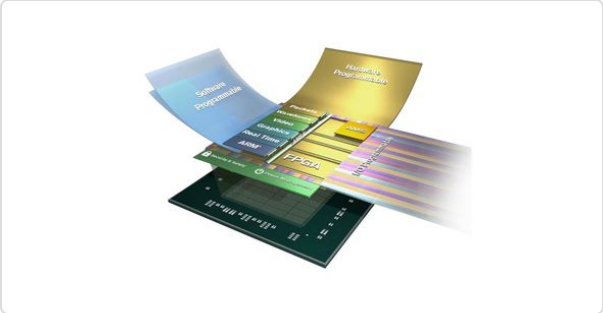
XCZU2CG-1SBVA484I

PSoC / MPSoC Microprocessor, Zynq UltraScale+ MPSoC Family, ARM Cortex-A53, 1.3 GHz, FCBGA-484, NCNR



Manufacturer: AMD

Product Category: Processors, SOC - System On Chip Processors

Avnet Manufacturer Part #: XCZU2CG-1SBVA484I

Compare | Datasheet | PCB Symbol, Footprint & 3D Model

RoHS 10 Compliant | Tray | Lifecycle

Description | Subs/Alternatives(4)

The Xilinx Zynq® UltraScale+™ multiprocessor system-on-chip family provide 64bit processor scalability while combining real-time control with soft and hard engines for graphics, video, waveform and packet processing. Built on a common real-time processor and programmable logic equipped platform, 3 distinct variants include dual (CG), quad application processor and GPU (EG) devices and video codec (EV) devices, creating unlimited possibilities for applications such as 5G wireless, next generation ADAS and industrial IoT. The CG devices feature a heterogeneous processing system comprised of dual-core Cortex™-A53, dual-core Cortex™-R5 real-time processing unit. EG devices feature quad-core ARM® Cortex™-A53 platform running up to 1.5GHz. Combined with dual-core Cortex™-R5 real-time processors, Mali™-400 MP2 graphics processing unit and 16nm FinFET programmable logic. EV devices build on powerful EG platform and add H.264/H.265 video codec capable of simultaneously encode and decode up to 4Kx2K (60fps).

- Zynq® UltraScale+™ multiprocessor system-on-chips are available in -3, -2, -1 speed grades

Tool Tip | Print

In Stock : 6,136

Ships in 1 bus. day

New | Newark

Additional inventory

Factory Lead Time: 22 Weeks

Visit the Newark Store

Price for: Each

Quantity:

Min: 1 Multiple: 1

Need More? Click To Quote

USD $:

1+

SubTotal:

ADD TO BOM

ADD TO

Newark, an Avnet company, is a fast and reliable distributor which brings to you:

PROTOTYPE QUANTITIES
950,000+ products

WIDE RANGE OF PRODUCTS
from 2,000+ leading suppliers

FAST AND RELIABLE
delivery with same-day dispatch, 24h-48h delivery

CLICK HERE TO VISIT NEWARK

Your privacy is important to us.
We use cookies to enhance your experience when visiting our websites, perform ARM® Cookies™ analysis on how you use this website, functional cookies remember your preferences and targeting cookies help us to share content relevant to you. Select "Accept All" for giving your consent to all cookies, select "Cookie Settings" for managing the different cookies or change your cookie settings at any time by clicking on the "Cookie Settings" link on the bottom left of the website.

SETTINGS

ACCEPT ALL

- Innovative ARM® + FPGA architecture for differentiation, analytics & control
- Extensive OS, middleware, stacks, accelerators and IP ecosystem
- Multiple levels of hardware and software security, architected to deliver low system power
- Integration delivering the de facto All Programmable platform
- Up to 5X system level performance per watt over Zynq®-7000 SoCs
- DDR4, LPDDR4, DDR3, DDR3L, LPDDR3 dynamic memory interfaces
- Most flexible and scalable platform for maximum reuse and best TTM
- Industry leading design tools, C/C++, open CL design abstractions
- PCIe® Gen2, USB3.0, SATA 3.1, DisplayPort, gigabit Ethernet high speed peripherals

ECCN / UNSPSC / COO

DESCRIPTION	VALUE
Country of Origin:	Taiwan (Province of China)
ECCN:	5A992.C
HTSN:	8542390090
Schedule B:	8542390060

In Stock : 6,136

Ships in 1 bus. day

Re

Additional inventory

Factory Lead Time: 22 Weeks

Price for: Each

Quantity:

Min: 1 **Mult:** 1

Need More? Click To Quote

USD $:

1+

SubTotal:

ADD TO

Your privacy is important to us.
We use cookies to enhance your experience when visiting our websites: performance cookies show us how you use this website, functional cookies remember your preferences and targeting cookies help us to share content relevant to you. Select "Accept all" for giving your consent to all cookies, select "Cookie settings" for managing the different cookies. You can change your cookie settings at any time by clicking on the cookie settings link on the bottom left of the website.

Best selling products

EK-U1-ZCU106-G

by AMD

Evaluation Kit, XCZU7EV-2FFVC1156, Zynq UltraScale+ MPSoC, 64bit, ARM Cortex-A53, Cortex-R5, NCNR

Price	Stock
$3501.575	2

BUY

EK-S7-SP701-G

by AMD

Evaluation Kit, Spartan-7 FPGA, MIPI CSI/DSI/HDMI, NCNR

Price	Stock
$905.113	18

BUY

In Stock : 6,136

Ships in 1 bus. day

Re

Additional inventory

Factory Lead Time: 22 Weeks

Price for: Each

Quantity:

Min: 1 **Mult:** 1

Need More? Click To Quote

USD $:

1+

SubTotal:

ADD TO

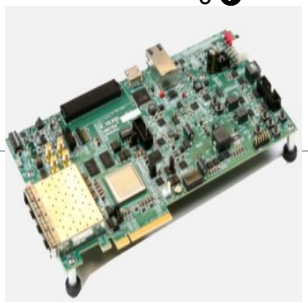
Your privacy is important to us.

We use cookies to enhance your experience when visiting our websites: performance cookies show us how you use this website, functional cookies remember your preferences and targeting cookies help us to share content relevant to you. Select "Accept all" for giving your consent to all cookies, select "Cookie settings" for managing the different cookies. You can change your cookie settings at any time by clicking on the cookie settings link on the bottom left of the website.

XC5VLX30T-1FFG665C
by AMD

Price	Stock
$604.8	0

BUY



EK-U1-KCU116-G
by AMD
Evaluation Kit, KCU116 Xilinx Kintex XCKU5P-2FFVB676E UltraScale+ FPGA, NCNR

Price	Stock
$7032.575	92

BUY

In Stock : 6,136
Ships in 1 bus. day

Re

Additional inventory
Factory Lead Time: 22 Weeks

Price for: Each

Quantity:

Min: 1 **Mult:** 1

Need More? Click To Quote

USD $:

1+

SubTotal:

ADD TO

Your privacy is important to us.
We use cookies to enhance your experience when visiting our websites: performance cookies show us how you use this website, functional cookies remember your preferences and targeting cookies help us to share content relevant to you. Select "Accept all" for giving your consent to all cookies, select "Cookie settings" for managing the different cookies. You can change your cookie settings at any time by clicking on the cookie settings link on the bottom left of the website.