

FPGA architecture

Monday, 23 June 2025 11:30 (1 hour)

Overview of all the elements of an FPGA. Configurable logic blocks, Switch Matrix, I/O blocks, Look Up Tables, Storage elements, Memories, Shift registers, Multiplexers, Carry logic, Clock distribution, Clock buffers, Clock Management tile, FIFOs, Digital Signal Processors

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Session Classification: Introduction to VHDL