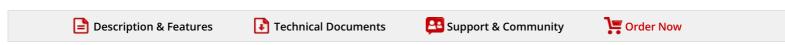


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16-Channel LED Driver Evaluation Module

(ACTIVE) TLC59116EVM-390



Description

The TLC59116 is an I2C bus-controlled, 16-channel LED driver that is optimized for red/green/blue/amber (RGBA) color mixing and backlight application for amusement products. Each LED output has its own 8-bit resolution (256 steps), fixed-frequency, individual PWM controller that operates at 97 kHz, with a duty cycle that is adjustable from 0% to 99.6%. The individual PWM controller allows each LED to be set to a specific brightness value. An additional 8-bit resolution (256 steps) group PWM controller has both a fixed frequency of 190 Hz and an adjustable frequency between 24 Hz to once every 10.73 seconds, with a duty cycle that is adjustable from 0% to 99.6%. The group PWM controller dims or blinks all LEDs with the same value.

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TLC59116EVM- 390: 16-Channel LED Driver Evaluation Module \$99.00(USI Typically S in 1 to 3 Business D	nips Buy from distributor	ACTIVE	Yes	Yes	Yes*	NA	NA	NA	NA	NA	NA	No	No	No

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Technical Documents

Contact a Distributor California

User Guides (1)

Title	Abstract	Туре	Size (KB)	Date	Views
TLC59116EVM-390 User's Guide	Read Abstract	PDF	1007	03 Mar 2009	366

Related Products

Software (1)

EVM Setup Files(ZIP, 540 KB) 139 views, 18 Mar 2009

TI Devices (1)

Part Number	Name	Product Family
TLC59116	16-Bit Fast-Mode Plus (FM+) I2C Bus Constant-Current LED Sink Driver	LED Driver

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