

LM3464 and LM5021 DHC 25W Reference Design with 4 LED strings

(ACTIVE) LM3464-120V24W



Description & Features



Technical Documents



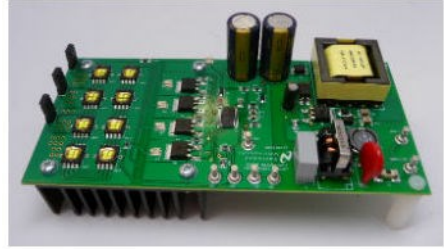
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Description

This evaluation board consists of a Texas Instruments LM5021 based 120Vac 24W AC/DC flyback converter and a LM3464 based dynamic head room control (DHC) four channel LED driver IC. This demonstration platform was developed so that the customers could evaluate the LM3464 with an AC/DC supply. Once familiar with the operation of the LM3464 and its control of the AC/DC converter's control loop, the type of AC/DC power supply and the converter's output power becomes less relevant. The evaluation board contains eight CREE XLamp MC-E LEDs. Each XLamp MC-E LED has four separate LEDs in each package for a total of 32 LEDs. The CREE MC-E LED allows for an easy demonstration of the LM3464 four channel operation with eight packaged LEDs. Each LED string is regulated to 200 mA. A heat sink is mounted on the back of the PCB to dissipate the heat generated by the LEDs.



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LM3464-120V24W/NOPB: LM3464 and LM5021 DHC 25W Reference Design with 4 LED strings	\$149.00(USD) In Stock Typically Ships in 1 to 3 Business Days Buy from TI	Pricing may vary. Buy from distributor	ACTIVE	Yes	Yes	Yes

Contact a Distributor

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Technical Documents

Application Notes (1)

Title	Abstract	Type	Size (KB)	Date	Views
 AN-2102 LM3464 and LM5021 DHC 25W Reference Designs (Rev. A)	Read Abstract	PDF	8277	01 May 2013	318

Related Products

TI Devices (1)

Part Number	Name	Product Family
LM3464	LED Driver with Dynamic Headroom Control and Thermal Control Interfaces	LED Driver

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