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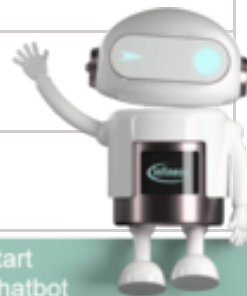
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Consumer Electronics/home-entertainment/

Parametrics

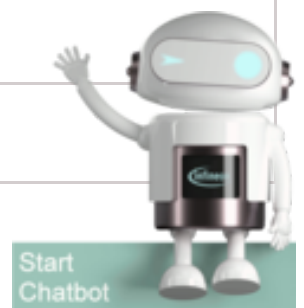
Parametrics	CYPD6128-48LQXIT
Applications	Notebooks, Desktops
CPU	ARM Cortex-M0
Flash	64 kByte
GPIOs	19
I/O Pins	19
I/O Type	GPIO,I2C,SPI,UART



Start Chatbot

Parametrics	CYPD6128-48LQXIT
Lead Ball Finish	Ni/Pd/Au
Operating Temperature min max	-40 °C 55 °C
Operating Voltage min max	2.7 V 21.5 V
Peak Reflow Temp	260 °C
Product Name	CCG6SF
Publish in NPSG	Yes
Publish in PSG	Yes
SRAM	16 kByte
Serial Communication Blocks	4
Software Tools	PSoC Creator
Termination Resistor	Rp, Rd, Rd-db
Type-C Ports	1
USB FS Device/Billboard	NA
VBUS FET Gate Drivers	Yes
VBUS Short Protection	Yes
VCONN FET	Yes

Documents



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ret=https%3A%2F%2Fwww.infineon.com%2Fcms%2Fen%2Fproduct%2Funiversal-serial-bus%2Fusb-c-power-delivery-controllers%2Fcz-pd-ccg6df-ccg6sf-dual-single-port-usb-c-pd%2Fcypd6128-48lqxit%2F%23!documents)
to myInfineon to see all documents available

+ Expand all

+ Product Qualification Report



CYPD6128-48LQXIT (/dgdl/Infineon-CYPD6128-48LQXIT-ProductQualificationReport-v01_00-EN.pdf?fileId=8ac78c8c90530b3a01908887a4ac27bd)

> EN (/dgdl/Infineon-CYPD6128-48LQXIT-ProductQualificationReport-v01_00-EN.pdf?fileId=8ac78c8c90530b3a01908887a4ac27bd)

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+ FIT Report



FIT Report - CYPD6128-48LQXIT (/dgdl/Infineon-CYPD6128-48LQXIT-FITReport-v01_00-EN.pdf?fileId=8ac78c8c919c9f9d0191a3042bf94357)

> EN (/dgdl/Infineon-CYPD6128-48LQXIT-FITReport-v01_00-EN.pdf?fileId=8ac78c8c919c9f9d0191a3042bf94357)

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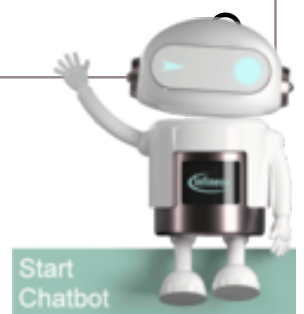
Order



Sales Product Name	CYPD6128-48LQXIT
OPN  Info	CYPD6128-48LQXIT
Product Status	active and preferred
Infineon Package name	PG-VQFN-48 (/cms/en/product/packages/PG-VQFN/PG-VQFN-48-800/)
Standard Package name	QFN-48 (001-57280)
Order online	
Completely lead free	yes
Halogen free	yes
RoHS compliant	yes
Packing Size	2500
Packing Type	TAPE & REEL
Moisture Level	3
Moisture Packing	DRY

Support

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Top 6 FAQs. Use the search bar above to show more!

How to get Technical Support?

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Where to find the Package information?

The package information is available on **our homepage** (<https://www.infineon.com/packages>). Please note, that they are divided into the subcategories "Leaded and...

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Where to find board assembly information of Infineon packages?

Information regarding reflow profile, soldering temperature, soldering profile and further processing notes for most of the discrete products are mentioned in the Application Note....

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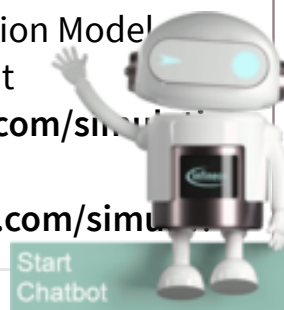
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