

	PSI46dig	PROC600
Detector layer	BPIX L2–L4 and FPIX	BPIX L1
ROC size	$10.2 \times 7.9 \text{ mm}^2$	$10.6 \times 7.9 \text{ mm}^2$
Pixel size	$100 \times 150 \mu\text{m}^2$	$100 \times 150 \mu\text{m}^2$
Number of pixels	80×52	80×52
In-time threshold	$< 2000 e^-$	$< 2000 e^-$
Pixel hit loss	$< 2\%$ at 150 MHz/cm^2	$< 3\%$ at 580 MHz/cm^2
Readout speed	160 Mb/s	160 Mb/s
Maximum trigger latency	$6.4 \mu\text{s}$	$6.4 \mu\text{s}$
Radiation tolerance	120 Mrad	120 Mrad