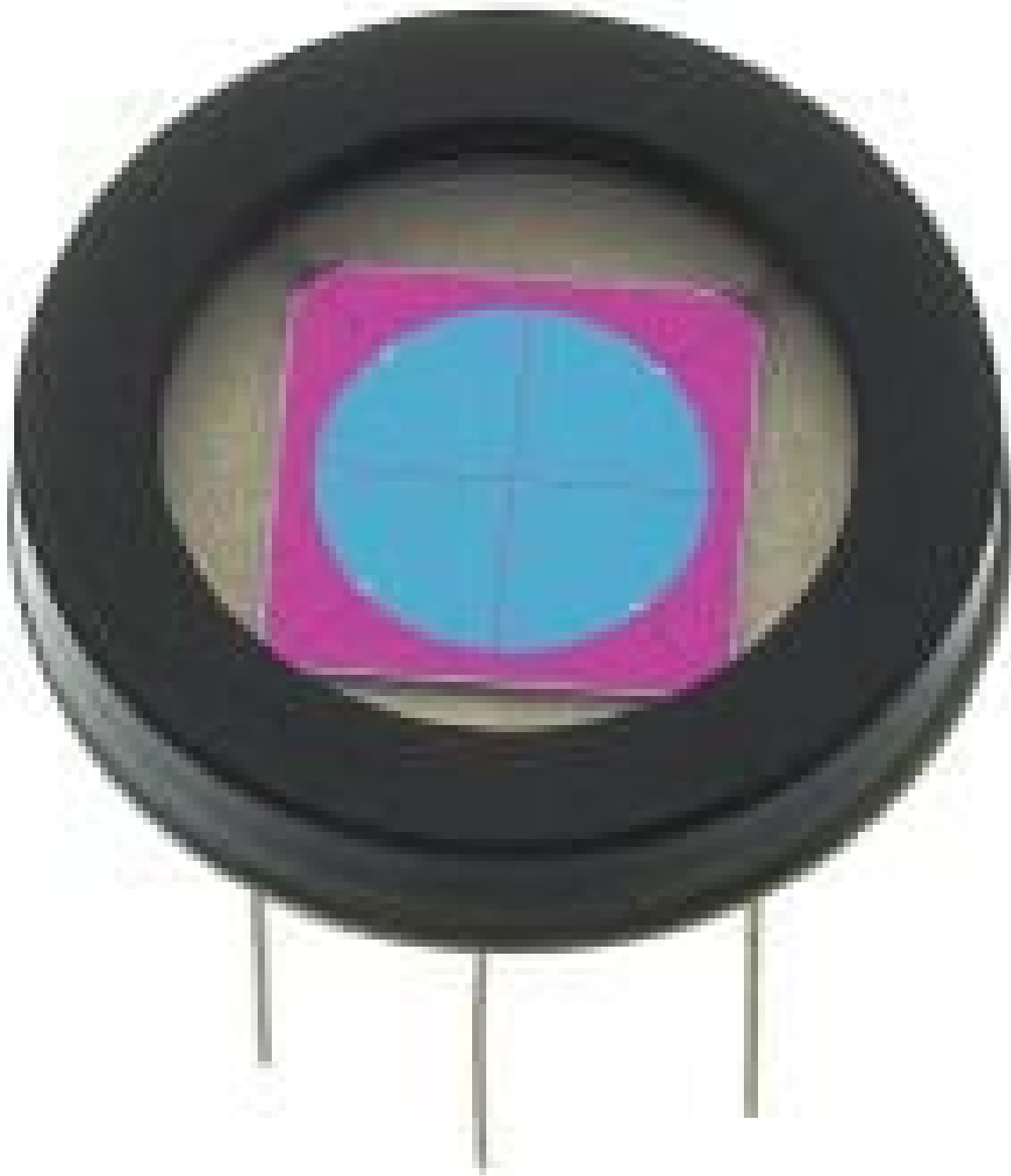


1.61mm² Four-Element Segmented Photodiode



Stock **#84-612** **9 In Stock**

MRP ₹7,646

● Price inclusive of all taxes

ADD TO CART

Volume Pricing

Qty 1-4	₹7,646 each
Qty 5-9	₹6,797 each
Qty 10-24	₹6,160 each
Need More?	Request Quote

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General

Rise Time (ns):
3.00

Model Number:
SPOT-4D

Physical & Mechanical Properties

Size of Active Area (mm):
1.3x1.3

1.61	Active Area (mm²):
0.172	Element Gap (mm):
Electrical	
Minimum: 0.6 Typical: 0.65	Responsivity @ 970nm (AW):
5.00	Capacitance @ V_R=-10V (pF):
8.7 x 10 ⁻¹⁵	Noise Equivalent Power NEP (W/ Hz^{1/2}): @ -10 V, 970nm
30.00	Maximum Reverse Voltage (V):
Maximum: 1 Typical: 0.1	Dark Current @ V_R=-10V (nA):
Hardware & Interface Connectivity	
41 / TO-5	Connector:
Environmental & Durability Factors	
-40 to 100	Operating Temperature (°C):
-55 to 125	Storage Temperature (°C):
Regulatory Compliance	
View	Certificate of Conformance:
Malaysia	Country of Origin:
Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000	Imported By:

Product Details

- High Stability Over Temperature and Time
- Excellent Resolution, High Accuracy, Ultra-Low Dark Current
- Two or Four Separate Active Area Segments
- [Segmented InGaAs Photodiodes](#) Also Available

Segmented Photodiodes are designed for a wide variety of applications that require high stability and fast response times. Featuring position resolutions of greater than 0.1µm, Segmented Photodiodes are ideal for surface profiling, position measurement, alignment, or targeting. Segmented Photodiodes are segmented into either two or four separate active areas and have spectral response ranges from 350 – 1100nm. The segmented regions allow various measurement profiles on a single detector.