

Acconsys 公司 IP 清单

以下 IP 除 PHY 以外都是 RTL 代码的软 IP

种类	功能	名称	说明	
PCI	PCI		软（代码）硬 IP，可分别用于 FPGA 和 ASIC	
	PCI-X		软（代码）硬 IP，可分别用于 FPGA 和 ASIC	
	PCI-E	1 lane		软（代码）硬 IP，可分别用于 FPGA 和 ASIC
		4 lane		软（代码）硬 IP，可分别用于 FPGA 和 ASIC
8 lane			软（代码）硬 IP，可分别用于 FPGA 和 ASIC	
USB	Full Speed OTG	MUSBFDRC	USB Full Speed OTG Controller	
	High/Full Speed Multipoint OTG	MUSBMHDC	USB High/Full Speed Multi-Point OTG Controller	
	Function Controllers	MUSBHSFC	USB 2.0 High/Full Speed Function Controller	
PHY	MUSBFPHY	TSMC 130G USB Full Speed Transceiver at TSMC 130nm G Process		
Ethernet	MAC	PE-MACMII	10/100 Mbps Dual-speed Ethernet MAC	
		PE-MCXMAC	10/100/1000 Mbps Triple-speed Ethernet MAC	
		A-XGMAC	10 Gbit Ethernet MAC	
	PHY	PE-PMD	TP-PMD Interface for PE-MACMII	
		PE-TBI	10-bit Interface module for PE-MCXMAC	
		PE-SMII	SMII PHY Interface for PE-MACMII	
		PE-RMII	RMII PHY Interface for PE-MACMII	
		PE-Endec	10T Endec Interface for PE-MACMII	
		M-SGMII	M-SGMII Serial Gig Conversion	
		M-XGXS	XGMII Extender Sublayer (XAUI) for a 10G MAC	
		M-XGPCSR	PCSR SerDes interface for a 10G MAC	
	Supporting Modules	PE-SAL	Station Address Logic module for Ethernet MAC	
		PE-MSTAT	Statistics Module for Ethernet MAC	

		A-MCXFIF	FIFO Interface for PE-MCXMAC	
		A-XGFIF	10 Gbit FIFO I/F	
		M-AHBE	AHB Interface DMA controller	
		M-MIIFIF	FIFO Interface for PE-MACMII	
8051		M8051	8-bit Microcontroller	
		M8052	8-bit Microcontroller	
		M8051W	Fast 8-bit Microcontroller	
		M8051EW	Fast 8-bit Microcontroller with on-chip debug	
Storage	PCMCIA	BK-3712	PCMCIA Host Controller	
		BK-3713	PCMCIA Target Controller	
	Serial ATA	BK-3719	Serial ATA Host Controller	
		BK-3721	Serial ATA Device Controller With DMA	
		BK-3720	Serial ATA Device Controller Without DMA	
	Parallel ATA	BK-3710SD	Parallel IDE Host Ultra ATA Speedselect w/DMA	
		BK-3710-133D	Parallel IDE Host Ultra ATA-133 w/DMA	
		BK-3710-100D	Parallel IDE Host Ultra ATA-100 w/DMA	
		BK-3710-66D	Parallel IDE Host Ultra ATA-66 w/DMA	
		BK-3710RD	Parallel IDE Host Ultra ATA-133 w/RAID & w/DMA	
		BK-3708-133	Parallel IDE Device Ultra ATA-133 w/DMA	
		BK-3708-100	Parallel IDE Device Ultra ATA-100 w/DMA	
		BK-3709-133	Parallel ATA Host Controller Without DMA - 133Mhz	
		BK-3709-100	Parallel ATA Host Controller Without DMA - 100Mhz	
BK-3709-66		Parallel ATA Host Controller Without DMA - 66Mhz		
BK-37102D	StorSelect-DS w/DMA			
Controller		MPCI32	32-bit 33/66MHz PCI Peripheral Core	
		MCAN2	CAN 2.0 Network Controller	
		MI2CV	I2C Bus Interface with synchronous CPU I/F	
		MI2Cv2	I2C V2.0 Bus Interface	
		M16550S	Enhanced UART with FIFOs and Synchronous CPU I/F	
		M16x50	Enhanced UART with FIFOs and IrDA support	