

Ambient Lighting Solutions for Automotive



Made Smaller, Brighter, and, Cooler
with our BoardFree Technology

Dynamic lighting systems that blend form and function

Transform your vehicle's interior with patented light engines featuring LIN functionality. From sleek illuminated speaker grilles to sophisticated backlit door bolsters, these innovative lighting solutions elevate both the visual appeal and practical functionality of modern car interiors..



LIN Interface

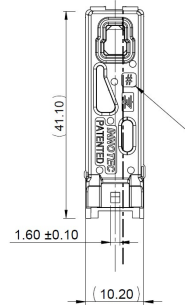
Baud rate up to 19.2kbps

Integrated LIN transceiver

Internal LIN slave termination resistor

Compliant to LIN 2.0/2.1/2.2A and SAE J2602

Support SNPD (BSM) auto addressing



LED color calibration via matrix calculation

Flash storage for calibration values

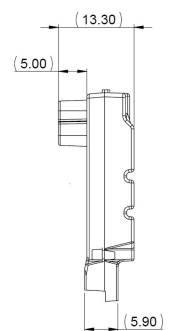
Intensity control (linear or logarithmic)

Dimming and color transitions

Up to 16-Bit LED color range

PWM with spread spectrum to optimize EMI

LED temperature compensation



Off the shelf, low-cost inserts for connector and optic interface, short development time.