

Selection Guide

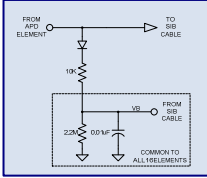
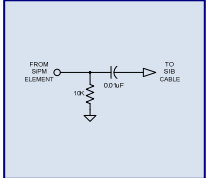
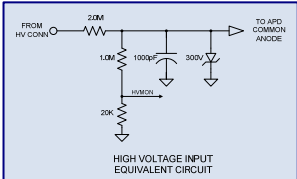
SiPM & APD Sensor Interface Products



SIB216

SIB2316

SDS232

Compatible Sensor	500038 (AD-LA-16-9-DIL18)	SPMArray2	SiPMs, APDs, PMTs
Sensor Manufacturer	Silicon Sensor (Pacific Silicon Sensor)	SensL	-
Sensor Type	Avalanche Photodiode Array	Silicon Photomultiplier Array	Multiple Single Element, Negative Bias
Number of Channels	16	2 x16	Up to 32
Configuration	Linear	Dual 4 x 4 Array	-
Sensor Coupling Circuit			Direct Coupling
Detector Bias Current Sense	No	Yes (Dual)	No
High Voltage Power Supply Input	Yes	On-Board Supply	No
High Voltage Power Supply Interface Circuit		Dual Low Impedance Negative Bias Supply with Individual Current Sense	-
Pulse Processing Functions	No	Dual Preamplifier Dual Discriminator with Adjustable Energy Threshold Coincidence Detection to 5 nsec Expandable to 8 Arrays and 128 channels	No
Dimensions	76 mm x 64mm	84 mm x 102 mm	250 mm x 85 mm x 260 mm (W) x (H) x (D)



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