

Technology	TSMC 130 nm CMOS
Radiation hardness	> 4 MGy, tolerant
Pixel size (analogue part)	55 μm \times 55 μm (55 μm \times 14.5 μm)
Peak rate per (per pixel)	9×10^8 hits/s (5×10^4 hits/s)
Maximum of charge distribution	16 000 e^-
Minimum threshold	500 e^-
Timing resolution (range)	25 ns (9 bits)
Super-pixel data size	30 bits
Maximum data rate per	20.48 Gbit/s
Power consumption per	~ 1.2 W (spec. 3 W)