

## Key ASIC 130nm IP List

IP List - 130nm CMOS / Silterra CL130G	IP Part Number
<b>ANALOG AND INTERFACE IP</b>	
USB 2.0 OTG	KA13USBOTG20
USB 2.0 OTG with preconnected special IOs	KA13USBOTG20_W_IOS_M6
LVDS TX 165MHz	KA13GLVDSTX165
LVDS RX 165MHz	KA13GLVDSRX165
Ethernet 10/100 PHY	KA13ETHB33
1394 PHY	KA131394
SSTL-18 (1.8V IO)	KA13SSTL18
HSTL III (1.8V IO)	KA13HSTL18
PCI Express PHY	KA13PCIEX
Serial ATA-2 PHY	KA13SATA20
CE ATA IO	KA13GMMC41
PLL Spreadpectrum M/N prescaler, 100MHz-1GHz	KA13SSPLL
PLL - Clock Sync. M/N prescaler, 100MHz-1GHz	KA13FSPLL
DLL - 100MHz-700MHz	KA13DLL
DDR2 PHY	KA13DDR2
Audio Codec, Stereo 16-bit ADC, 16-bit-DAC	KA13ACDC
Bandgap Reference	KA13GBGC
Power On Reset	KA13GPOR01
Analog Mux - 4 channel	KA13GAMX04
3-Channel 10-bit 240 MHz ADC + AFE	KA13VAFE240
3-Channel 8-bit 150 MHz ADC + AFE	KA13VAFE150
3-Channel 12-bit 108 MHz DAC	KA13D312110
3-Channel 10-bit 115 MSPS DAC	KA13D310120
8-bit 1MHz ADC	KA13A181
2-Channel 10-bit 80Mhz A/D	KA13A21080
2-Channel 10-bit 80Mhz D/A	KA13D21080
4-Channel 8-bit 20MHz A/D	KA13A4820
DC-DC Boost Converter (1.2V in, 3.3/2.5/1.8V out)	KA13DCDC12
DC-DC Buck Converter (3.3V in, 1.8/1.2V out)	KA13DC33DC12
Voltage Regulator (3.3/1.8V in, 2.5/1.8/1.2V out)	KA13GVRG12
6-bit PGA 46 MHz (Programmable Gain Amplifier)	KA13GPGA64
<b>ARM Processor</b>	
ARM926EJS, 4/8/16/32K I/D Cache	KA13ARM926-XX
ARM926EJS, 4/8/16/32K I/D Cache - High Performance	KA13ARM926-XX-HP
ARM926EJS, 4/8/16/32K I/D Cache - Low Power	KA13ARM926-XX-LP
ARM 946ES with 4K/8K/16K/32K I/D Cache	KA13ARM946-XX