

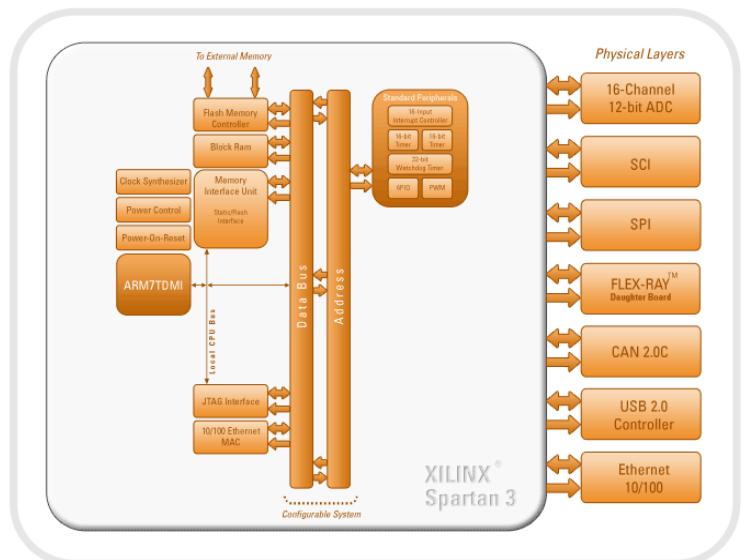
# X-1500

## 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
- 16 Channel 12bit 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	Part No. SDP-XC3S1500-20	Part No. SDP-XC3S1500-Flex
2 X CAN 2.0C	2 X CAN 2.0C	FlexRay (Daughter Board) Part No. SDP-XC3S1500-FRB
LIN	SPI	2 X CAN 2.0C
USB 2.0	UART	SPI
RS232	JTAG	UART
	RS232	JTAG
	USB 2.0	RS232
	Ethernet 10/100	USB 2.0
	LIN	Ethernet 10/100
		LIN

Built to order configurations gladly built upon request.

### Contact Information