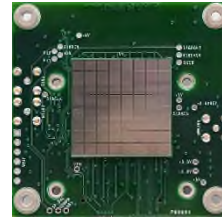


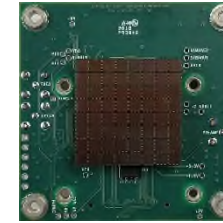
Selection Guide for 64 Channel SiPM & MPPC Sensor Interface Products



SIB464



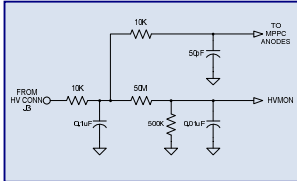
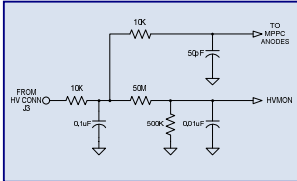
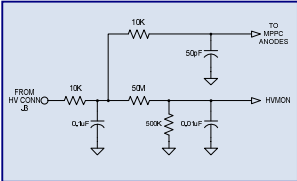
SIB764



SIB864



SIB1064

Compatible Sensor	ArrayJ-60035-64P	S13361-3050NE-08	PA3325-WB-0808	S13615-1025N-08
Sensor Manufacturer	On Semiconductor	Hamamatsu	Ketek	Hamamatsu
Sensor Type	Silicon Photomultiplier Array	Multi-Pixel Photon Counter Array	Silicon Photomultiplier Array	Multi-Pixel Photon Counter Array
Number of Channels	64	64	64	64
Configuration	8 x 8 Array	8 x 8 Array	8 x 8 Array	8 x 8 Array
Array Attachment Method	Socket	Surface Mount Soldered	Socket	Surface Mount Soldered
Sensor Coupling Circuit	Direct Coupled	Direct Coupled	Direct Coupled	Direct Coupled
Detector Bias Current Sense	Yes (Common for all Elements)	Yes (Common for all Elements)	Yes (Common for all Elements)	Yes (Common for all Elements)
High Voltage Power Supply	On-Board Positive Supply	External Negative Input	External Negative Input	External Negative Input
High Voltage Power Supply Interface Circuit	Low Impedance Positive Bias Supply with Current Sense			
Pulse Processing Functions	Preamp / Discriminator with Adjustable Energy Threshold	Common Anode Current Sense with Preamp Output Discriminator with Adjustable Threshold	Common Anode Current Sense with Preamp Output Discriminator with Adjustable Threshold	Common Anode Current Sense with Preamp Output Discriminator with Adjustable Threshold
Dimensions	57.4 mm x 57.4 mm	57.4 mm x 57.4 mm	57.4 mm x 57.4 mm	57.4 mm x 57.4 mm



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