

## LED Drivers for Dimming LCD Backlight Control



austriamicrosystems announces the extension of its high brightness LED driver portfolio with models AS3693 and AS3694 to support LED-based LCD backlighting applications. These LED drivers feature optimized synchronization and timing technologies. They are well suited to fit the latest trend in LCD backlighting which is to synchronize the LCD backlight with the TV picture. This technology allows OEMs to achieve optimal contrast ratios as well as energy savings. The LED drivers offer driver accuracy of  $\pm 1770.5$  percent for exact brightness and color matching. Model AS3693 offers 16 high brightness LED output channels, and model AS3694 provides 12 channels and three additional DC/DC converters. The brightness and timing of each output can be controlled individually via SPI or I2C.

[www.austriamicrosystems.com](http://www.austriamicrosystems.com)  
3136-500-5856

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