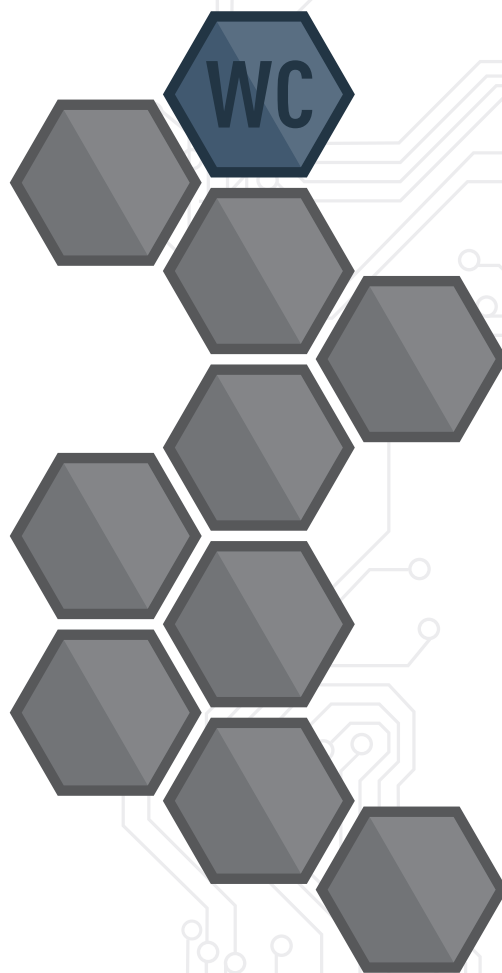




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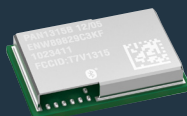
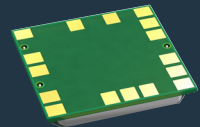
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Bluetooth[®] RF Modules

802.15.4 (Mesh) RF Modules

ISM (Industrial, Scientific, Medical) RF Modules

WiFi, WiFi + BT RF Modules



		Series	Size (mm)	Receiver Sensitivity	Max. Output Power	Power Supply	Freq. Range	I/Os	Interfaces	Max. Data Rate	Dev Kit	Dev Module
Bluetooth	Classic	PAN1315B/ PAN1325B	9.0x6.5x1.8 9.0x9.5.1.8	-93 dBm	+10.5 dBm	1.8 - 4.8V	2.4 GHz	N/A	PCM, UART, I2S	3M bits/sec	Yes	Yes
		PAN1315A/ PAN1325A **	9.0x6.5x1.8 9.0x9.5.1.8	-93 dBm	+10.5 dBm	1.8 - 4.8 V	2.4 GHz	2	PCM, UART, I2S	3Mbits/s	Yes	Yes
		PAN1322	15.6x8.7x1.8	-86 dBm	+4 dBm	2.9 - 4.1 V	2.4 GHz	>15	GPIO, UART, JTAG	720K bits/s	Yes	Yes
		PAN1311/ PAN1321 *	11.6x8.7x1.8 15.6x8.7x1.8	-86 dBm	+4 dBm	2.7 - 3.6 V	2.4 GHz	>15	GPIO, UART, JTAG	720K bits/s	No	No
		PAN1321i *	15.6x8.7x1.8	-86 dBm	+4 dBm	2.7 - 3.6 V	2.4 GHz	>15	GPIO, UART, JTAG	720K bits/s	No	No
		PAN1455/ PAN1555 *	13.5 x 18.75 x 2.85 mm 18.8x13.5x 2.5	-86 dBm	+4 dBm	2.7 - 3.6 V	2.4 GHz	18	3x UART, I ² C, SPI, ADC	3M bits/sec	Yes	No
	Bluetooth Smart Ready (Multi-Mode)	PAN1026	15.6x8.7x1.8	-88 dBm	+4 dBm	1.8 - 3.3V	2.4GHz	N/A	GPIO, UART	720K bits/s	Yes	Yes
		PAN1316B/ PAN1326B	9.0x6.5x1.8 9.0x9.5.1.8	-93 dBm	+10.5 dBm	1.8 - 4.8V	2.4 GHz	N/A	PCM, UART, I2S	3Mbits/sec	Yes	Yes
		PAN1316A/ PAN1326A **	9.0x6.5x1.8 9.5x9.0x1.8	-93 dBm	+10.5 dBm	1.8 - 4.8 V	2.4 GHz	2	PCM, UART, I2S	3Mbits/s	Yes	Yes
	Dual Mode + ANT TM	PAN1317/ PAN1327 **	6.5x9.0x1.8 9.5x9.0x1.8	-93 dBm	+10.5 dBm	1.8 - 4.8 V	2.4 GHz	2	PCM, UART, I2S	3Mbits/s	Yes	Yes
	Bluetooth Smart (Low Energy)	PAN1740	9.0x9.5x1.8	-93 dBm	0 dBm	2.35 - 3.3	2.4 GHZ	2	GPIO, UART, SPI, PC, 3-axis QD, ADC	< 10K bit/sec	Yes	Yes
		PAN1760	15.6x8.7x1.8	-88 dBm	+4 dBm	1.8 - 3.3V	2.4 GHZ	10	GPIO, UART	< 10K bit/sec	Yes	Yes
		PAN1720/ PAN1720BR *	15.6x8.7x1.8	-94 dBm	+3 dBm	2.0 - 3.6 V	2.4 GHz	19	GPIO, UART (USB)	< 10K bit/sec	Yes	No
		PAN1711/ PAN1711BR/ PAN1721/ PAN1721BR *	11.6x8.7x1.8 15.6x8.2x3	-94 dBm	0 dBm	2.0 - 3.6 V	2.4 GHz	19	I ² C, GPIO, UART	< 10K bit/sec	Yes	No
	Triple Mode	PAN1323 **	9.0x9.5.1.8	-93 dBm	+10 dBm	1.7 - 4.8 V	2.4 GHz	2	PCM, UART, I2S	3Mbits/s	Yes	Yes
Mesh Networking (802.15.4)		PAN4561/ PAN4561L *	35.0x15.0x3.8	-98 dBm @ 250 kbps	+18.5 dBm/ 0 dBm	2.7 - 3.4 V	2.4 GHz	39	GPIO, UART, A/D	250Kbs	Yes	Yes
		PAN4580	29.8x19.0x2.6	-100dBm @ 250 kbps	+3.5 dBm	1.9 - 3.6 V	2.4 GHz	38	GPIO, 2 x UART, SPI, ADC	2 M bits/sec	No	No
ISM		PAN235x *	8.0x8.2x1.9	-104 dBm @ 2.4kBits/s	+10 dBm	1.8 - 3.6 V	303MHz - 2.4GHz	2 Output	GPO, SPI	500K bits/sec	No	No

* = Operating Temp: -40 to +85° C

** = Operating Temp: -20 to +70° C [-40 to +85° C Optional]

	Series	Size (mm)	Receiver Sensitivity	Max. Output Power	Power Supply	Freq. Range	GPIO	Interfaces	Max. Data Rate	Dev Kit	Dev Module
WiFi (b/g/n) (Non Embedded)	PAN9010/ PAN 9020	22.75 x 13.5 x 2.42	-98 dBm	+18 dBm	3.0 - 3.6 V	2.4 GHz	N/A	USB 2.0 or SDIO	150Mbps	Yes	Yes
WiFi (b/g/n) (Embedded)	PAN9320 *	29.0 x 13.5 x 2.66	-98 dBm	+18 dBm	3.0 - 3.6 V	2.4 GHz	8	2 UARTs, QSPI	300Mbps	Yes	Yes
WiFi (b/g/n) + BT + BLE (Non Embedded)	PAN9045/ PAN9355	26.0 x 13.5 x 2.40	-98 dBm	+18 dBm	3.0 - 3.6 V	2.4 GHz	N/A	USB 2.0, SDIO 3.0, HS UART	300Mbps	Yes	Yes

* = Operating Temp: -30 to +70° C

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