

Marktech Optoelectronics

Since 1985 Marktech has been partnering with customers to assist in the integration of cutting edge Sensor and LED technology, insuring that their products are ahead of the curve.

No other company can match our optoelectronic application knowledge and our broad range of wavelengths starting from deep UV at 260nm to mid IR at 2.6 μ m. As technology continues to advance, Marktech can help assure that every new generation of product will

integrate seamlessly within our customer's advancing designs.

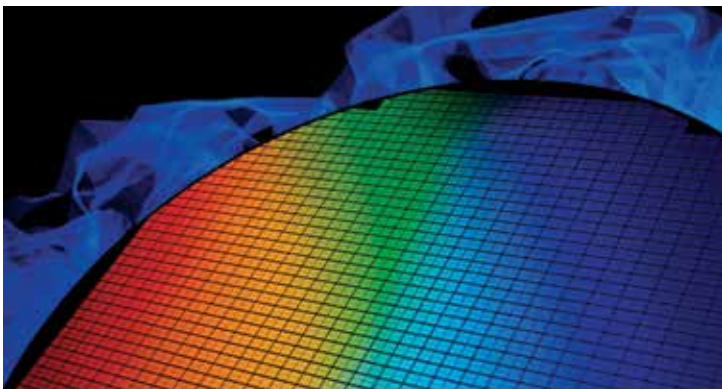
Our processes are vertically integrated in house from initial wafer growth through end packaging assuring the highest level of quality assurance and lot control. Custom packages or arrays using single chip or multi-chip configurations can be discussed with our technical sales and engineering staffs.



Applications

From Marktech's early involvement in medical oximetry monitoring and encoder technologies to high accuracy machine vision and critical illumination, our knowledge of applications, industry standards and customer's needs are unsurpassed. Marktech through in house lab verification and testing has the ability to verify and control the quality

of components, sub assemblies or completed modules. As products and industries dictate changes in brightness, power or wavelength needs, Marktech's engineering and manufacturing staffs will implement component or assembly changes to insure our customer's designs conform to the updated specifications.



Technology

At the forefront of our technology advancements is the release of Indium Phosphide (InP) Epiwafers with the highest purity levels available on the market today. The inherent high mobility properties of Indium Phosphide based components make up the ideal platform

for next generation high speed telecommunication and imaging equipment. Marktech has also introduced a line of High Speed PIN diodes using the InP platform with speeds soon to exceed 5GHz.