The XS40-005XL Board is perfect for experimenting with FPGA designs, microcontroller programming, or hardware/software codesign. The 9,000-gate XC4005XL FPGA operates at 5V so you can connect it to commonly available TTL chips. Digital logic designs can be loaded into the FPGA. The microcontroller can use the FPGA as a coprocessor. The 32-KByte SRAM can store microcontroller programs/data or serve as general-purpose storage for FPGA-based designs.

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