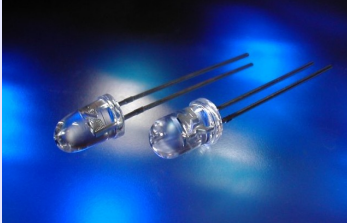


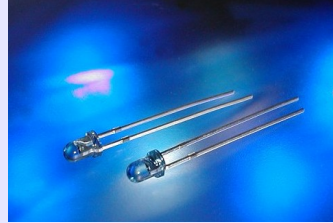
# PHOTODIODES – SPECIAL WAVELENGTHS (CHIP & PACKAGED)

CTC SE 5 series

**Plastic, Ceramic and Hermetic packaged selective photodiodes**



**PLASTIC 5mm**



**PLASTIC 3mm**



**SMD**

**CUSTOM AND SPECIAL**

Photodiodes targeted at specific narrow wavelength regions are available, standard versions are available from Epigap as listed below, however other techniques to broaden the wavelength energy detected are possible by using scintillators and/or filters.

type	peak	details	Supplier part no	Chromatechnic series	link
1	150* <sup>1</sup>	<p><b>Spectral Response of Different Photodiodes</b></p> <p>The graph plots Responsivity [A/W] on the y-axis (0.0 to 0.7) against Wavelength [nm] on the x-axis (100 to 1100). A dashed line represents the 'theoretical limit'. Several curves are shown for different photodiode models: EPD-365 (peak ~365nm), EPD-440 (peak ~440nm), EPD-470 (peak ~470nm), EPD-550 (peak ~550nm), EPD-660 (peak ~660nm), EPD-740 (peak ~740nm), EPD-880 (peak ~880nm), and EPD-1300 (peak ~1300nm). A 'BPW 34' curve is also shown for comparison.</p>	EPD 150 -	CTC SE 5 -	<a href="#">PDF</a>
2	365		EPD 365 -	CTC SE 5 -	<a href="#">PDF</a>
3	440		EPD 440 -	CTC SE 5 -	<a href="#">PDF</a>
4	470		EPD 470 -	CTC SE 5 -	<a href="#">PDF</a>
5	525* <sup>2</sup>		EPD 525 -	CTC SE 5 -	<a href="#">PDF</a>
6	550		EPD 550 -	CTC SE 5 -	<a href="#">PDF</a>
7	660		EPD 660 -	CTC SE 5 -	<a href="#">PDF</a>
8	740		EPD 740 -	CTC SE 5 -	<a href="#">PDF</a>
9	880		EPD 880 -	CTC SE 5 -	<a href="#">PDF</a>
10	1300* <sup>2</sup>		EPD 1300 -	CTC SE 5 -	<a href="#">PDF</a>
notes		* <sup>1</sup> – requires a filter * <sup>2</sup> -spectral data on data sheet			
Package options		These devices can be packaged in SMD, 3mm(T1), 5mm (T1¾) and hermetic, other special packages are also available, dual sensor and other custom configurations can be produced, not all chip / package configurations are standard – call for details			

## Drawings, specifications, datasheets

Data sheets for each product are available, click on the link, or call us for a copy.

## Application information

All applications / descriptions / dimensions and parameters in this information pack are for guidance only, please refer to the latest issue of the datasheet for all design parameters, E&OE. It is the customers responsibility to ensure the device meets the application, RoHS and any other legal requirements for use.