

APT appointed UK distributor for Opto Diode's silicon photodiodes



AP Technologies is pleased to announce that they are extending their long and successful relationship with Opto Diode Corporation to include their range of silicon photodiodes.

Martin Sharratt - Managing Director of APT has said "we have worked with ODC's world-leading LED technology for over 15 years and are very pleased to extend this relationship to cover their silicon detectors".

Over the past three years ODC have invested significantly in a dedicated Class 1000 clean room with state-of-the-art photolithography and wafer-processing equipment at their Camarillo, California facility and their manufacturing facilities are now second-to-none in the silicon photodiode industry.

Sharratt commented "ODC are one of the few companies who can use both diffusion and ion-implantation processes on the same wafer. This enables them to achieve unique combinations of performance characteristics which I am confident will be of great benefit to our many silicon photodiode customers in the UK and Ireland. A prime example is the excellent responsivity at the Nd:YAG wavelength of 1064 nm – a figure of 0.4 A/W is twice the industry standard at this wavelength !"

ODC offer standard detectors from 1 mm² to 42 mm² with blue/visible and red/NIR spectral enhancements and can also supply bi-cell, quadrant and linear array configurations with custom photodiode configurations being produced within 4 to 6 weeks of order.

They are also supplying hybrid detector-preamplifier devices.

ODC's investment in automated wafer-testing, die attach, wirebonding and capping for their high volume LED business means they are able to supply high quality hermetic TO-style packaged photodiodes in high volumes with short leadtimes and excellent pricing.

For further information contact Martin Sharratt on 01225 780400 or visit www.aptechnologies.co.uk

For **APT** Solutions

APT 1: unusually fitted or qualified: **READY**
2: suited to a purpose; especially : being to the point
3: keenly intelligent and responsive