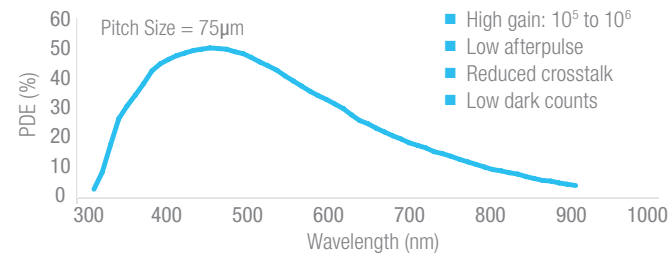

		Uncooled Single Element	TE-Cooled Single Element	Tile-able Single Element	Preconfigured Array	Power Supply and Evaluation Board
High Precision	Detectors	S13360-xxxxCS (Ceramic) S13360-xxxxPE (Plastic SMD)	S13362-xxxxDG (2-TEC)	S13615-10xx (1x1mm TSV with Glass) S13360-xxxxVE (TSV)	S13615-10xxN-xx (1x1mm TSV Array w/o Connector) S13361-xxxxNE-xx (w/o Connector) S13361-xxxxAE-xx (w/ Connector)	C11204-01/-02 C14156 (Low Cost P/S)
	Modules	C13365-xx50SA (PCB) C13367-3050EA (Flex Cable)	C13366-xx50GA (Analog) C13366-xx50GD (Digital) C13852-xx50GA (Analog, OEM Type) C13852-xx50GD (Digital, OEM Type)		C13368 Series (1D Array) C13369 Series (2D Array) C14047-xxxxEA-xx (PCB w/ Individual Readout)	C12332-01 (w/ C11204-01) C14488 (w/ C14156)
	SPAD Modules	C11203-050 (Analog PCB) C11203-100 (Analog PCB)	C13001-01 (Digital, Fiber Coupled) C14076-01 (Digital, Fiber Coupled, OEM Type)			
High Dynamic Range	Detectors	S14160-1310PS (Plastic SMD) S14160-1315PS (Plastic SMD) S14160-3010PS (Plastic SMD) S14160-3015PS (Plastic SMD)				C14156 (Low Cost P/S)
	Modules	C15522-xx10SA (PCB) C15522-xx15SA (PCB) C15524-xx10SA (Flex Cable) C15524-xx15SA (Flex Cable)				
Low Voltage	Detectors			S14160-xx50HS	S14161-xx50HS-xx	C14156 (Low Cost P/S)
	Modules					S14160-3050HS with FPC (w/ C12332-01 MOD)
Peak Shift	Detectors	S14420-xxxxMG (Metal Package)	S14422-xxxxDG (2-TEC)			C11204-01/-02 C14156 (Low Cost P/S)
	Modules	C14452-xx50GA (PCB)	C14455-xx50GA (Analog) C14456-xx50GA (Analog, OEM Type) C14456-3025GD (Digital, OEM Type) C14456-3050GD (Digital, OEM Type)			C14450 (w/ C11204-01)
	SPAD Modules	C14460-050GD (Digital, PCB) C14460-100GD (Digital, PCB)	C14463-050GD (Digital, Fiber Coupled) C14463-100GD (Digital, Fiber Coupled) C14464-050GD (Digital, Fiber Coupled, OEM Type) C14464-100GD (Digital, Fiber Coupled, OEM Type)			
NIR Enhanced	Detectors	S13720-xx25CS (Ceramic) S13720-xx25PS (Plastic SMD) S15639-1325PS (Plastic SMD)				C11204-01/-02 C14156 (Low Cost P/S)
	Modules	C14192-xx25SA (PCB DC-6.5MHz) C14193-xx25SA (Enclosed DC-10MHz) C14194-xx25PA (Flex Cable DC-6.5MHz)				C14191
VUV4	Detectors	S13370-xxxxCN (Ceramic Unsealed) S13372 Series (Ultralow-RI, Plastic) S13374 Series (Ultralow-RI, Ceramic)			S13371-6050CQ-02 (Ceramic, Quartz, VUV-VIS)	

## High Precision Series

For Low Light Level Applications

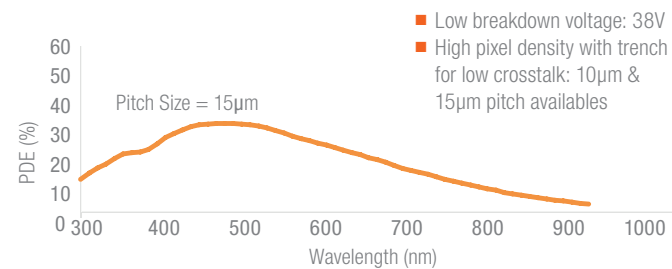


Wire-Bond, Non-TSV (Not For Array)

	Product Series	S13360 & S13362
	Pitch Size	25 to 75 μm
	Active Area per ch	1x1mm / 3x3mm / 6x6mm
	Package	<ul style="list-style-type: none"> <li>Plastic or ceramic</li> <li>Non-cooled or cooled</li> </ul>

## High Dynamic Range

For High Dynamic Range & Hard Radiation Applications

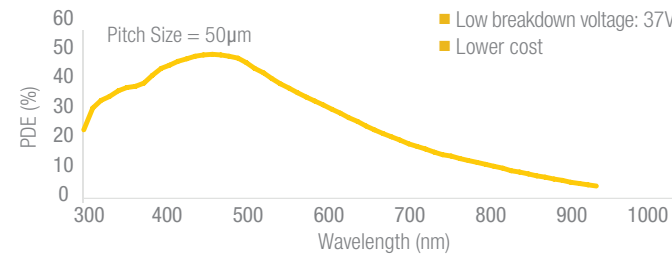


Single Element Type

	Product Series	S14160
	Pitch Size	10 & 15 μm
	Active Area per ch	1.3x1.3mm / 3x3mm
	Package	Plastic package

## Low Voltage Series

For Scintillation & Radiation Detection

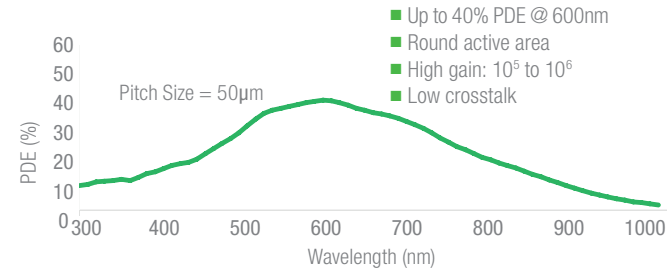


Center Hole Wire-Bond (For Array)

	Product Series	S14160
	Pitch Size	50 μm
	# of Channels	4x4, 6x6, 8x8
	Active Area per ch	3x3mm / 4x4mm / 6x6mm
	Package	<ul style="list-style-type: none"><li>• COB surface mount</li><li>• Without connector</li></ul>

## Peak Shift Series

For Bio-photonics & Fluorescence

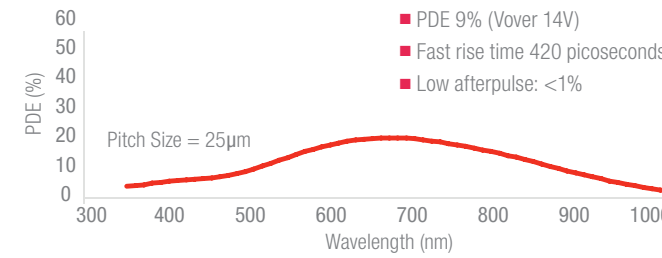


Wire-Bond, Non-TSV (Not For Array)

	Product Series	S14420 & S14422
	Pitch Size	25 & 50 μm
	Active Area per ch	1.5mm Ø / 3mm Ø
	Package	<ul style="list-style-type: none"> <li>Metal package</li> <li>Non-cooled or cooled</li> </ul>

## NIR Enhanced Series

For Range-Finding LiDAR

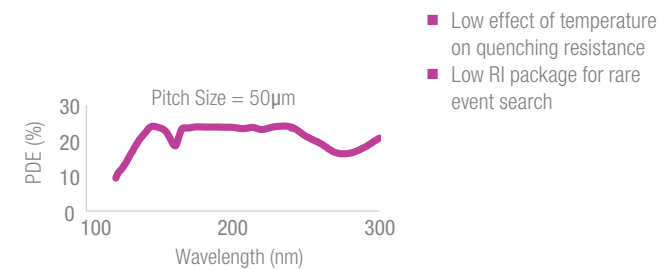


Wire-Bond, Non-TSV (Not For Array)

	Product Series	S13720 & S15639
	Pitch Size	25 μm
	Active Area per ch	1.3x1.3mm / 1.3x1.1mm
	Package	<ul style="list-style-type: none"> <li>Plastic, ceramic or surface mount</li> <li>Bare die also available</li> </ul>

## VUV4 Series

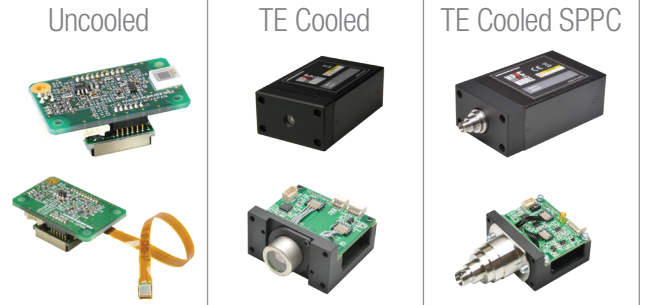
For UV & Cryogenic Measurements



Single Element Type

	Product Series	Single element – S13370 2x2 ch array – S13371
	Pitch Size	50 & 75 μm
	Active Area per ch	3x3mm / 6x6mm
	Package	<ul style="list-style-type: none"> <li>Ceramic</li> <li>With or without window</li> </ul>

MPPC Module Types Single – Channel  
(Analog & Digital Output Available)



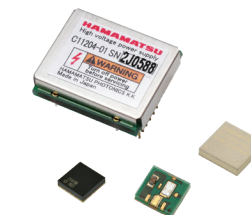
MPPC Array Modules

Analog, Digital, & Multi-channel Analyzer Types

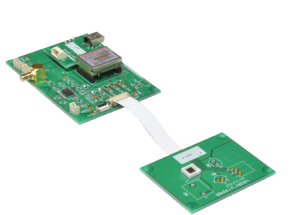


MPPC Accessories

Power Supply



Evaluation Kit



Please contact Hamamatsu for custom detector and module solutions.

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