

Application Note

July / August 2005

Vol. 2005-04



C³ = Cut Cost to Core™

Application: LED Lighting Clusters

Highly value-added workmanship and distinct cost advantages

Overview

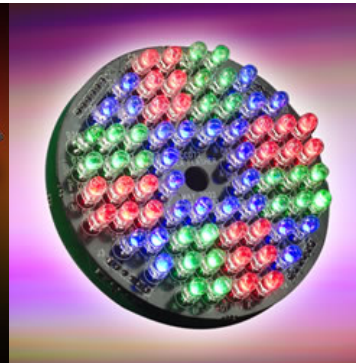
LEDs are now used for more than just indicators. Clusters of LEDs are replacing incandescent and neon lights in commercial and industrial lighting application. With their energy saving light-to-power ratio and extremely long life, LEDs offer many advantages. Take advantage of this growth of LED cluster applications to capture more business.

The Segue Solution

LED clusters require PC boards, thermal insulated metal substrates (TIMS), and PC board assembly services in high volume. All are Segue Electronics specialties. Standard LED clusters take advantage of Segue's high speed assembly experience along with the great purchasing power that gives your customer the Segue cost cutting advantage. Applications that require Hi-power LEDs use thermal insulated metal substrates. By offering both TIMS and the specialized assembly services required to solder the LEDs to the substrate, Segue is one of the few companies that can offer a complete solution to serve your customers.

Key Benefits

- Custom Arrays for the price of standard
- One supplier for materials and assembly
- Cost efficient
- High quality



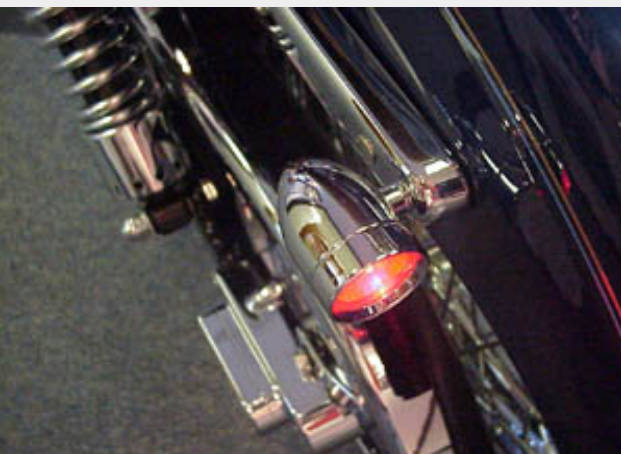
Key Features

- Variety of LEDs
- Turnkey Assemblies
- Selection of PCB materials
- Selection of TIMS materials

Applications and Markets

- Signs
- Traffic Lights
- Automotive/Transportation
- Marine
 - Solar Power Lighting
 - Safety/Exit Signs
 - Accent Lighting
 - Landscape Lighting

Contact Information
Rudy Wiesinger
(888) 535-2366 or
[e-Mail](mailto:)



Segue provides custom solutions in plants of over 500,000 square feet of combined manufacturing capability, and it has the ability to cut costs from products while maintaining the highest quality and on time delivery. Segue is a leading electronics OEM manufacture with worldwide headquarter in Los Angeles and operations in Asia. www.SegueElectronics.com. Images shown above are based on customer/user sample products and their IP rights remains with their respective owners.