

CYW20835PB1KML1G

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Parametrics

Parametrics	CYW20835PB1KML1G
ADC (#, Max. Resolution @ Sample Rate)	10-bit @ 100 KHz (Static) 13-bit @ 16 KHz (Audio)
Automotive Qualified	N
Bluetooth Specification	Bluetooth 5.0
CPU	ARM Cortex M4 (with FPU)
Co-existence Interface	GCI SECI
Family	CYW20735
Features	Security Engine, Infrared TX/RX, Keyboard Scanner, Mouse Quadrature Decoder, 4 TRIAC controls, Audio
Frequency max	48 MHz
GPIOs	25
Interfaces	2 UART, 2 SPI (Single/Dual/Quad), I2C, PDM
Lead Ball Finish	Pure Sn
Module size ((mm))	-
Operating Temperature min max	0 °C 70 °C
Operating Voltage min max	3 V 3.6 V
Partner Module	N
Peak Reflow Temp	260 °C
Power Class	Class 1, Class 2
Publish in NPSG	Y
Publish in PSG	Y
RAM	384 kByte
Type	Silicon
Wireless Technology	Bluetooth (BR + BLE + 2 Mbps BLE)

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Sales Product Name	CYW20835PB1KML1G
OPN <div>Info</div>	CYW20835PB1KML1G
Product Status	active and preferred
Infineon Package name	PG-VQFN-60
Standard Package name	
Order online	<div><div></div>Buy online</div>
Completely lead free	undefined
Halogen free	undefined
RoHS compliant	yes
Packing Size	2600
Packing Type	TRAY
Moisture Level	3
Moisture Packing	DRY

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Notes on processing

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