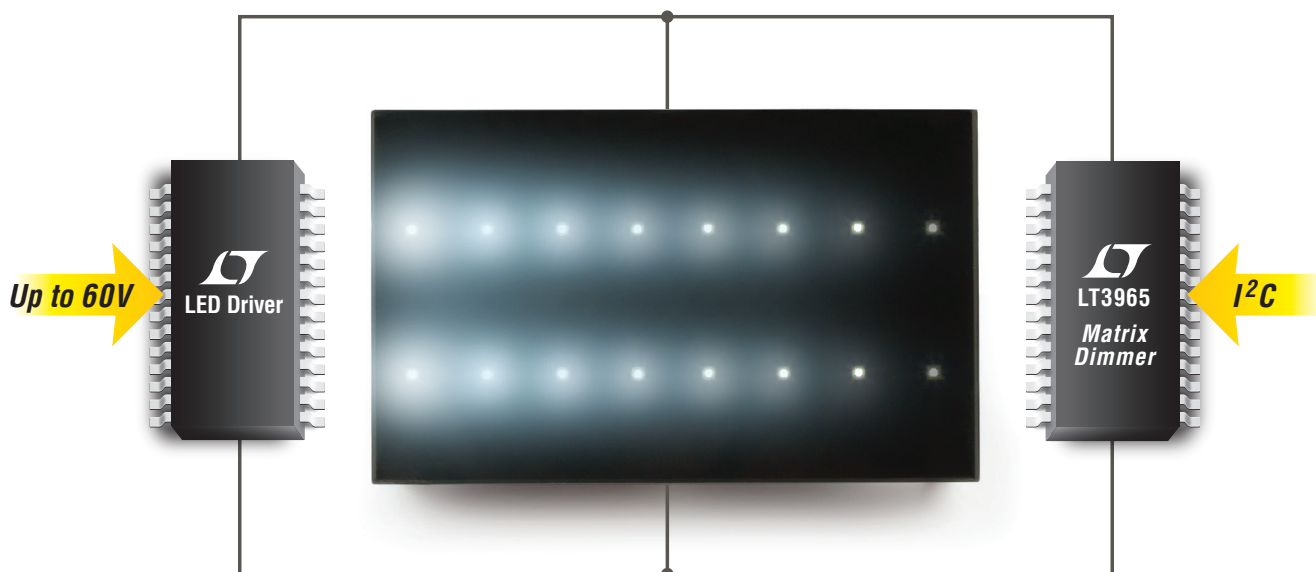


Matrix LED Dimmer



Any Brightness, Any Pattern with I²C Control

The LT[®]3965 is an eight channel LED bypass switching device with I²C serial interface, designed for dimming individual LEDs in a string using a common LED driver current source. Each of the eight channels can be independently programmed to bypass the LED string in constant on or off, or PWM dimming with or without fade transition. The LT3965 uses eight individually controlled floating source N-channel 17V/500mA MOSFET switches, enabling it to drive one to four LEDs per channel. Up to 16 LT3965s can be used on the same bus for larger LED arrays.

▼ Features

- 256:1 PWM Dimming
- Independent Brightness per Switch
- I²C Serial Communication
- 1-4 LEDs per Switch
- Synchronized Flicker-Free Dimming



video.linear.com/5973

▼ Info & Free Samples

www.linear.com/product/LT3965

1-800-4-LINEAR

LT, LT, LTC, LTM, Linear Technology and the Linear logo are registered trademarks of Linear Technology Corporation. All other trademarks are the property of their respective owners.