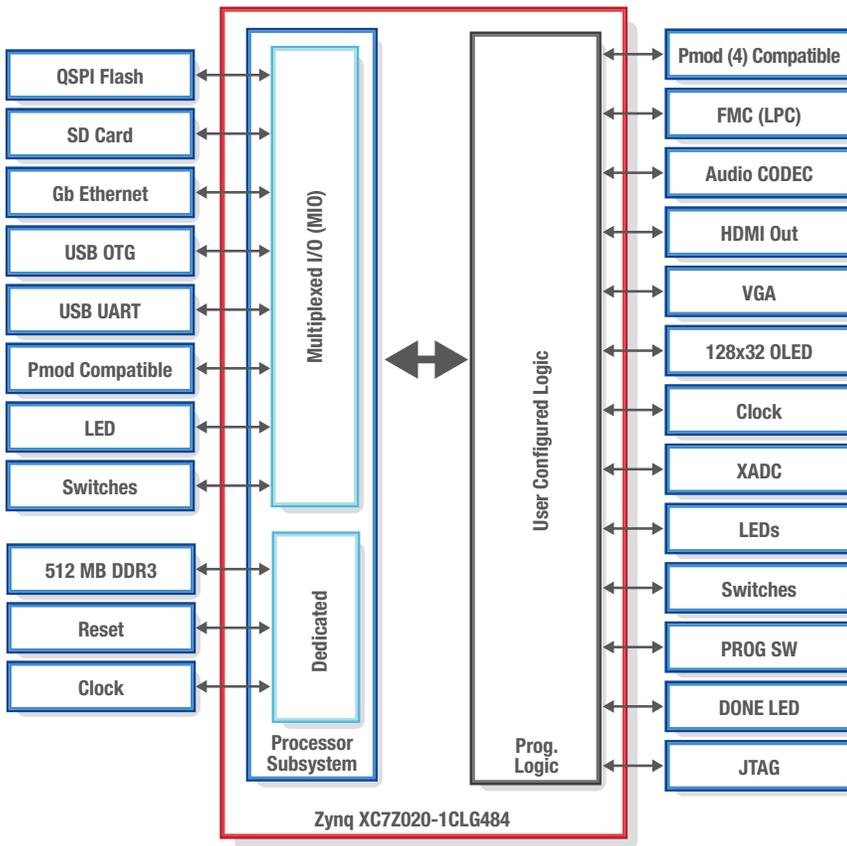# ZedBoard™

ZedBoard™

DESIGNED BY AVNET

ZedBoard is a low-cost development board for the Xilinx Zynq™-7000 SoC. This board contains everything necessary to create a Linux, Android, Windows® or other OS/RTOS-based design. Additionally, several expansion connectors expose the processing system and programmable logic I/Os for easy user access. Take advantage of the Zynq-7000 SoC's tightly coupled ARM® processing system and 7 series programmable logic to create unique and powerful designs with ZedBoard. ZedBoard is supported by the www.zedboard.org community website where users can collaborate with other engineers also working on Zynq designs.

Kit Includes

>> Avnet ZedBoard 7020 baseboard
>> 12 V AC/DC power supply
>> 4 GB SD Card
>> Micro-USB cable
>> USB Adapter: Male Micro-B to Female Standard-A
>> Getting Started Guide
>> ISE® WebPACK™ with device-locked ChipScope license

To purchase the ZedBoard, visit www.zedboard.org

Features

>> Zynq™-7000 SoC XC7Z020-CLG484-1
>> Memory
  >> 512 MB DDR3
  >> 256 Mb Quad-SPI Flash
  >> 4 GB SD card
>> Onboard USB-JTAG Programming
>> 10/100/1000 Ethernet
>> USB OTG 2.0 and USB-UART
>> PS & PL I/O expansion (FMC, Pmod™ Compatible, XADC)
>> Multiple displays (1080p HDMI, 8-bit VGA, 128 x 32 OLED)
>> I²S Audio CODEC

Target Applications

>> Video processing
>> Motor control
>> Software acceleration
>> Linux/Android/RTOS development
>> Embedded ARM® processing
>> General Zynq™-7000 SoC prototyping

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electronics marketing

Block Diagram

Sponsors

Featured

Ordering

Part Number	Description	Resale
AES-Z7EV-7Z020-G	ZedBoard Commercial Edition (Available Exclusively from Avnet)	$395 USD
ZEDBOARD	ZedBoard Academic Edition (Available Exclusively from Digilent)	$299 USD

To purchase this kit, visit www.zedboard.org

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