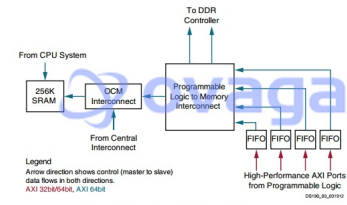Dual ARM? Cortex?-A9 MPCore? with CoreSight? System On Chip (SOC) IC Zynq?-7000 Kintex?-7 FPGA, 275K Logic Cells 256KB 800MHz 900-FCBGA (31x31)

Images are for reference only

Manufacturers	AMD Xilinx, Inc
Package/Case	BGA-900
Product Type	System On Chip (SoC)
RoHS	
Lifecycle	

Please submit RFQ for XC7Z035-2FFG900I or Email to us: sales@ovaga.com We will contact you in 12 hours.

RFQ

General Description

XC7Z035-2FFG900I is a part number from Xilinx, a leading supplier of Field Programmable Gate Array (FPGA) and System on Chip (SoC) solutions. Specifically, it refers to a member of the Zynq-7000 family of SoCs, which combines programmable logic and processing system functionality onto a single chip.

Features

Dual-core ARM Cortex-A9 processor with NEON and single/double precision floating point support

FPGA fabric with 53,200 logic cells and 140 DSP slices

1GB DDR3 memory interface

Gigabit Ethernet, USB 2.0, and SD/SDIO interfaces

Multiple high-speed serial transceivers supporting up to 6.6Gbps

Application

Industrial automation and control systems

Medical devices and equipment

Aerospace and defense systems

Automotive electronics
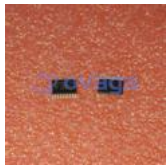
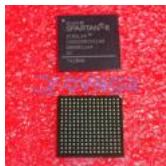Video and imaging processing

High-performance computing

Figure 4 Block Diagram DDR Memory Subsystem
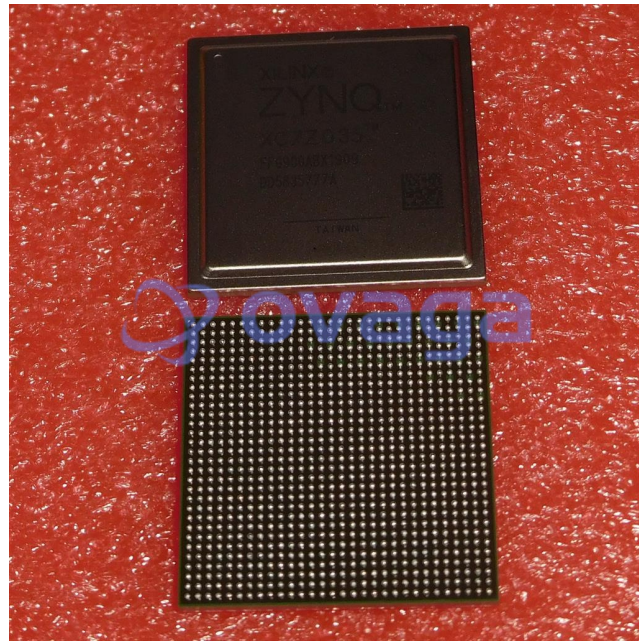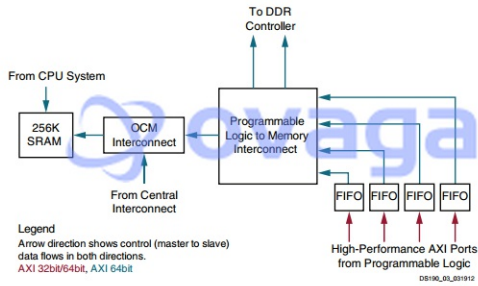
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TSSOP20
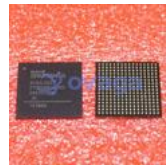
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BGA256

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AMD Xilinx, Inc

TSOP48