

IP Portfolio Summary

CPU & Subsystems	High-Speed Interfaces	I/O & Interfaces	Converters	Power & Analog
8-bit 8051	USB 2.0 OTG PHY	LVC MOS	10-bit Pipeline ADCs up to 160MSPs	Low Noise Amplifiers
32-bit BA12 & BA22	USB 2.0 Controller	HSTL	12-bit Pipeline ADCs up to 100 MSPs	Comparators
32-bit ARM7/9	PCI Express 1.1 PHY	SSTL 1.5V, 1.8V, 2.5V, 3.3V	10-bit Current Steering DACs up to 210 MSPs	Op-Amps
DDR & DDRII Controllers	PCI Express Controller	SSTL for DDR & DDRII	12-bit Current Steering DACs up to 210 MSPs	Analog Switches
SDRAM Controller	2.5Gb/s SerDes	LVDS up to 1Gbps	14-bit SAR ADCs	Analog Multiplexers
Flash/SRAM Controller	MIL-STD-1553 Controller	LVPECL	12-bit Delta Sigma DACs	Self-Calibrated & On-Die Termination
OTP Memory	CAN Controller	DDR PHY up to 500 Mb/s	Video AFE	PLLs/DLLs
PCI/PCIX I/O & Controllers		DDRII PHY up to 800 Mb/s		Regulators
10/100/1000 Ethernet MAC		MDDR PHY up to 500 Mb/s		Band Gap Reference
16550 UART, Timer, GPIO				Charge Pumps
3DES/AES Encryption				Power on Reset