



## Overview

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## BCR320U HW LED BOARD

### Description:

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24V BCR320U striplight demoboard driving 6 x 0.5W LEDs in series

### Summary of Features:

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- Homogenous light output in different LED strings
- Easy to implement with low component count
- Flexibility to adjust the current by external resistor from 10mA up to 250mA
- Direct microcontroller interface for PWM dimming for BCR421U and BCR321U
- Negative thermal coefficient protecting lifetime of LEDs
- High power dissipation capability

### Target Applications:

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- LED stripe lights, e.g. in commercial or residential LED lighting
- Automotive interior and exterior LED lighting

## Technical Documentation

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### Documents

Title	Updates	Size	Date	Version
<b>Application Notes</b>				
BCR320U Light Strip using half watt LEDs - AppNote AN212		993 KB	14 Dec 2010	1.0
AN212 - Light Strip Using Half Watt LEDs (in chinese language)		1.4 MB	21 Jun 2010	

## Parametrics

<b>BCR320U HW LED BOARD</b>		
Package Name --	Totally lead-free no	Halo-free no
ROHS no	Packing Size 1	Packing Type CONTAINER
Budgetary Price €/1K -	Type Evaluation Board	V <sub>S</sub> (max) -
I <sub>out</sub> (typ) -	P <sub>tot</sub> (max) -	I <sub>out</sub> (max) -
V <sub>S</sub> (min) -	V <sub>drop</sub> (typ) -	d(I <sub>out</sub> ) / I <sub>out</sub> (typ) -
PWM Inputs -		

## Presentation & Brochures

## Documents

Title	Updates	Size	Date	Version
<b>Product Brochure</b>				
General Lighting Brochure	NEW	4.1 MB	25 Mar 2014	1.0

## Buy

Sales Product Name	OPN	Product Status	Budgetary Price €/1K	Order online	Package Name	Totally lead-free	Halo - free	RoHS	Packing Size	Packing Type
<b>BCR320U HW LED BOARD</b>	BCR320UHWLEDBOARDTOBO1	in production			--	no	no	no	1	CONTAINER