

We are pleased to provide you with the latest news from our partners, brought to you by **KAL Silicon Technologies**

PR5001 – Dual Photo Diode

PREMA Semiconductor GmbH(www.prema.com) has came out with a new product. The PR5001 is a dual-element Si photo diode molded into a very small plastic leadless optical package. The photo diodes offer a very good symmetry, low dark current and high sensitivity.

Features

- Low dark current
- Low capacity
- High sensitivity

Typical Application

- Laser beam alignment
- Opto encoders
- Position detection

For further information and a data sheet see our web site
http://www.prema.com/PR-Semicon/news-pr5001_e.html

About Prema

PREMA Semiconductor is a leading ASIC manufacturer for a complete range of analog and mixed-signal ICs; from below 1V up to 100 V supply (analog and digital); from circuit development, chip layout to prototyping and series production; from simple chips to complex systems-on-chip solutions (SoC).

PREMA Semiconductor provides advanced, technologically leading bipolar and BiCMOS semiconductor technologies for Analog and Mixed-Signal Large Scale Integration (ALSI), for midsize to high volume projects. We offer rapid prototype turnarounds for short time-to-market periods.