 x 1.9	-40 to +85	FCC, ISED, CE, UKCA, MIC, & Bluetooth® SIG	SMD	M.2 1216 SMT	MHF4L antenna (Cut Tape)	SDIO	UART, SDIO, SPI
CYW55513	Wi-Fi 6/6E (802.11ax)	Ezurio	453-00184R	2.4/5/6 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.4	12 x 16 x 1.9	-40 to +85	FCC, ISED, CE, UKCA, MIC, & Bluetooth® SIG	SMD	M.2 1216 SMT	MHF4L antenna (Tape & Reel)	SDIO	UART, SDIO, SPI
CYW55513	Wi-Fi 6/6E (802.11ax)	Ezurio	453-00185C	2.4/5/6 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.4	12 x 16 x 1.9	-40 to +85	FCC, ISED, CE, UKCA, MIC, & Bluetooth® SIG	SMD	M.2 1216 SMT	RF Trace antenna (Cut Tape)	SDIO	UART, SDIO, SPI
CYW55513	Wi-Fi 6/6E (802.11ax)	Ezurio	453-00185R	2.4/5/6 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.4	12 x 16 x 1.9	-40 to +85	FCC, ISED, CE, UKCA, MIC, & Bluetooth® SIG	SMD	M.2 1216 SMT	RF Trace antenna (Tape & Reel)	SDIO	UART, SDIO, SPI
CYW55513	Wi-Fi 6/6E (802.11ax)	Ezurio	453-00186	2.4/5/6 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.4	22 x 30 x 2.7	-40 to +85	FCC, ISED, CE, UKCA, MIC, RCM, Bluetooth® SIG	M.2 plug-in	E-key 2230	MHF4L antenna (Carton)	SDIO	UART, I²S, PCM
CYW55513	Wi-Fi 6/6E (802.11ax)	Ezurio	453-00186-K1	2.4/5/6 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.4	22 x 30 x 2.7	-40 to +85	FCC, ISED, CE, UKCA, MIC, RCM, Bluetooth® SIG	DVK	M.2 plug-in	1x MHF4L connector	-	-
CYW55513	Wi-Fi 6/6E (802.11ax)	Ezurio	453-00193C	2.4/5/6 GHz	1T1R (Diversity)	Bluetooth®/ Bluetooth® LE 5.4	12 x 16 x 1.9	-40 to +85	FCC, ISED, CE, UKCA, MIC, & Bluetooth® SIG	SMD	M.2 1216 SMT	2x MHF4L antenna	SDIO	UART, SDIO, SPI
CYW55513	Wi-Fi 6/6E (802.11ax)	Ezurio	453-00193R	2.4/5/6 GHz	1T1R (Diversity)	Bluetooth®/ Bluetooth® LE 5.4	12 x 16 x 1.9	-40 to +85	FCC, ISED, CE, UKCA, MIC, & Bluetooth® SIG	SMD	M.2 1216 SMT	2x MHF4L antenna	SDIO	UART, SDIO, SPI
CYW55513	Wi-Fi 6/6E (802.11ax)	Ezurio	453-00194C	2.4/5/6 GHz	1T1R (Diversity)	Bluetooth®/ Bluetooth® LE 5.4	12 x 16 x 1.9	-40 to +85	FCC, ISED, CE, UKCA, MIC, & Bluetooth® SIG	SMD	M.2 1216 SMT	2x Trace pin	SDIO	UART, SDIO, SPI
CYW55513	Wi-Fi 6/6E (802.11ax)	Ezurio	453-00194R	2.4/5/6 GHz	1T1R (Diversity)	Bluetooth®/ Bluetooth® LE 5.4	12 x 16 x 1.9	-40 to +85	FCC, ISED, CE, UKCA, MIC, & Bluetooth® SIG	SMD	M.2 1216 SMT	2x Trace pin	SDIO	UART, SDIO, SPI

Wi-Fi 6/6E (802.11ax) + Dual-Mode Bluetooth® combo partner module portfolio

Wi-Fi/ Bluetooth® PN	Wi-Fi Specification	Partner	PN Module	Wi-Fi Band	WLAN Stream	Bluetooth ®/ Bluetooth ® Low Energy Specification	Dim (xyz-mm)	Op. Temp (°C)	Regulatory	Type	Package	Antenna	Wi-Fi Interface	Bluetooth ® Interface
CYW55513	Wi-Fi 6/6E (802.11ax)	Ezurio	453-00195	2.4/5/6 GHz	1T1R (Diver-sity)	Bluetooth®/ Bluetooth® LE 5.4	22 x 30 x 2.7	-	FCC, ISED, CE, UKCA, MIC, RCM, & Bluetooth® SIG	M.2 plug-in	E-key 2230	MHF4L antenna (Carton)	SDIO	UART, I²S, PCM
CYW55513	Wi-Fi 6/6E (802.11ax)	Ezurio	453-00195-K1	2.4/5/6 GHz	1T1R (Diver-sity)	Bluetooth®/ Bluetooth® LE 5.4	22 x 30 x 2.7	-40 to +85	FCC, ISED, CE, UKCA, MIC, RCM, & Bluetooth® SIG	DVK	E-key 2230	2x MHF4L conector (antenna diversity)	-	-
CYW55513	Wi-Fi 6/6E (802.11ax)	Murata	LBEE5H2FY-922	2.4/5/6 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.4	7.9 x 7.3 x 1.1	-40 to +85	FCC, IC, CE, & TELEC(Planning)	SMD	LGA	Dipole ANT, monopole trace ANT(planning)	SDIO	UART, I²S, PCM
CYW55513	Wi-Fi 6/6E (802.11ax)	Quectel	FCS963N-LP	2.4/5/6 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.4	12 x 12 x 1.55	-40 to +85	China (SRRC), FCC, CE IC, & RCM (planning)	SMD	LCC stamp	1 x 1	SDIO, QSPI	UART, PCM
CYW55513	Wi-Fi 6/6E (802.11ax)	u-blox	EVK-MAYA-W381	2.4/5/6 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.4	10.4 x 14.3 x 1.9	-40 to +85	FCC, ISED, CE, UKCA, MIC, & Bluetooth® SIG (in dev)	EVK	EVK	2 antenna pins	-	-
CYW55513	Wi-Fi 6/6E (802.11ax)	u-blox	EVK-MAYA-W386	2.4/5/6 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.4	10.4 x 14.3 x 1.9	-	FCC, ISED, CE, UKCA, MIC, & Bluetooth® SIG (in dev)	EVK	EVK	Embedded antenna	SDIO, GSPI	UART, SDIO, SPI
CYW55513	Wi-Fi 6/6E (802.11ax)	u-blox	M2-MAYA-W383-00C	2.4/5/6 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.4	22 x 30 x 1.5	-40 to +85	Refer to MAYA-W383	M.2 plug-in	E-Key 2230	u.fl	SDIO, GSPI	UART, SDIO, SPI
CYW55513	Wi-Fi 6/6E (802.11ax)	u-blox	MAYA-W381	2.4/5/6 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.4	10.4 x 14.3 x 1.9	-40 to +85	FCC, ISED, CE, UKCA, MIC, & Bluetooth® SIG (in dev)	SMD	LGA	2 antenna pins	SDIO, GSPI	UART, SDIO, SPI
CYW55513	Wi-Fi 6/6E (802.11ax)	u-blox	MAYA-W383	2.4/5/6 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.4	10.4 x 14.3 x 1.9	-40 to +85	FCC, ISED, CE, UKCA, MIC, & Bluetooth® SIG (in dev)	SMD	LGA	Single antenna pin	SDIO, GSPI	UART, SDIO, SPI
CYW55513	Wi-Fi 6/6E (802.11ax)	u-blox	MAYA-W386	2.4/5/6 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.4	10.4 x 14.3 x 1.9	-40 to +85	FCC, ISED, CE, UKCA, MIC, & Bluetooth® SIG (in dev)	SMD	LGA	PCB antenna	SDIO, GSPI	UART, SDIO, SPI
CYW55513	Wi-Fi 6/6E (802.11ax)	USI	WM-CW-65	2.4/5/6 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.4	8.6 x 8.1 x 1.1	-40 to +85	TBD	SMD	LGA (Molding SIP)	N/A	SDIO	UART
CYW55573	Wi-Fi 6/6E (802.11ax)	Ezurio	453-00119	2.4/5/6 GHz	2T2R	Bluetooth®/ Bluetooth® LE 5.4	22 x 30 x 2.7	-40 to +85	FCC, ISED, CE, UKCA, MIC, & Bluetooth® SIG	M.2 plug-in	E-key 2230	MHF4 antenna (Carton)	SDIO	UART, I²S, PCM
CYW55573	Wi-Fi 6/6E (802.11ax)	Ezurio	453-00119-K1	2.4/5/6 GHz	2T2R	Bluetooth®/ Bluetooth® LE 5.4	22 x 30 x 2.7	-40 to +85	FCC, ISED, CE, UKCA, MIC, & Bluetooth® SIG	DVK	E-key 2230	-	SDIO	-
CYW55573	Wi-Fi 6/6E (802.11ax)	Ezurio	453-00120	2.4/5/6 GHz	2T2R	Bluetooth®/ Bluetooth® LE 5.4	22 x 30 x 2.7	-40 to +85	FCC, ISED, CE, UKCA, MIC, & Bluetooth® SIG	M.2 plug-in	E-key 2230	MHF4 antenna (Carton)	PCIe	UART, I²S, PCM

Wi-Fi 6/6E (802.11ax) + Dual-Mode Bluetooth® combo partner module portfolio

Wi-Fi/ Bluetooth® PN	Wi-Fi Specification	Partner	PN Module	Wi-Fi Band	WLAN Stream	Bluetooth ®/ Bluetooth ® Low Energy Specification	Dim (xyz-mm)	Op. Temp (°C)	Regulatory	Type	Package	Antenna	Wi-Fi Interface	Bluetooth ® Interface
CYW55573	Wi-Fi 6/6E (802.11ax)	Ezurio	453-00120-K1	2.4/5/6 GHz	2T2R	Bluetooth®/ Bluetooth® LE 5.4	22 x 30 x 2.7	-40 to +85	FCC, ISED, CE, UKCA, MIC, & Bluetooth® SIG	DVK	E-key 2230	-	PCIe	-
CYW55573	Wi-Fi 6/6E (802.11ax)	Murata	LBEE5XV2EA-802	2.4/5/6 GHz	2T2R	Bluetooth®/ Bluetooth® LE 5.3	12.5 x 9.4 x 1.2	-	FCC, IC, CE, & TELEC	SMD	LGA	Dipole ANT, Monopole Trace ANT	SDIO, PCIe	UART, I²S, PCM
CYW55573	Wi-Fi 6/6E (802.11ax)	USI	WM-CW-61	2.4/5/6 GHz	2T2R	Bluetooth®/ Bluetooth® LE 5.3	11 x 11 x 1.2	-40 to +85	TBD	SMD	SIP	N/A	SDIO	UART
CYW55573	Wi-Fi 6/6E (802.11ax)	Ezurio	453-00118R	2.4/5/6 GHz	2T2R	Bluetooth®/ Bluetooth® LE 5.4	13 x 18 x 1.9	-40 to +85	FCC, ISED, CE, UKCA, MIC, & Bluetooth® SIG	SMD	M.2 1318 SMT	RF trace antenna (Tape & Reel)	SDIO, PCIe	UART, I²S, PCM
CYW55511	Wi-Fi 6 (802.11ax)	u-blox	MAYA-W331	2.4 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.4	10.4 x 14.3 x 1.9	-40 to +85	FCC, ISED, CE, UKCA, MIC, & Bluetooth® SIG (in dev)	SMD	LGA	2 antenna pins	SDIO, GSPI	UART, SDIO, SPI
CYW55511	Wi-Fi 6 (802.11ax)	u-blox	MAYA-W333	2.4 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.4	10.4 x 14.3 x 1.9	-40 to +85	FCC, ISED, CE, UKCA, MIC, & Bluetooth® SIG (in dev)	SMD	LGA	Single antenna pin	SDIO, GSPI	UART, SDIO, SPI
CYW55511	Wi-Fi 6 (802.11ax)	u-blox	MAYA-W336	2.4 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.4	10.4 x 14.3 x 1.9	-40 to +85	FCC, ISED, CE, UKCA, MIC, & Bluetooth® SIG (in dev)	SMD	LGA	PCB antenna	SDIO, GSPI	UART, SDIO, SPI
CYW55512	Wi-Fi 6 (802.11ax)	Azurewave	AW-XM650	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.4	12 x 12 x 1.21	-40 to +85	TBD	SMD	LGA	RF pad	SDIO	UART, PCM
CYW55512	Wi-Fi 6 (802.11ax)	Murata	LBEE5XV2GY-001	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.4	7.9 x 7.3 x 1.1	-40 to +85	FCC, IC, CE, & TELEC (Planning)	SMD	LGA	Dipole ANT, Monopole Trace ANT(Planning)	SDIO, QSPI	UART, I²S, PCM
CYW55512	Wi-Fi 6 (802.11ax)	Quectel	FCS962N-LP	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.4	12 x 12 x 1.55	-40 to +85	China (SRRC), FCC, CE, IC & RCM (planning)	SMD	LCC stamp	1 x 1	SDIO, PCIe	UART, PCM

Wi-Fi 6/6E (802.11ax) + Dual-Mode Bluetooth® combo partner module portfolio

Wi-Fi/ Bluetooth® PN	Wi-Fi Specification	Partner	PN Module	Wi-Fi Band	WLAN Stream	Bluetooth ®/ Bluetooth ® Low Energy Specification	Dim (xyz-mm)	Op. Temp (°C)	Regulatory	Type	Package	Antenna	Wi-Fi Interface	Bluetooth ® Interface
CYW55512	Wi-Fi 6 (802.11ax)	u-blox	MAYA-W361	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.4	10.4 x 14.3 x 1.9	-40 to +85	FCC, ISED, CE, UKCA, MIC, & Bluetooth® SIG (in dev)	SMD	LGA	2 antenna pins	SDIO, GSPI	UART, SDIO, SPI
CYW55512	Wi-Fi 6 (802.11ax)	u-blox	MAYA-W363	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.4	10.4 x 14.3 x 1.9	-40 to +85	FCC, ISED, CE, UKCA, MIC, & Bluetooth® SIG (in dev)	SMD	LGA	Single antenna pin	SDIO, GSPI	UART, SDIO, SPI
CYW55512	Wi-Fi 6 (802.11ax)	u-blox	MAYA-W366	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.4	10.4 x 14.3 x 1.9	-40 to +85	FCC, ISED, CE, UKCA, MIC, & Bluetooth® SIG (in dev)	SMD	LGA	PCB antenna	SDIO, GSPI	UART, SDIO, SPI
CYW55512	Wi-Fi 6 (802.11ax)	USI	WM-CW-55M	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.4	12 x 12 x 1.8	-40 to +85	TBD	SMD	LGA (Metal Shieding on PCB)	N/A	SDIO	UART
CYW55572	Wi-Fi 6 (802.11ax)	Azurewave	AW-XB327MA-PUR	2.4/5 GHz	2T2R	Bluetooth®/ Bluetooth® LE 5.3	22 x 30 x 2.11	-40 to +85	FCC	M.2 plug-in	E-key 2230	Ext. Antenna by MHF4 connectors	PCIe	UART, I²S, PCM
CYW55572	Wi-Fi 6 (802.11ax)	Azurewave	AW-XB327MA-SUR	2.4/5 GHz	2T2R	Bluetooth®/ Bluetooth® LE 5.3	22 x 30 x 2.11	-40 to +85	FCC	M.2 plug-in	E-key 2230	Ext. Antenna by MHF4 connectors	SDIO	UART, I²S, PCM
CYW55572	Wi-Fi 6 (802.11ax)	Azurewave	AW-XH327-PUR	2.4/5 GHz	2T2R	Bluetooth®/ Bluetooth® LE 5.3	10 x 10 x 1.26	-40 to +85	FCC	SMD	SiP	RF pad	PCIe	UART, I²S, PCM
CYW55572	Wi-Fi 6 (802.11ax)	Azurewave	AW-XH327-SUR	2.4/5 GHz	2T2R	Bluetooth®/ Bluetooth® LE 5.3	10 x 10 x 1.26	-40 to +85	FCC	SMD	SiP	RF pad	SDIO	UART, I²S, PCM
CYW55572	Wi-Fi 6 (802.11ax)	Azurewave	AW-XM612-PUR	2.4/5 GHz	2T2R	Bluetooth®/ Bluetooth® LE 5.3	13 x 15 x 2.25	-40 to +85	TBD	SMD	LGA	RF pad	PCIe	UART, I²S, PCM
CYW55572	Wi-Fi 6 (802.11ax)	Azurewave	AW-XM612-SUR	2.4/5 GHz	2T2R	Bluetooth®/ Bluetooth® LE 5.3	13 x 15 x 2.25	-40 to +85	TBD	SMD	LGA	RF pad	SDIO	UART, I²S, PCM
CYW55572	Wi-Fi 6 (802.11ax)	Iton	IW5572-50B1	2.4/5 GHz	2T2R	Bluetooth®/ Bluetooth® LE 5.3	15 x 13	-40 to +85	FCC, CE, SRRC, ROHS, & BQB	SMD	PCB module	External antenna	SDIO	UART, I²S, PCM
CYW55572	Wi-Fi 6 (802.11ax)	USI	WM-CW-51	2.4/5 GHz	2T2R	Bluetooth®/ Bluetooth® LE 5.3	11 x 11 x 1.2	-40 to +85	TBD	SMD	LGA (Molding SIP)	N/A	SDIO	UART
CYW55572	Wi-Fi 6 (802.11ax)	USI	WM-CW-51H	2.4/5 GHz	2T2R	Bluetooth®/ Bluetooth® LE 5.3	14.5 x 15 x 1.5	-40 to +85	TBD	SMD	LGA (Molding SIP)	N/A	SDIO	UART

Wi-Fi 5 (802.11ac) + Dual-Mode Bluetooth® combo partner module portfolio

Wi-Fi/ Bluetooth® PN	Wi-Fi Specification	Partner	PN Module	Wi-Fi Band	WLAN Stream	Bluetooth ®/ Bluetooth ® Low Energy Specification	Dim (xyz-mm)	Op. Temp (°C)	Regulatory	Type	Package	Antenna	Wi-Fi Interface	Bluetooth ® Interface
CYW54591	Wi-Fi 5 (802.11ac)	Azurewave	AW-CB511NF	2.4/5 GHz	2T2R+ RSDB	Bluetooth®/ Bluetooth® LE 5.1	22 x 30 x 2.25	-40 to +85	CE, FCC, IC, NCC Japan, AU, & NZ	M.2 plug-in	E-key 2230	Ext. Antenna by MHF4 connectors	PCIe	UART, PCM
CYW54591	Wi-Fi 5 (802.11ac)	Azurewave	AW-CM572-RSDB	2.4/5 GHz	2T2R+ RSDB	Bluetooth®/ Bluetooth® LE 5.1	15 x 13 x 1.95	-40 to +85	TBD	SMD	LGA	RF pad	SDIO	UART, PCM
CYW54591	Wi-Fi 5 (802.11ac)	Azurewave	AW-CM590-RSDB	2.4/5 GHz	2T2R+ RSDB	Bluetooth®/ Bluetooth® LE 5.1	15 x 13 x 1.95	-40 to +85	TBD	SMD	LGA	RF pad	PCIe	UART, PCM
CYW54591	Wi-Fi 5 (802.11ac)	Embedded Artists	EAR00373	2.4/5 GHz	-	Bluetooth®/ Bluetooth® LE 5.1	22 x 30 x 1.5	-	Refer to LBEE5XV1XA	M.2 plug-in	E-key 2230	u.fl	-	-
CYW54591	Wi-Fi 5 (802.11ac)	Murata	LBEE5XV1XA-540	2.4/5 GHz	2T2R+ RSDB	Bluetooth®/ Bluetooth® LE 5.1	11.4 x 8.9 x 1.4	-40 to +85	FCC, IC, CE, & TELEC	SMD	LGA	Dipole ANT, Monopole Trace ANT	PCIe	UART
CYW54591	Wi-Fi 5 (802.11ac)	Murata	LBEE5XV1XZ-892	2.4/5 GHz	2T2R+ RSDB	Bluetooth®/ Bluetooth® LE 5.1	11.4 x 8.9 x 1.4	-40 to +85	FCC, IC, CE, & TELEC	SMD	LGA	Dipole ANT, Monopole Trace ANT	SDIO	UART
CYW54591	Wi-Fi 5 (802.11ac)	Quectel	FC80A	2.4/5 GHz	2T2R+ RSDB	Bluetooth®/ Bluetooth® LE 5.2	15 x 13 x 2.2	-40 to +85	China (SRRC), FCC, IC, CE, RCM, KC, JATE, & TELEC	SMD	LCC stamp	2 x 2	SDIO	UART, PCM
CYW54590	Wi-Fi 5 (802.11ac)	Azurewave	AW-CM590	2.4/5 GHz	2T2R	Bluetooth®/ Bluetooth® LE 5.1	13 x 15 x 1.95	-40 to +85	TBD	SMD	LGA	RF pad	PCIe	UART, PCM
CYW54590	Wi-Fi 5 (802.11ac)	Azurewave	AW-CM572	2.4/5 GHz	2T2R	Bluetooth®/ Bluetooth® LE 5.1	13 x 15 x 1.95	-40 to +85	TBD	SMD	LGA	RF pad	SDIO	UART, PCM
CYW54590	Wi-Fi 5 (802.11ac)	Embedded Artists	EAR00414	2.4/5 GHz	-	Bluetooth®/ Bluetooth® LE 5.1	22 x 30 x 1.5	-	Refer to LBEE5XV2BZ	M.2 plug-in	E-key 2230	u.fl	-	-
CYW54590	Wi-Fi 5 (802.11ac)	Murata	LBEE5XV2BA-001	2.4/5 GHz	2T2R	Bluetooth®/ Bluetooth® LE 5.1	11.4 x 8.9 x 1.4	-40 to +85	FCC, IC, CE, & TELEC	SMD	LGA	Dipole ANT, Monopole Trace ANT	PCIe	UART
CYW54590	Wi-Fi 5 (802.11ac)	Murata	LBEE5XV2BZ-883	2.4/5 GHz	2T2R	Bluetooth®/ Bluetooth® LE 5.1	11.4 x 8.9 x 1.4	-40 to +85	FCC, IC, CE, & TELEC	SMD	LGA	Dipole ANT, monopole Trace ANT	SDIO	UART
CYW4373I	Wi-Fi 5 (802.11ac)	Azurewave	AW-CM467-SUR	2.4/5 GHz	1T2R	Bluetooth®/ Bluetooth® LE 5.1	12 x 12 x 1.65	-40 to +85	CE, FCC, IC, NCC, Japan, AU, NZ, & CN	SMD	LGA	RF pad	SDIO	UART, PCM
CYW4373I	Wi-Fi 5 (802.11ac)	Azurewave	AW-CM467-USB	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	12 x 12 x 1.65	–20 to +70	CE, FCC, IC, NCC, Japan, AU, NZ, & CN	SMD	LGA	RF pad	USB	USB

Wi-Fi 5 (802.11ac) + Dual-Mode Bluetooth® combo partner module portfolio

Wi-Fi/ Bluetooth® PN	Wi-Fi Specification	Partner	PN Module	Wi-Fi Band	WLAN Stream	Bluetooth ®/ Bluetooth ® Low Energy Specification	Dim (xyz-mm)	Op. Temp (°C)	Regulatory	Type	Package	Antenna	Wi-Fi Interface	Bluetooth ® Interface
CYW4373I	Wi-Fi 5 (802.11ac)	Azurewave	AW-CM555-SUR	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	12 x 12 x 1.65	–20 to +70	FCC/CE	SMD	LGA	RF pad	SDIO	UART, PCM
CYW4373I	Wi-Fi 5 (802.11ac)	Embedded Artists	EAR00436	2.4/5 GHz	-	Bluetooth®/ Bluetooth® LE 5.2	22 x 44 x 1.5	-	ref LBEE5PK2BC	M.2 plug-in	E-key 2244	Integrated trace antenna	-	-
CYW4373I	Wi-Fi 5 (802.11ac)	Murata	LBEE5PK2BC-771	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	8.0 x 7.8 x 1.15	–20 to +70	FCC/IC/CE/ TELEC	SMD	LGA	Dipole ANT, monopole Trace ANT	SDIO, USB	UART, USB
CYW4373E	Wi-Fi 5 (802.11ac)	Azurewave	AW-CM467-SUR-I	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	12 x 12 x 1.65	-40 to +85	CE/FCC/IC/NCC Japan/AU/NZ/ CN	SMD	LGA	RF pad	SDIO	UART, PCM
CYW4373E	Wi-Fi 5 (802.11ac)	Azurewave	AW-CM467-USB-I	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	12 x 12 x 1.65	-40 to +85	CE/FCC/IC/NCC Japan/AU/NZ/ CN	SMD	LGA	RF pad	USB	USB
CYW4373E	Wi-Fi 5 (802.11ac)	Embedded Artists	EAR00388	2.4/5 GHz	-	Bluetooth®/ Bluetooth® LE 5.2	22 x 44 x 1.5	-	ref LBEE5PK2AE	M.2 plug-in	E-key 2244	Integrated trace antenna	-	-
CYW4373E	Wi-Fi 5 (802.11ac)	Ezurio	450-00137	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	17 x 47 x 11.7	-40 to +85	FCC/ISED/CE/MIC UKCA/KCC/ TW/ BR/CN/ Buetooth® SIG	USB Adapter	-	Integrated antenna	USB	-
CYW4373E	Wi-Fi 5 (802.11ac)	Ezurio	453-00045C	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	12 x 17 x 2.2	-40 to +85	FCC/ISED/CE/MIC UKCA/KCC/ TW/ BR/CN/ Buetooth® SIG	SMD	LGA	Integrated chip antenna (Cut Tape)	UART, SDIO, USB	-
CYW4373E	Wi-Fi 5 (802.11ac)	Ezurio	453-00045R	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	12 x 17 x 2.2	-40 to +85	FCC/ISED/CE/MIC UKCA/KCC/ TW/ BR/CN/ Buetooth® SIG	SMD	LGA	Integrated chip antenna (Cut Tape)	UART, SDIO, USB	-
CYW4373E	Wi-Fi 5 (802.11ac)	Ezurio	453-00046C	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	12 x 17 x 2.2	-40 to +85	FCC/ISED/CE/MIC UKCA/KCC/ TW/ BR/CN/ Buetooth® SIG	SMD	LGA	MHF4 antenna (Cut Tape)	UART, SDIO, USB	-

Wi-Fi 5 (802.11ac) + Dual-Mode Bluetooth® combo partner module portfolio

Wi-Fi/ Bluetooth® PN	Wi-Fi Specification	Partner	PN Module	Wi-Fi Band	WLAN Stream	Bluetooth ®/ Bluetooth ® Low Energy Specification	Dim (xyz-mm)	Op. Temp (°C)	Regulatory	Type	Package	Antenna	Wi-Fi Interface	Bluetooth ® Interface
CYW4373E	Wi-Fi 5 (802.11ac)	Ezurio	453-00046R	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	12 x 17 x 2.2	-40 to +85	FCC, ISED, CE, MIC UKCA, KCC, TW, BR, CN, & Buetooth® SIG	SMD	LGA	MHF4 (Tape & Reel)	UART, SDIO, USB	-
CYW4373E	Wi-Fi 5 (802.11ac)	Ezurio	453-00047C	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	12 x 17 x 2.2	–40 to +85	FCC, ISED, CE, MIC UKCA, KCC, TW, BR, CN, & Buetooth® SIG	SMD	LGA	RF trace pin (Cut Tape)	UART, SDIO, USB	-
CYW4373E	Wi-Fi 5 (802.11ac)	Ezurio	453-00047R	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	12 x 17 x 2.2	-40 to +85	FCC, ISED, CE, MIC UKCA, KCC, TW, BR, CN, & Buetooth® SIG	M.2 plug-in	E-key 2230	RF trace pin (Tape & Reel)	UART, SDIO, USB	-
CYW4373E	Wi-Fi 5 (802.11ac)	Ezurio	453-00048	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	22 x 30 x 3.1	-40 to +85	FCC, ISED, CE, MIC UKCA, KCC, TW, BR, CN, & Buetooth® SIG	M.2 plug-in	E-key 2230	MHF4	UART, SDIO	-
CYW4373E	Wi-Fi 5 (802.11ac)	Ezurio	453-00048-K1	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	22 x 30 x 3.1	–40 to +85	FCC, ISED, CE, MIC UKCA, KCC, TW, BR, CN, & Buetooth® SIG	DVK	M.2 plug-in	MHF4	SDIO	-
CYW4373E	Wi-Fi 5 (802.11ac)	Ezurio	453-00049	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	22 x 30 x 3.1	-40 to +85	FCC, ISED, CE, MIC UKCA, KCC, TW, BR, CN, & Buetooth® SIG	M.2 plug-in	E-key 2230	MHF4	USB	-
CYW4373E	Wi-Fi 5 (802.11ac)	Murata	LBEE5PK2AE-564	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	8.0 x 7.8 x 1.15	-40 to +85	FCC, IC, CE, & TELEC	SMD	LGA	Dipole ANT, Monopole Trace ANT	SDIO, USB	UART, USB
CYW4373	Wi-Fi 5 (802.11ac)	Iton	IW4373-50B1	2.4/5 GHz	1T1R	Bluetooth® LE 5.4	26 x 20	-40 to +85	FCC, CE, SRRC ROHS, & BQB	SMD	PCB module	External antenna	SDIO	UART, PCM
CYW4373	Wi-Fi 5 (802.11ac)	Quectel	FC906A	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	12 x 12 x 1.55	–20 to +70	China (SRRC), FCC, IC, CE, & RCM	SMD	LCC stamp	1 x 1	SDIO	UART, PCM
CYW4373	Wi-Fi 5 (802.11ac)	Quectel	FCU906A	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	12 x 12 x 1.55	–20 to +70	China (SRRC), FCC, IC, CE, & RCM	SMD	LCC stamp	1 x 1	USB	USB, PCM
CYW4354	Wi-Fi 5 (802.11ac)	USI	WM-BAC-CYW-54	2.4/5 GHz	2T2R	Bluetooth®/ Bluetooth® LE 5.1	9.8 x 9 x 1.1	–30 to +85	TBD	SMD	LGA (Molding SIP)	N/A	SDIO	UART
CYW43455	Wi-Fi 5 (802.11ac)	Azurewave	AW-CH303	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.3	7.9 x 7.3 x 1.01	–30 to +85	TBD	SMD	SiP	RF pad	SDIO	UART, I^2S, PCM

Wi-Fi 5 (802.11ac) + Dual-Mode Bluetooth® combo partner module portfolio

Wi-Fi/ Bluetooth® PN	Wi-Fi Specification	Partner	PN Module	Wi-Fi Band	WLAN Stream	Bluetooth ®/ Bluetooth ® Low Energy Specification	Dim (xyz-mm)	Op. Temp (°C)	Regulatory	Type	Package	Antenna	Wi-Fi Interface	Bluetooth ® Interface
CYW43455	Wi-Fi 5 (802.11ac)	Azurewave	AW-CM256SM	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.3	12 x 12 x 1.7	–30 to +85	SRRC	SMD	Stamp LGA	RF pad	SDIO	UART, I²S, PCM
CYW43455	Wi-Fi 5 (802.11ac)	Azurewave	AW-CM390SM	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.3	12 x 12 x 1.7	–30 to +85	CE, FCC, IC, AU, & NZ	SMD	Stamp LGA	RF pad	SDIO	UART, I²S, PCM
CYW43455	Wi-Fi 5 (802.11ac)	Iton	CW2455-44	2.4/5 GHz	1T1R	Bluetooth® LE 5.3	12 x 12	–40 to +85	FCC, CE, SRRC ROHS, & BQB	SMD	PCB module	External antenna	SDIO	UART, PCM
CYW43455	Wi-Fi 5 (802.11ac)	USI	WM-BAC-BM-25	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.3	9.5 x 15 x 1.8	–30 to +85	FCC, CE, IC, & JPN	SMD	LGA (Metal Shielding on PCB)	Chip antenna	SDIO	UART
CYW43455	Wi-Fi 5 (802.11ac)	USI	WM-BAC-BM-28	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.3	7.9 x 7.3 x 1.1	–30 to +85	TBD	SMD	LGA (Molding SIP)	N/A	SDIO	UART
CYW43022	Wi-Fi 5 (802.11ac)	Azurewave	AW-AM617	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.4	12 x 12 x 1.75	–20 to +70	CE, FCC, & IC	SMD	LGA	RF pad	SDIO	UART, PCM
CYW43022	Wi-Fi 5 (802.11ac)	Embedded Artists	EAR00497	2.4/5 GHz	-	Bluetooth®/ Bluetooth® LE 5.4	22 x 30 x 1.5	-	Refer to LBEE5WV2GF	M.2 plug-in	E-key 2230	u.fl	-	-
CYW43022	Wi-Fi 5 (802.11ac)	Murata	LBEE5WV2GF-924	2.4/5 GHz	1T1R	Bluetooth® LE 5.4	10 x 7.2 x 1.5	–20 to +70	FCC, IC, CE, & TELEC (Planning)	SMD	LGA	Dipole ANT, monopole Trace ANT	SDIO	UART
CYW43022	Wi-Fi 5 (802.11ac)	USI	WM-CW-22	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.4	7.9 x 7.3 x 1.1	–20 to +70	TBD	SMD	LGA (Molding SIP)	N/A	SDIO	UART
CYW43012	Wi-Fi 5 (802.11ac)	Embedded Artists	EAR00323	2.4/5 GHz	-	Bluetooth®/ Bluetooth® LE 5.2	22 x 44 x 1.5	-	Refer to LBEE59B1LV	M.2 plug-in	E-key 2244	Integrated trace antenna	-	-
CYW43012	Wi-Fi 5 (802.11ac)	Murata	LBEE59B1LV-278	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	10 x 7.2 x 1.4	–20 to +70	FCC, IC, CE, & TELEC	SMD	LGA	Monopole trace ANT	SDIO	UART

Wi-Fi 4 (802.11n) + Dual-Mode Bluetooth® combo partner module portfolio

Wi-Fi/ Bluetooth® PN	Wi-Fi Specification	Partner	PN Module	Wi-Fi Band	WLAN Stream	Bluetooth ®/ Bluetooth ® Low Energy Specification	Dim (xyz-mm)	Op. Temp (°C)	Regulatory	Type	Package	Antenna	Wi-Fi Interface	Bluetooth ® Interface
CYW43439	WI-Fi 4 (802.11n)	Azurewave	AW-NM512	2.4 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	12 x 12 x 1.5	–30 to +85	CE, FCC, IC, & NCC	SMD	LGA	RF pad	SDIO	UART, PCM
CYW43439	WI-Fi 4 (802.11n)	Embedded Artists	EAR00389	2.4 GHz	-	Bluetooth®/ Bluetooth® LE 5.2	22 x 44 x 1.5	-	Refer to LBEE5KL1YN	M.2 plug-in	E-key 2244	Integrated trace antenna	-	-
CYW43439	WI-Fi 4 (802.11n)	Ezurio	453-00083C	2.4 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	12 x 12 x 3	–40 to +85	FCC, IC, CE, Giteki, & RCM	SMD	SiP	RF trace antenna (Cut Tape)	UART, SDIO, I²S	-
CYW43439	WI-Fi 4 (802.11n)	Ezurio	453-00083R	2.4 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	12 x 12 x 3	–40 to +85	FCC, IC, CE, Giteki, & RCM	SMD	SiP	RF trace antenna (Tape & Reel)	UART, SDIO, I²S	-
CYW43439	WI-Fi 4 (802.11n)	Ezurio	453-00084C	2.4 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	21 x 15 x 4	–40 to +85	FCC, IC, CE, Giteki, & RCM	SMD	LGA	MHF4 antenna (Cut Tape)	UART, SDIO, I²S	-
CYW43439	WI-Fi 4 (802.11n)	Ezurio	453-00084R	2.4 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	21 x 15 x 4	–40 to +85	FCC, IC, CE, Giteki, & RCM	SMD	LGA	MHF4 antenna (Tape & Reel)	UART, SDIO, I²S	-
CYW43439	WI-Fi 4 (802.11n)	Ezurio	453-00085C	2.4 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	21 x 15 x 4	–40 to +85	FCC, IC, CE, Giteki, & RCM	SMD	LGA	Onboard chip antenna (Cut Tape)	UART, SDIO, I²S	-
CYW43439	WI-Fi 4 (802.11n)	Ezurio	453-00085R	2.4 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	21 x 15 x 4	–40 to +85	FCC, IC, CE, Giteki, & RCM	SMD	LGA	Onboard chip antenna (Cut Tape)	UART, SDIO, I²S	-
CYW43439	WI-Fi 4 (802.11n)	Ezurio	453-00141	2.4 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	22 x 30	–40 to +85	FCC, ISED, CE, UKCA, MIC, KCC, BR & Bluetooth® SIG	M.2 plug-in	E-key 2230	MHF4 antenna (Carton)	UART, SDIO, I²S	-
CYW43439	WI-Fi 4 (802.11n)	INVENTEK (USA)	ISM43439-WBP-L151	2.4 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	10 x 10 x 1.2	–40 to +85	Certification Pending	-	-	Chip or U.FL external antenna	UART, SPI, I²S, PCM	-
CYW43439	WI-Fi 4 (802.11n)	Murata	LBEE5KL1YN-814	2.4 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	6.95 x 5.15 x 1.1	–30 to +70	FCC, IC, CE, & TELEC	SMD	LGA	Dipole ANT, Monopole Trace ANT	SDIO	UART, PCM
CYW43439	WI-Fi 4 (802.11n)	Quectel	FC909A	2.4 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	12 x 12 x 1.95	–30 to +85	China (SRRC), FCC, CE, & IC	SMD	LCC stamp	1 x 1	SDIO	UART, PCM
CYW43439	WI-Fi 4 (802.11n)	USI	IS1	2.4 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.4	12 x 11 x 1.3	–30 to +70	TBD	SMD	LGA (Metal Shielding on PCB)	Antenna connector only	Configurable external I/O	Configurable external I/O

Wi-Fi 4 (802.11n) + Dual-Mode Bluetooth® combo partner module portfolio

Wi-Fi/ Bluetooth® PN	Wi-Fi Specification	Partner	PN Module	Wi-Fi Band	WLAN Stream	Bluetooth ®/ Bluetooth ® Low Energy Specification	Dim (xyz-mm)	Op. Temp (°C)	Regulatory	Type	Package	Antenna	Wi-Fi Interface	Bluetooth ® Interface
CYW43439	WI-Fi 4 (802.11n)	USI	WM-CW-26	2.4 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.4	9.5 x 15 x 1.8	–30 to +70	FCC, CE, & JPN remark	SMD	LGA (Metal Shielding on PCB)	Chip antenna	SDIO	UART
CYW43438	WI-Fi 4 (802.11n)	Alinket	ALXC12B	2.4 GHz	1T1R	Bluetooth®/ Bluetooth® LE 4.1	32 x 16 x 3.1	–30 to +85	FCC, CE, & RoHS	SMD	SiP on FR4	On-Board or external antenna U.FL	SDIO	UART, SPI, I²S
CYW43438	WI-Fi 4 (802.11n)	Iton	IWCW2438-44	2.4 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	12 x 12 x 1.5	–40 to +85	-	SMD	Stamp LGA	Single antenna	-	PCM
CYW4343	WI-Fi 4 (802.11n)	INVENTEK (USA)	ISM4343-WBM-L151	2.4 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.1	10 x 10 x 1.2	–40 to +85	FCC, IC, CE, UKCA, & Additional Certs upon request	-	-	Chip or U.FL external antenna	UART, SPI, I²S, PCM	-
CYW4343	WI-Fi 4 (802.11n)	INVENTEK (USA)	ISM4343-WBM-L151-U	2.4 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.1	10 x 10 x 1.2	–40 to +85	FCC, IC, CE, UKCA, & Additional Certs upon request	-	-	Chip or U.FL external antenna	UART, SPI, I²S, I²C, PCM, USB	-
CYW4343	WI-Fi 4 (802.11n)	INVENTEK (USA)	ISM4343-WBM-L54	2.4 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.1	34.22 x 14.7 x 2.0	–40 to +85	FCC, IC, CE, UKCA, & Additional Certs upon request	-	-	Chip or U.FL external antenna	UART, SPI, I²S, PCM	-
CYW43362	WI-Fi 4 (802.11n)	INVENTEK (USA)	ISM43362-M3G-L44	2.4 GHz	1T1R	N/A	34.22 x 14.7 x 2.3	–40 to +85	FCC, IC, CE, UKCA, & Additional Certs upon request	-	-	Etch/U.FL external antenna	UART, SPI, USB	N/A
CYW43340	WI-Fi 4 (802.11n)	INVENTEK (USA)	ISM43340-L77	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	13 x 14.4 x 2.4	–40 to +85	FCC, IC, CE, UKCA, & Additional Certs upon request	-	-	Chip or U.FL external antenna	UART, SPI, SDIO, I²S, PCM	UART
CYW43340	WI-Fi 4 (802.11n)	INVENTEK (USA)	ISM43340-M4G-L44	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	34.22 x 14.7 x 2.3	–40 to +85	FCC, IC, CE, UKCA, & Additional Certs upon request	-	-	Chip or U.FL external antenna	UART, SPI, I²S, PCM	-

Wi-Fi 4 (802.11n) + Dual-Mode Bluetooth® combo partner module portfolio

Wi-Fi/ Bluetooth® PN	Wi-Fi Specification	Partner	PN Module	Wi-Fi Band	WLAN Stream	Bluetooth ®/ Bluetooth ® Low Energy Specification	Dim (xyz-mm)	Op. Temp (°C)	Regulatory	Type	Package	Antenna	Wi-Fi Interface	Bluetooth ® Interface
CYW43012	WI-Fi 4 (802.11n)	Alinket	ALX850	2.4/5 GHz	1T1R	N/A	28 x 14.3 x 2.2	–30 to +85	FCC, CE, & RoHS	SMD	SiP on FR4	On-Board or External antenna U.FL	SDIO	-
CYW43012	WI-Fi 4 (802.11n)	Alinket	ALXC20B	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 4.2	28 x 14.3 x 2.2	–30 to +85	FCC, CE, & RoHS	SMD	SiP on FR4	On-Board or External antenna U.FL	SDIO	UART, SPI, I^2S
CYW43012	WI-Fi 4 (802.11n)	Azurewave	AW-AH306	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	8.5 x 7 x 1.21	–20 to +70	TBD	SMD	SiP	RF pad	SDIO	UART, PCM
CYW43012	WI-Fi 4 (802.11n)	Azurewave	AW-AM497	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	12 x 12 x 1.75	–20 to +70	CE, FCC, & IC	SMD	LGA	RF pad	SDIO	UART, PCM
CYW43012	WI-Fi 4 (802.11n)	Iton	IW3012-44B1	2.4/5 GHz	1T1R	Bluetooth® LE 5.2	12 x 12	–40 to +85	FCC, CE, SRRC, ROHS, & BQB	SMD	PCB module	External antenna	SDIO	UART, PCM
CYW43012	WI-Fi 4 (802.11n)	Murata	LBEE5PA1LD-005	2.4 GHz	1T1R	Bluetooth®/ Bluetooth® LE 5.2	8.9 x 7.8 x 1.2	–40 to +85	FCC, IC, CE, & TELEC	SMD	LGA	Monopole trace ANT	UART, SPI, I^2C	UART, SPI, I^2C

Wi-Fi Connected MCU partner module portfolio

Wi-Fi/ Bluetooth® PN	Wi-Fi Specification	Partner	PN Module	Wi-Fi Band	WLAN Stream	Bluetooth ®/ Bluetooth ® Low Energy Specification	CPU	Max Frequency	Dim (xyz-mm)	Op. Temp (°C)	Regulatory	Type	Package	Antenna	Wi-Fi Interface	Bluetooth ® Interface
CYW55913	Wi-Fi 6/6E (802.11ax)	Azurewave	AW-CU668	2.4/5/ 6 GHz	1T1R	Bluetooth® LE 5.4	Arm® Cortex® -M33	192 MHz	12 x 12 x 1.7	-40 to +85	TBD	SMD	LGA	Ext. antenna by MHF4 connectors	N/A	N/A
CYW55913	Wi-Fi 6/6E (802.11ax)	USI	WM-CW-65U	2.4/5/ 6 GHz	1T1R	Bluetooth® LE 5.4	Arm® Cortex® -M33	192 MHz	8.6 x 8.1 x1.1	-40 to +85	TBD	SMD	LGA (Molding SIP)	N/A	Configurable external I/O	Configurable external I/O
CYW55913	Wi-Fi 6/6E (802.11ax)	Azurewave	AW-CU640	2.4/5/ 6 GHz	1T1R	Bluetooth® LE 5.4	Arm® Cortex® -M33	192 MHz	25 x 16	-40 to +85	TBD	SMD	LGA	PCB antenna	N/A	N/A
CYW55912	Wi-Fi 6 (802.11ax)	Azurewave	AW-CU642	2.4/5 GHz	1T1R	Bluetooth® LE 5.4	Arm® Cortex® -M33	192 MHz	25 x 16	-40 to +85	TBD	SMD	LGA	PCB antenna	N/A	N/A
CYW55912	Wi-Fi 6 (802.11ax)	Quectel	FCMC61N	2.4/5 GHz	1T1R	Bluetooth® LE 5.4	Arm® Cortex® -M33	192 MHz	13 x 15	-40 to +85	TBD	SMD	LCC stamp	1 x 1	TBD	-
CYW55912	Wi-Fi 6 (802.11ax)	USI	WM-CW-55U	2.4/5 GHz	1T1R	Bluetooth® LE 5.4	Arm® Cortex® -M33	192 MHz	8.6 x 8.1 x 1.1	-40 to +85	TBD	SMD	LGA (Molding SIP)	N/A	Configurable external I/O	Configurable external I/O
CYW55912	Wi-Fi 6 (802.11ax)	USI	WM-CW-55UM	2.4/5 GHz	1T1R	Bluetooth® LE 5.4	Arm®Cortex® -M33	192 MHz	12 x 12 x 1.8	-40 to +85	TBD	SMD	LGA (Metal Shielding on PCB)	N/A	Configurable external I/O	Configurable external I/O
CYW54907	Wi-Fi 5 (802.11ac)	INVENTEK (USA	ISM54907-WBM-L170	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 4.2	Arm® Cortex® -R4	160 MHz	11 x 11 x .2	-40 to +85	Certificatons upon request	-	-	No certified antenna	UART/SP/ USB	-
CYW54907	Wi-Fi 5 (802.11ac)	Lantronix	XPC270100B	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 4.2	Arm® Cortex® -R4	160 MHz	25 x 17	-40 to +85	FCC/IC/CE	-	-	Dual U.FL	UART/SPI SDIO/I²C/ GPIO/USB/ Ethernet	-
CYW54907	Wi-Fi 5 (802.11ac)	Lantronix	XPC270100S	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 4.2	Arm® Cortex® -R4	160 MHz	25 x 17	-40 to +85	FCC/IC/CE	-	-	Dual U.FL	UART/SPI SDIO/I²C/ GPIO/USB/ Ethernet	-
CYW54907	Wi-Fi 5 (802.11ac)	Lantronix	XPC270300B	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 4.2	Arm® Cortex® -R4	160 MHz	35 x 22	-40 to +85	FCC/IC/CE	-	-	Dual U.FL	UART/SPI SDIO/I²C/ GPIO/USB/ Ethernet	-

Wi-Fi Connected MCU partner module portfolio

Wi-Fi/ Bluetooth® PN	Wi-Fi Specification	Partner	PN Module	Wi-Fi Band	WLAN Stream	Bluetooth ®/ Bluetooth ® Low Energy Specification	CPU	Max Frequency	Dim (xyz-mm)	Op. Temp (°C)	Regulatory	Type	Package	Antenna	Wi-Fi Interface	Bluetooth ® Interface
CYW54907	Wi-Fi 5 (802.11ac)	Lantronix	XPC270300S	2.4/5 GHz	1T1R	Bluetooth®/ Bluetooth® LE 4.2	Arm® Cortex® -R4	160 MHz	35 x 22	-40 to +85	FCC, IC, & CE	-	-	Dual U.FL	UART, SPI, SDIO, I²C, GPIO, USB, Ethernet	-
CYW54907	Wi-Fi 5 (802.11ac)	Murata	LBWA1UZ1 PS-241	2.4/5 GHz	1T1R	N/A	Arm® Cortex® -R4	160 MHz	10 x 10 x 1.2	–30 to +50	FCC, IC, CE, & TELEC	SMD	LGA	Monopole trace ANT	UART, SPI, I²C, I²S, USB, Ethernet	N/A
CYW43907	WI-Fi 4 (802.11n)	INVENTEK (USA)	ISM43907R-WBM-L170	2.4/5 GHz	1T1R	N/A	Arm® Cortex® -R4	160 MHz	11 x 11 x 1.2	–40 to +85	Certificati-ons upon request	-	-	No certified antenna	UART, SPI, I²S, I²C, Ethernet	N/A
CYW43907	WI-Fi 4 (802.11n)	INVENTEK (USA)	ISM43907-WM-L170	2.4/5 GHz	1T1R	N/A	Arm® Cortex® -R4	160 MHz	11 x 11 x 1.2	–40 to +85	FCC, IC, CE, UKCA & Additional Certs upon request	-	-	No certified antenna	UART, SPI, I²S	N/A
CYW43907	WI-Fi 4 (802.11n)	Lantronix	XPC250 100B-02	2.4/5 GHz	1T1R	N/A	Arm® Cortex® -R4	160 MHz	25 x 17	–40 to +85	FCC, IC, CE, TELEC, & SRRC	-	-	Dual U.FL	UART, SPI, SDIO, I²C, GPIO, USB, Ethernet	-
CYW43907	WI-Fi 4 (802.11n)	Lantronix	XPC250 200B-02	2.4/5 GHz	1T1R	N/A	Arm® Cortex® -R4	160 MHz	25 x 17	–40 to +85	FCC, IC, CE, TELEC, & SRRC	-	-	ON-MODULE ANT	UART, SPI, SDIO, I²C, GPIO, USB, Ethernet	-
CYW43907	WI-Fi 4 (802.11n)	Lantronix	XPC250 200B-02	2.4/5 GHz	1T1R	N/A	Arm® Cortex® -R4	160 MHz	25 x 17	–40 to +85	FCC, IC, CE, TELEC, & SRRC	-	-	Dual U.FL	UART, SPI, SDIO, I²C, GPIO, USB, Ethernet	-
CYW43907	WI-Fi 4 (802.11n)	Lantronix	XPC250 200B-02	2.4/5 GHz	1T1R	N/A	Arm® Cortex® -R4	160 MHz	25 x 17	–40 to +85	FCC, IC, CE, TELEC, & SRRC	-	-	ON-MODULE ANT	UART, SPI, SDIO, I²C, GPIO, USB, Ethernet	-
CYW43907	WI-Fi 4 (802.11n)	Murata	LBWA1UZ 1GC-901	2.4/5 GHz	1T1R	N/A	Arm® Cortex® -R4	160 MHz	10 x 10 x 1.2	–30 to +85	FCC, IC, CE, TELEC, & SRRC	SMD	LGA	Monopole trace ANT	UART, SPI, I²C, I²S, USB, Ethernet	N/A
CYW43907	WI-Fi 4 (802.11n)	Murata	LBWA1UZ 1GC-958	2.4/5 GHz	1T1R	N/A	Arm® Cortex® -R4	160 MHz	10 x 10 x 1.2	–30 to +85	FCC, IC, CE, TELEC, & SRRC	SMD	LGA	Monopole trace ANT	UART, SPI, I²C, I²S, USB, Ethernet	N/A

Bluetooth® & Bluetooth® Low Energy (Dual-Mode) partner module portfolio

Wi-Fi/ Bluetooth® PN	Wi-Fi Specification	Partner	PN Module	Wi-Fi Band	WLAN Stream	Bluetooth ®/ Bluetooth ® Low Energy Specification	Dim (xyz-mm)	Op. Temp (°C)	Regulatory	Type	Package	Antenna	Wi-Fi Interface	Bluetooth ® Interface
CYW89072	N/A	Azurewave	AW-BTA03	N/A	N/A	Bluetooth®/ Bluetooth® LE 5.2	10 x 10 x 2.4	-40 to +85	TBD	SMD	LGA	RF pad	N/A	UART, I²S, PCM
CYW20835	N/A	Pairlink	Tigerkin-B8	N/A	N/A	Bluetooth® LE 5.4	23.0 x 14.0 x 2.6	-30 to +85	BQB, FCC, IC, CE MIC, SRRC, & RoHS	SMD	20 pad	Chip antenna	N/A	UART, SPI, I²C,PWM
CYW20835	N/A	Pairlink	Tigerkin-C8	N/A	N/A	Bluetooth® LE 5.4	23.0 x 14.0 x 2.6	-30 to +85	BQB, FCC, IC, CE MIC, SRRC, & RoHS	SMD	20 pad	IPEX connector	N/A	UART, SPI, I²C,PWM
CYW20829	N/A	Pairlink	Pony-B	N/A	N/A	Bluetooth® LE 5.4	23.0 x 14.0 x 2.6	-30 to +85	Ongoing	SMD	30 pad	Chip antenna	N/A	UART, SPI, I²C,PWM,CAN
CYW20829	N/A	Pairlink	Pony-C	N/A	N/A	Bluetooth® LE 5.4	23.0 x 14.0 x 2.6	-30 to +85	Ongoing	SMD	30 pad	IPEX connector	N/A	UART, SPI, I²C,PWM,CAN
CYW20820	N/A	Ezurio	453-00171C	N/A	N/A	Bluetooth®/ Bluetooth® LE 5.4	12.5 x 9.3 x 2.15	-40 to +85	FCC, IC, CE, UKCE, RCM, MIC, KR, & Bluetooth® SIG	SMD	LGA	-	N/A	UART, PCM, I²C, I²S, GPIO, SPI
CYW20820	N/A	Ezurio	453-00171R	N/A	N/A	Bluetooth®/ Bluetooth® LE 5.4	12.5 x 9.3 x 2.15	-40 to +85	FCC, IC, CE, UKCE, RCM, MIC, KR, & Bluetooth® SIG	SMD	LGA	-	N/A	UART, PCM, I²C, I²S, GPIO, SPI
CYW20820	N/A	Ezurio	453-00172C	N/A	N/A	Bluetooth®/ Bluetooth® LE 5.4	7.5 x 7.5 x 2.15	-40 to +85	FCC, IC, CE, UKCE, RCM, MIC, KR, & Bluetooth® SIG	SMD	LGA	-	N/A	UART, PCM, I²C, I²S, GPIO, SPI
CYW20820	N/A	Ezurio	453-00172R	N/A	N/A	Bluetooth®/ Bluetooth® LE 5.4	7.5 x 7.5 x 2.15	-40 to +85	FCC, IC, CE, UKCE, RCM, MIC, KR, & Bluetooth® SIG	SMD	LGA	-	N/A	UART, PCM, I²C, I²S, GPIO, SPI
CYW20820	N/A	Ezurio	453-00185	N/A	N/A	Bluetooth®/ Bluetooth® LE 5.4	50.74 x 18.39 x 11	-40 to +85	FCC, IC, CE, UKCE, RCM, MIC, KR, & Bluetooth® SIG	SMD	LGA	-	N/A	UART, PCM, I²C, I²S, GPIO, SPI
CYW20736	N/A	Alinket	ALX411	N/A	N/A	Bluetooth® LE 4.0	19 x 13.5 x 1.8	-30 to +85	FCC, CE, & RoHS	SMD	SiP on FR4	On-Board antenna	N/A	UART, SPI

Bluetooth® & Bluetooth® Low Energy (Dual-Mode) partner module portfolio

Wi-Fi/ Bluetooth® PN	Wi-Fi Specification	Partner	PN Module	Wi-Fi Band	WLAN Stream	Bluetooth ®/ Bluetooth ® Low Energy Specification	Dim (xyz-mm)	Op. Temp (°C)	Regulatory	Type	Package	Antenna	Wi-Fi Interface	Bluetooth ® Interface
CYW20736	N/A	INVENTEK (USA)	ISM20736S	N/A	N/A	Bluetooth®/ Bluetooth® LE 5.2	6.5 x 6.5 x 1.18	-40 to +85	FCC, IC, & CE	-	-	TBD	N/A	SPI, I²C
CYW20721	N/A	Murata	LBCA1K 1WA-427	N/A	N/A	Bluetooth®/ Bluetooth® LE 5.1	5.1 x 5.9 x 1.1	-30 to +85	FCC, IC, CE, & TELEC	SMD	-	Monopole trace ANT, chip ANT	N/A	UART, PCM, I²C, SPI, I²C
CYW20706	N/A	Alinket	ALX420A	N/A	N/A	Bluetooth® LE 4.1	16 x 10 x 2.4	-30 to +85	FCC, CE, & RoHS	SMD	-	On-Board antenna	N/A	UART, SPI, I²S
CYW20706	N/A	INVENTEK (USA)	ISM20706A2S	N/A	N/A	Bluetooth®/ Bluetooth® LE 5.2	6.0 x 8.6 x 1.2	-40 to +85	Certifications upon request	-	-	Embedded antenna	N/A	SPI, I²C
CYW20706	N/A	Pairlink	Dragon-B	N/A	N/A	Bluetooth®/ Bluetooth® LE 5.2	11 x 16.8 x 2.6	-30 to +85	BQB, MIC, FCC, IC, CE, & ROHS	-	-	Chip antenna	N/A	UART, PWM, MFi, I²S
CYW20706	N/A	Pairlink	Dragon-C	N/A	N/A	Bluetooth®/ Bluetooth® LE 5.2	11 x 16.8 x 2.6	-30 to +85	BQB, MIC, FCC, IC, CE, & ROHS	-	-	IPEX connector	N/A	UART, PWM, MFi, I²S
CYW20704	N/A	Ezurio	Bluetooth® 850-SA	N/A	N/A	Bluetooth®/ Bluetooth® LE 5.0	8.5 x 12 x 2.2	-30 to +85	FCC, IC, CE, RCM, Giteki, & KCC	-	-	Trace pin Internal or external	N/A	USB, HCI, I²S, PCM, GPIO
CYW20704	N/A	Ezurio	Bluetooth® 850-ST	N/A	N/A	Bluetooth®/ Bluetooth® LE 5.0	8.5 x 13 x 1.9	-30 to +85	FCC, IC, CE, RCM, Giteki, & KCC	-	-	Trace pin Internal or external	N/A	USB, HCI, I²S, PCM, GPIO
CYW20704	N/A	Ezurio	Bluetooth®-851	N/A	N/A	Bluetooth®/ Bluetooth® LE 5.0	43 x 16 x 11	-30 to +85	FCC, IC, CE, RCM, Giteki, & KCC	-	-	Trace pin Internal or external	N/A	USB, HCI, I²S, PCM, GPIO
CYW20704	N/A	Ezurio	Bluetooth® 860-SA	N/A	N/A	Bluetooth®/ Bluetooth® LE 5.0	8.5 x 12.85	-30 to +85	FCC, IC, CE, RCM, Giteki, & KCC	-	-	Trace pin Internal or external	N/A	UART, HCI, I²S, PCM, GPIO
CYW20704	N/A	Alinket	Bluetooth® 860-ST	N/A	N/A	Bluetooth® LE 5.0	8.5 x 12.85 x 1.9	-30 to +85	FCC, IC, CE, RCM, Giteki, & KCC	-	-	Trace pin Internal or external	N/A	UART, HCI, I²S, PCM, GPIO

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www.infineon.com/wi-fi-and-bluetooth-combos

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www.infineon.com/wi-fi-mcu

Bluetooth® and Bluetooth® LE devices
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