



PRoC BLE Block Diagram

## PRoC BLE DEVICE PORTFOLIO

Part Number <sup>1</sup>	CPU Speed (MHz)	Flash Size (KB)	SRAM (KB)	CapSense	SCB <sup>2</sup>	TCPWM <sup>3</sup>	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

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

Download the complete datasheet for PRoC BLE at [www.cypress.com/PRoCBLE](http://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](http://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](http://www.cypress.com/go/PSocCreator)
- 3) Download CySmart tool for testing and debugging - [www.cypress.com/CySmart](http://www.cypress.com/CySmart)
- 4) Download the Getting Started guide [www.cypress.com/go/an94020](http://www.cypress.com/go/an94020)
- 5) Register for a PSoC 4 BLE workshop in your area [www.cypress.com/go/bleworkshop](http://www.cypress.com/go/bleworkshop)

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