

Category	Process (nm)	Description
SerDes PHY	16	PCIe G4, 16Gbps, 4 Lane (PMA+PCS)
SerDes PHY	16	PCIe G5, 32Gbps, 4 Lane (PMA+PCS)
SerDes PHY	16	PCIe G6, 64Gbps, 4 Lane (PMA+PCS)
SerDes PHY	22/28	MIPI DPHY 2G (Tx+Rx) + PLL
SerDes PHY	28	MIPI MPHY G3 (2.9Gbps, can upgrade to 5.8G)
SerDes PHY	28	LVDS Transceiver (1Gbps)
ADC	28	General Purpose 1MSPS 12bit ADC
ADC	28	2GSPS 7bit ADC with VGA for Serdes PHY
ADC	28	8CH 5MSPS 16bit SAR ADC with Synchronous Sampling
ADC	28	Dual Channel Low Power 2X80MSPS 10bit ADC
ADC	40/55	205 MHz 10bit Video ADC (Analog Flat Panel)
ADC	55	5-Channel 10bit 189MSPS ADC for Digital Video Processing
ADC	180	Ultra Low Power 5MSPS 14bit SAR ADC
ADC	250	Ultra Low Noise 24bit 10SPS ADC with PGA
DAC	28	General Purpose Voltage Mode 1MSPS 12bit DAC
PLL	28	PLL 2GHz
PLL	65	770MHz Spreads-Spectrum Deskew PLL
PLL	65	312MHz 6-phase PLL for 3G Cell Phone Dig RF
PLL	90	756MHz Spreads-Spectrum Deskew Clock Generator PLL
PLL	90	PLL 1.296GHz
PLL	130	700MHz Spreads-Spectrum Deskew PLL
Power Management	40	Capless Ultra Fast Transient 100mA LDO
Power Management	55	Ultra Low Ripple 1.5X/2X Charge Pump Regulator
Power Management	90	500KHz 400mA DC-DC Synchronous Buck Converter
Power Management	250	Ultra Low Noise 230mA LDO for RF Transceiver
Sensor	40	Accurate(1.5C) Temperature Sensor (with 12bit ADC)
Touch Sensor	40	16 Keys Capacitance Touch Sensor (with 12bit ADC)
XTAL OSCILLATOR	40	Ultra Low Power 32768Hz XTAL Oscillator
XTAL OSCILLATOR	40	Ultra Low Power 26MHz XTAL Oscillator
RC OSCILLATOR	55	Ultra Low Power Tempcoef 4-48MHz RC Oscillator
I/O	40	5V Tolerant Robust 200MHz GPIO
I/O	40	LVDS, LVCMOS