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M08886

High-Performance RGB LED/Laser Driver with de-speckle technology for LCD/LCoS/TI DLP® Projection Displays

The M08886 is a high efficiency integrated RGB LED/Laser driver with patent pending de-speckle and power save technologies for panel based projection displays. It features ColorMinder - a multilevel automatic laser power control for consistent white balance across temperature variation and laser aging. The M08886 allows for the monitoring of the internal IC junction temperature and the control of external DC-DC converters to generate optimal laser supply. Note: DLP is a registered trademark of Texas Instruments

- Features
- Specifications
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Features

- One 2A common anode LED/Laser driver
- DC-DC converter reference generators to optimize anode bias voltage
- Automatic real time power control (ColorMinder)
- Integrated 30Msps 12bit DACs for current setting
- Laser Despeckle
- Two 1A common anode LED/Laser drivers
- High-speed 4-wire interface or slave I2C

Applications

- Backlight illumination
- Head-up and Head mounted displays
- High current laser/LED systems
- LCD/LCoS/TI DLP® portable and pico projectors
- Multicolor LED/laser displays

Specifications

- Number of Channels: 3

Datasheet

- M08886

Contact Info

- Inquire
- Tech Support
- Support
- Sales Offices and Distributors

Part Number	MACOM
M08886EVM Tri-color LED/Laser driver EVM LCD/LCOS	Inquire
M08886G-12P Tri-color LED/Laser driver for LCD/LCOS	Inquire

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Technical Resources

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