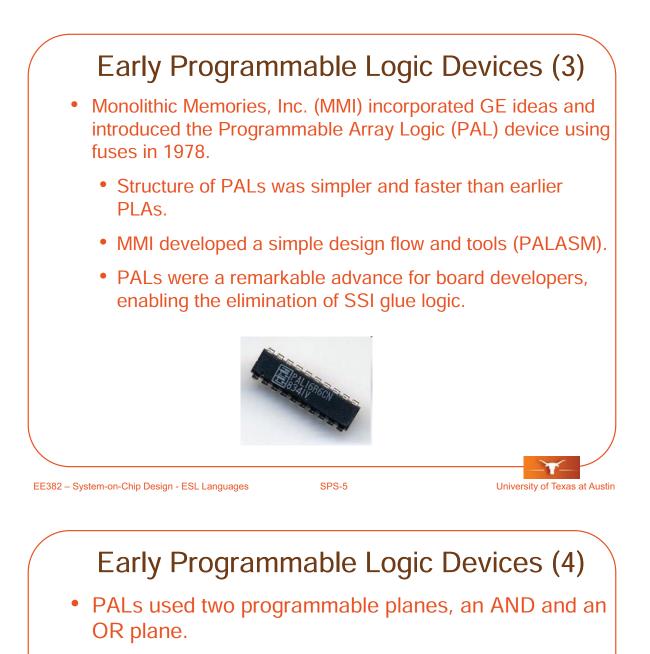


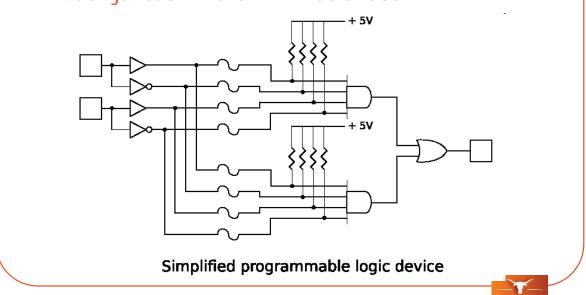


- In 1971, General Electric combined PROM technology with gate array structures to produce the first programmable logic device not requiring mask programming
 - Experimental only -never released
- The GE device was the first field programmable logic device.
 - · Customized by the end-user
 - Low NRE costs and fast time-to-market



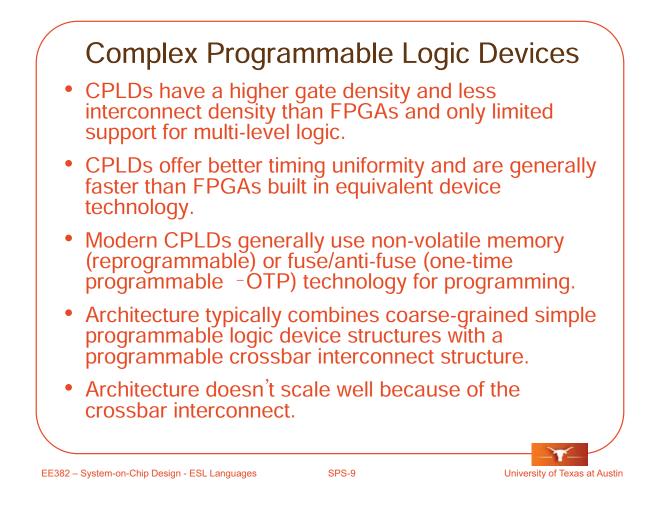


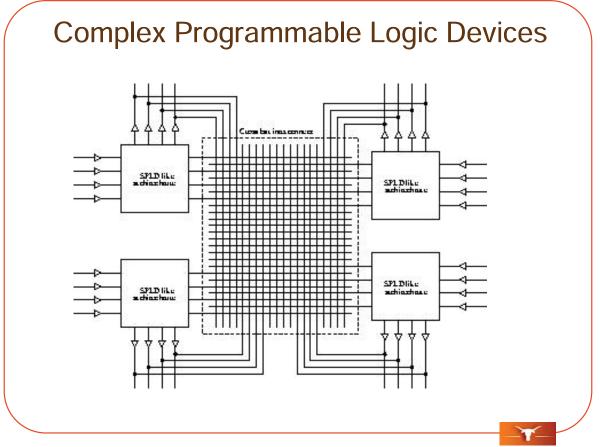
• Each junction in the PAL was a fuse.

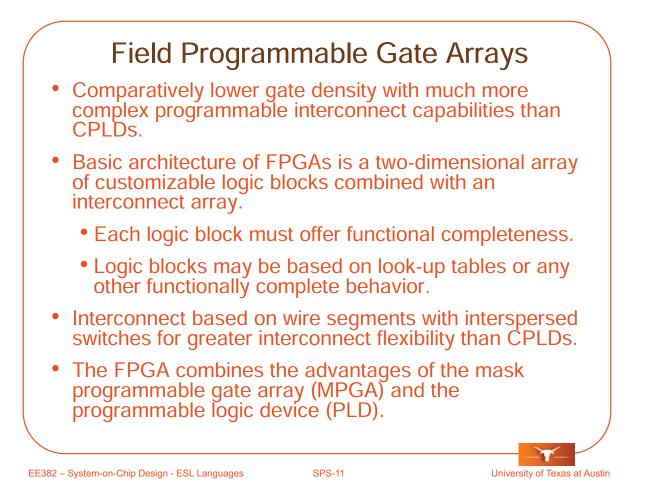


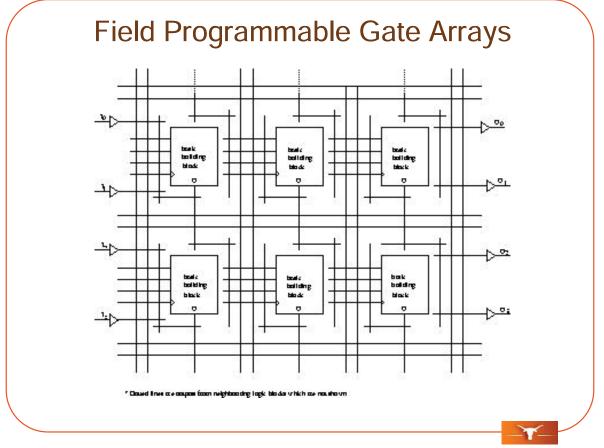




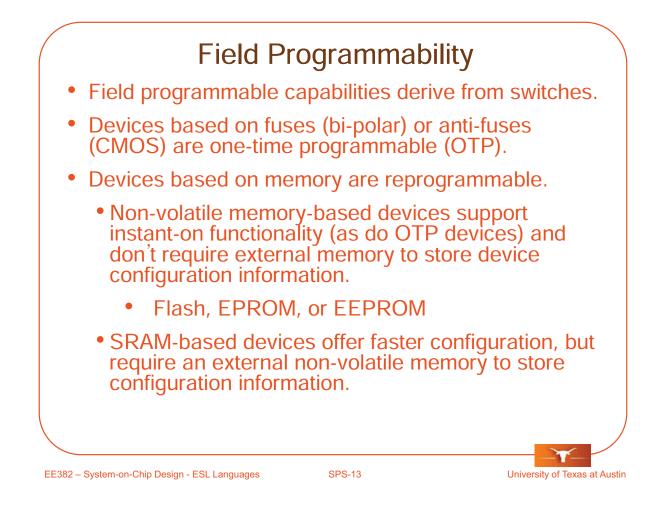


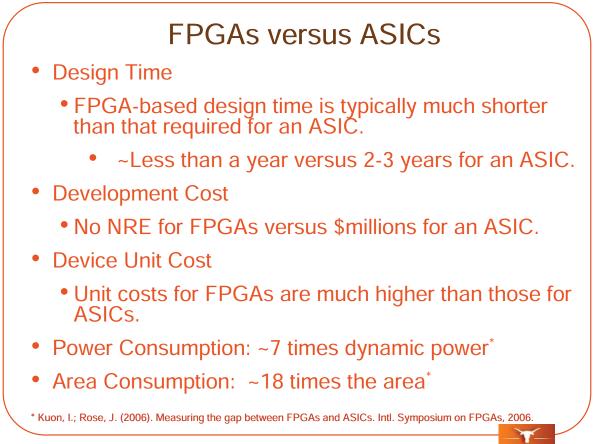


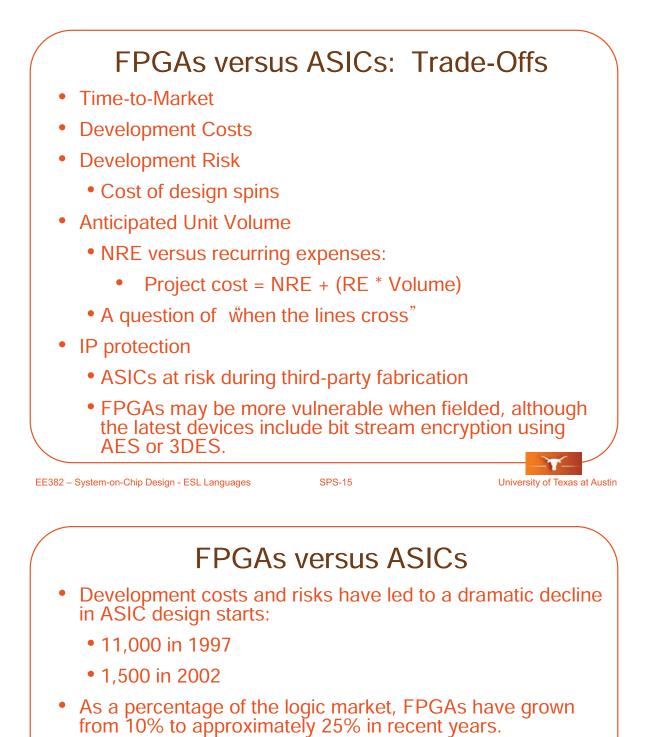




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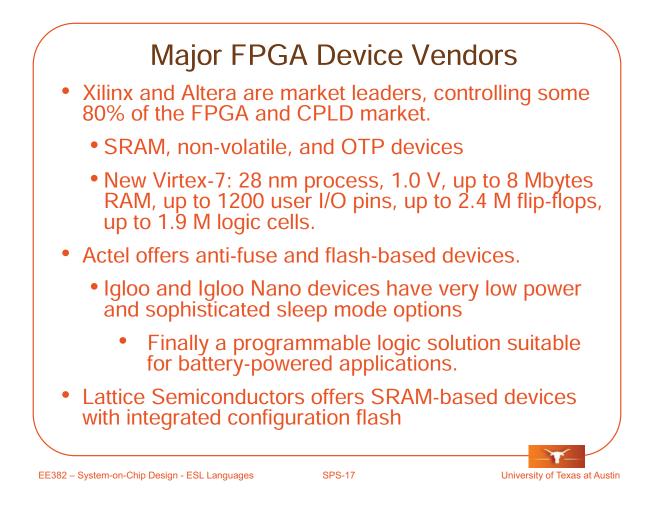


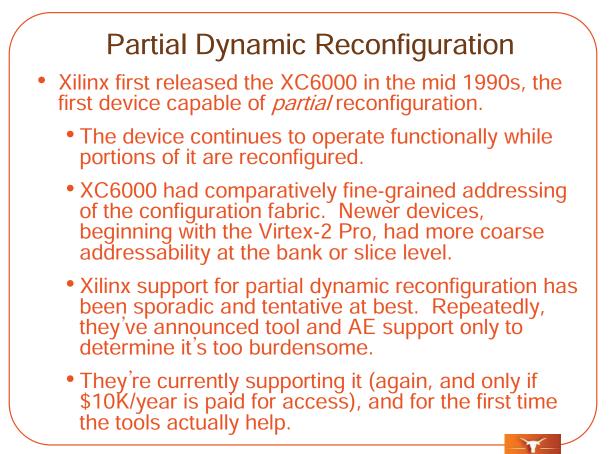


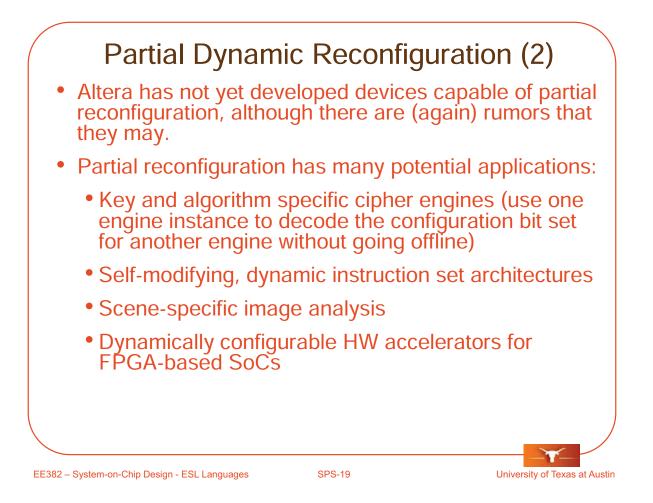


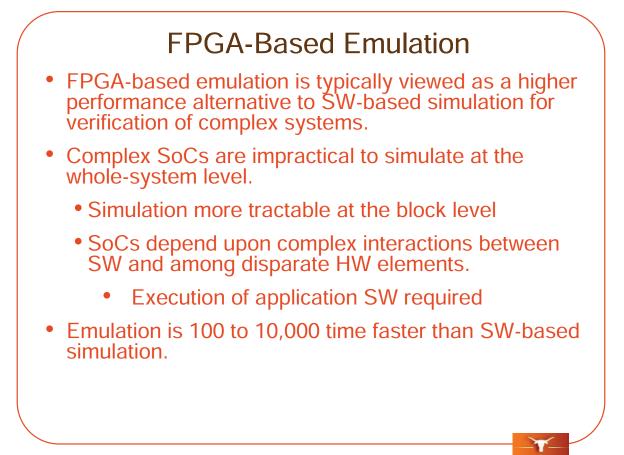
FPGAs are the fastest growing segment of the semiconductor market.

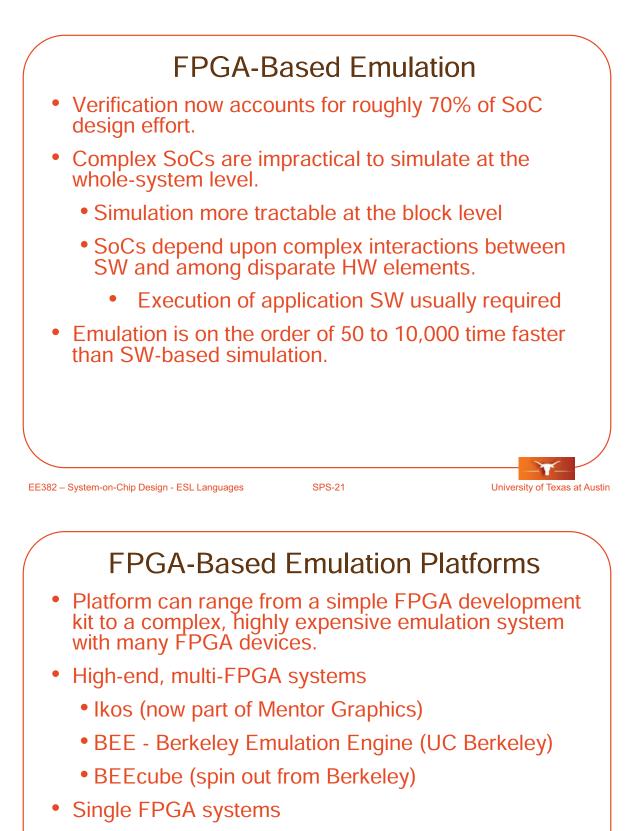












• FPGA evaluation/development kits



