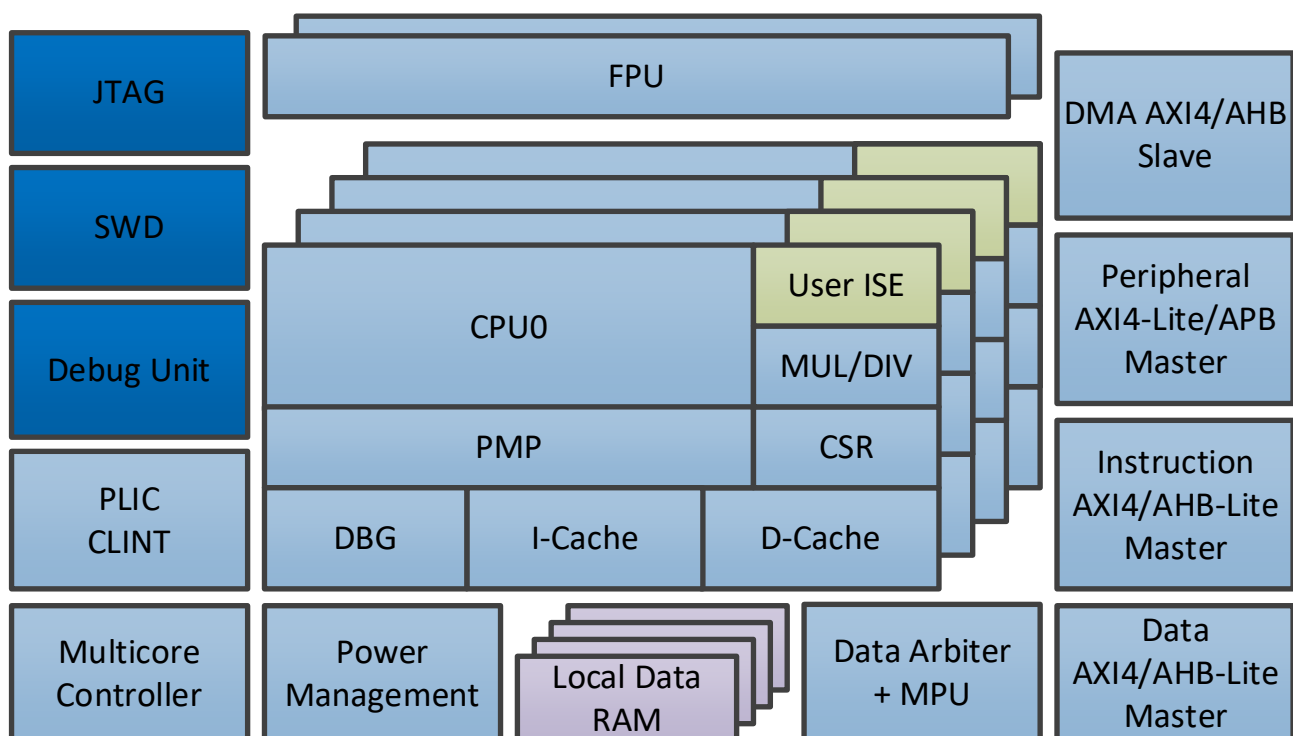


32-bit High Performance CCRV32ST-C Processor Core

Features

- High Performance 32-bit RISC CPU
- Proprietary 6-stage pipeline
- RV32GCX instruction set
- Single or multicore implementation
- Up to 1.38 DMIPS/MHz/Core
- Up to 2.10 CoreMark/MHz/Core
- Custom instruction set extension
- Power-down mode
- Set-associative caches with data snooping and parity
- On-chip debug support
- Separate or joint Instruction/Data interface
- JTAG and 2-pin Serial Wire Debug
- Free GNU-Based C/GDB toolchain
- Cycle accurate simulator
- Synthesizable RTL Verilog source code



office@chipcraft-ic.com

www.chipcraft-ic.com