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xilinx inc 泽林克斯 was an american technology and semiconductor company that primarily supplied programmable logic devices the company is known for inventing the first commercially viable field programmable gate array fpga it also created the first fabless manufacturing model 4 5 6

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field programmable gate array wikipedia

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a spartan fpga from xilinx a field programmable gate array fpga is a type of configurable integrated circuit that can be programmed or reprogrammed after manufacturing fpgas are part of a broader set of logic devices referred to as programmable logic devices plds

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