PRoC BLE Block Diagram

PRoC BLE DEVICE PORTFOLIO

Part Number[1]	CPU Speed (MHz)	Flash Size (KB)	SRAM (KB)	CapSense	SCB[2]	TCPWM[3]	12-bit ADC	I2S	PWM	LCD	Package	Bluetooth Version
CYBL10563-56LQXI	48	128	16	Yes (Gestures)	2	4	1 Msps	Yes	1	Yes	56-QFN	4.1
CYBL10563-68FNXI	48	128	16	Yes (Gestures)	2	4	1 Msps	Yes	1	Yes	68-WLCSP	4.1
CYBL11171-56LQXI	48	256	32	No	1	2	1 Msps	No	0	No	56-QFN	4.2
CYBL11172-56LQXI	48	256	32	No	2	4	1 Msps	No	4	No	56-QFN	4.2
CYBL11173-56LQXI	48	256	32	No	2	4	1 Msps	Yes	0	No	56-QFN	4.2
CYBL11471-56LQXI	48	256	32	Yes	2	4	1 Msps	No	0	No	56-QFN	4.2
CYBL11472-56LQXI	48	256	32	Yes	2	4	1 Msps	Yes	0	No	56-QFN	4.2
CYBL11473-56LQXI	48	256	32	Yes	2	4	1 Msps	No	0	Yes	56-QFN	4.2
CYBL11571-56LQXI	48	256	32	Yes (Gestures)	2	4	1 Msps	No	0	No	56-QFN	4.2
CYBL11572-56LQXI	48	256	32	Yes (Gestures)	2	4	1 Msps	Yes	1	No	56-QFN	4.2
CYBL11573-56LQXI	48	256	32	Yes (Gestures)	2	4	1 Msps	Yes	1	Yes	56-QFN	4.2
CYBL11573-56LQXQ	48	256	32	Yes (Gestures)	2	4	1 Msps	Yes	1	Yes	56-QFN	4.2
CYBL11573-76FNXI	48	256	32	Yes (Gestures)	2	4	1 Msps	Yes	1	Yes	76-WLCSP	4.2
CYBL11573-76FNXQ	48	256	32	Yes (Gestures)	2	4	1 Msps	Yes	1	Yes	76-WLCSP	4.2
CYBL11573-76FLXI	48	256	32	Yes (Gestures)	2	4	1 Msps	Yes	1	Yes	76-Thin WLCSP	4.2

[1]All part numbers support input voltage range from 1.71 V to 5.5 V   [2] SCB = Serial communication block;   [3] TCPWM = Timer/counter/PWM block;

Download the complete datasheet for PRoC BLE at www.cypress.com/PRoCBLE

GET STARTED NOW

1) Buy the BLE Pioneer Kit to evaluate the solution's features including easy-to-use BLE connectivity and configurability www.cypress.com/go/cy8ckit-042ble

2) Download the PSoC Creator IDE and get started with example projects for common BLE profiles www.cypress.com/go/PSoCCreator

3) Download CySmart tool for testing and debugging - www.cypress.com/CySmart

4) Download the Getting Started guide www.cypress.com/go/an94020

5) Register for a PSoC 4 BLE workshop in your area www.cypress.com/go/bleworkshop

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