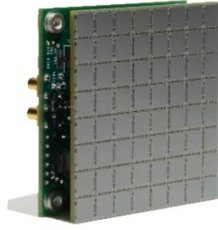
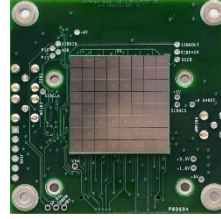


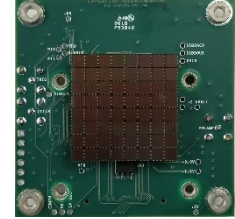
# Selection Guide for 64 Channel SiPM & MPPC Sensor Interface Products



**SIB464**



**SIB764**

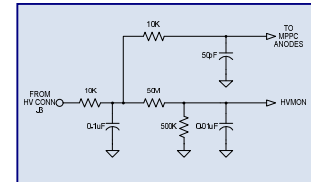
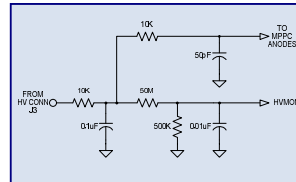


**SIB864**

<b>Compatible Sensor</b>	ArrayC-60035-64P	S13361-3050NE-08	PA3325-WB-0808
<b>Sensor Manufacturer</b>	SensL	Hamamatsu	Ketek
<b>Sensor Type</b>	Silicon Photomultiplier Array	Multi-Pixel Photon Counter Array	Silicon Photomultiplier Array
<b>Number of Channels</b>	64	64	64
<b>Configuration</b>	8 x 8 Array	8 x 8 Array	8 x 8 Array
<b>Array Attachment Method</b>	Socket	Surface Mount Soldered	Socket
<b>Sensor Coupling Circuit</b>	Direct Coupled	Direct Coupled	Direct Coupled
<b>Detector Bias Current Sense</b>	Yes (Common for all Elements)	Yes (Common for all Elements)	Yes (Common for all Elements)
<b>High Voltage Power Supply</b>	On-Board Positive Supply	External Negative Input	External Negative Input

**High Voltage Power Supply Interface Circuit**

Low Impedance Positive Bias Supply with Current Sense



<b>Pulse Processing Functions</b>	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
<b>Dimensions</b>	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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