

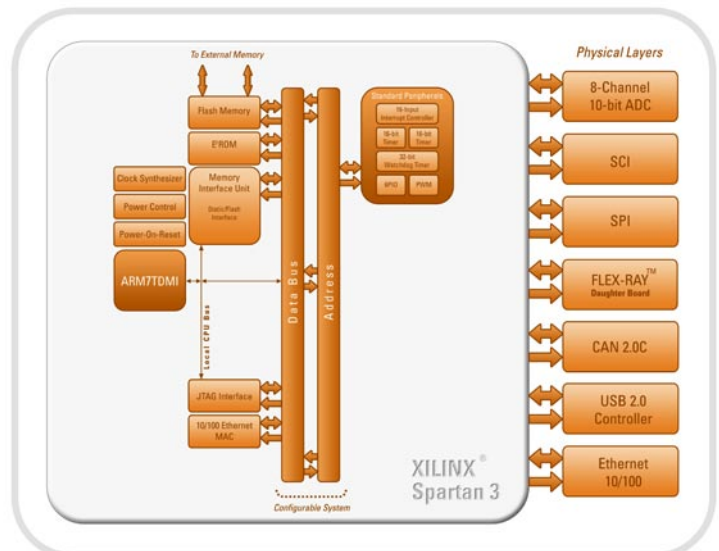
X-1500

32-bit Field Configurable Automotive ECU Platform

Physical Layers Include: FlexRay™ (daughter board), CAN (High & Low Speed), LIN, K-Line, UART, SPI, SCI (RS232), 10/100 Ethernet, JTAG, USB 2.0, & 10-bit ADC

Features:

- Based on the Spartan 3 - XC3S1500 - 1.5 Million Gate FPGA
- Running ARM7TDMI-S® or MicroBlaze™ Processor Core
- 8 Channel 10bit ADC
- 1Mb SRAM Memory - 256k x 32bits
- 8Mb Flash Memory - 2Mb x 32bits
- 50 MHz Clock Synthesizer
- 3 Push Buttons
- 8 LED's



Block Diagram of the Si-Gate X-1500 Field Configurable System-On-Chip

Standard Peripheral Configurations - (Bit streams for Physical Layers are not included)

Part No. SDP-XC3S1500-10

2 X CAN 2.0C
LIN
USB 2.0
RS232

Part No. SDP-XC3S1500-20

2 X CAN 2.0C
SPI
UART
JTAG
RS232
USB 2.0
Ethernet 10/100
LIN

Part No. SDP-XC3S1500-Flex

FlexRay (Daughter Board)
2 X CAN 2.0C
SPI
UART
JTAG
RS232
USB 2.0
Ethernet 10/100
LIN

Built to order configurations gladly built upon request.

Contact Information