芯动科技（Innosilicon）

Current Silicon Readiness SMIC/TSMC/Samsung/GF/UMC/HLMC Process		5/3nm	7/6nm	10/8nm	16/14/12nm	28/22nm	40nm	65/55nm	130/110nm
High Speed PHY/ Controller	UCIe Chiplet (INNOLINK™ A/B/C)	√	√	√	√	√			
	HBM2e/3 PHY & Controller Combo	√	√	√	√				
	DDR5/LPDDR5X/5 PHY & Controller	√	√	√	√	√			
	GDDR6/6X Combo PHY & Controller	√	√	√	√	√			
	DDR4/3/LPDDR4X/4/3 PHY & Controller,up to 4333 Mbps	√	√	√	√	√	√	√	√
	USB4/3.2/3.0/2.0/HSIC PHY (Host/Device/OTG/Hub)	√	√	√	√	√	√	√	√
	32G/56G/64G High Speed SerDes	√	√	√	√				
	PCIe6(5,4,3)/CXL/SATA3/GE PHY/UFS/RapidIO3/JESD204B/204C PHY	√	√	√	√	√	√	√	
	CXL2.0 PHY		√		√				
	V-By-One PHY		√	√	√	√	√	√	√
	HDMI2.1/HDMI2.0/eDP PHY & Controller		√	√	√	√	√	√	√
	MIPI C-PHY/D-PHY/LVDS Combo, MIPI CSI/DSI, MIPI M-PHY(DigRF v4)	√	√	√	√	√	√	√	√
AD, DA, Codec (ADC, DAC)	Cap/Capless Audio Codec (96dB)		√	√	√	√	√	√	√
	HD Video DAC (10 bit up to 350Mhz)		√	√	√	√	√	√	√
	Pipe-line ADC,SAR ADC,12 bit high speed ADC,Low Power ADC		√	√	√	√	√	√	√
Analog and Digital Building Blocks	Temp/Voltage Sensor,HF&UHF RFID,High Speed PLL, DLL,ESD,I/O,RTC,POR	√	√	√	√	√	√	√	√
	PUF Security (Physical Unclonable ID/Key)	√	√	√	√	√	√	√	√
	1080P Low Power ISP Digital Core		√	√	√	√	√	√	√
IP Customization & Integration	IP Porting and Customization	√	√	√	√	√	√	√	√
	Full Production、Test Chip Prototype & MPW Services	√	√	√	√	√	√	√	√

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