



MPSoC Module with AMD Zynq™ UltraScale+™ ZU4EV-1E, 4 GByte DDR4, low profile

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Coduri CPV

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Pretul estimativ: 3.629,00 RON - 3.629,00 RON

Descriere: AMD/Xilinx Zynq™ UltraScale+™ XCZU4EV-1SFVC784E ZU4EV, 784 Pin Packages Application Processor: Quad-Core ARM Cortex-A53 MPCore Real-Time Processor: Dual-core ARM Cortex-R5 MPCore Graphics Processor: Mali-400 MP2 Four high-speed serial I/O (HSSIO) interfaces supporting following protocols: PCI Express interface version 2.1 compliant SATA 3.1 specification compliant interface DisplayPort source-only interface with video resolution up to 4k x 2k USB 3.0 specification compliant interface implementing a 5 Gbit/s line rate 1 GB/s serial GMII interface 34 x High Performance und 96 x High Density PL I/Os 14 x PS MIOs (6 of the MIOs intended for SD card interface in default configuration) 4 x serial PS GTR transceivers Rugged for shock and high vibration Graphic Processing Unit (GPU) Plug-on module with 2 x 100-pin and 1 x 60-pin Razor Beam High-Speed hermaphroditic Terminal/Socket Strips (regular 4 mm) 4 GByte DDR4 SDRAM, 32-Bit databus-width 128 MByte QSPI boot Flash in dual parallel mode 8 GByte e.MMC Memory (up to 64 GByte) Programmable quad PLL clock generator PLL for PS GTR clocks (optional external reference) Gigabit Ethernet transceiver PHY MAC address serial EEPROM with EUJ-48 node identity Hi-speed USB2 ULPI transceiver with full OTG support All power supplies on board Evenly spread supply pins for good signal integrity size: 4 x 5 cm Other assembly options for cost or performance optimization plus high volume prices available on request. Recommended Software Vivado ML Stand
