

















## J-SERIES SIPM ARRAY

### JSiPM

JSiPM: JSiPMTSVPCBArrayJ3 mm4 mm6 mmArrayJBGA1

- High fill-factor, scalable arrays
  - Variety of formats ranging from 2×2 to 8×8
  - Minimal deadspace, with fill factors of >90%
  - Each array as either a multi-way connector or BGA on the reverse for access to all signals
  - The pixel signals can either be read out individually for imaging applications, or summed by the user to create a large area, single-channel sensor
  - The pixel-level performance is exactly as per that of the individual J-Series sensors
  - Optional evaluation boards are available for easy access to signals
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- Medical Imaging
  - Hazard & Threat
  - 3D Ranging & Sensing
  - Biophotonics & Sciences
  - High Energy Physics

	Pricing (\$/Unit)	Compliance	Status	Type	Array Format	Active Area Dimensions	Microcell Size (μm)	Optimized Wavelength (nm)	PDE @ Max Overvoltage (%)	DCR @ Typical Overvoltage (kHz/mm)	Package Type
ARRAYJ-30020-16P-PCB		 	Active	Array	4 x 4	3 mm x 3 mm	20	420	38	50	ARRAYJ-300XX-16P-PCB
ARRAYJ-30020-64P-PCB		 	Active	Array	8 x 8	3 mm x 3 mm	20	420	38	50	ARRAYJ-300XX-64P-PCB
ARRAYJ-30035-16P-PCB		 	Active	Array	4 x 4	3 mm x 3 mm	35	420	50	50	ARRAYJ-300XX-16P-PCB
ARRAYJ-30035-64P-PCB		 	Active	Array	8 x 8	3 mm x 3 mm	35	420	50	50	ARRAYJ-300XX-64P-PCB
ARRAYJ-40035-64P-PCB		 	Active	Array	8 x 8	4 mm x 4 mm	35	420	50	50	ARRAYJ-400XX-64P-PCB
ARRAYJ-60035-4P-BGA		 	Active	Array	2 x 2	6 mm x 6 mm	35	420	50	50	ARRAYJ-600XX-4P
ARRAYJ-60035-4P-PCB		 	Active	Array	2 x 2	6 mm x 6 mm	35	420	50	50	ARRAYJ-600XX-4P-PCB
ARRAYJ-60035-64P-PCB		 	Active	Array	8 x 8	6 mm x 6 mm	35	420	50	50	ARRAYJ-600XX-64P-PCB