



Overview



BCR320U HW LED BOARD

Description:

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

Summary of Features:

- 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:

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

Technical Documentation

Documents

| Title | Updates | Size | Date | Version |
|--|---------|--------|-------------|---------|
| Application Notes | | | | |
| 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

| | | |
|-----------------------------|---------------------------|---|
| BCR320U HW LED BOARD | | |
| Package Name -- | Totally lead-free no | Halo-free no |
| ROHS no | Packing Size 1 | Packing Type CONTAINER |
| Budgetary Price €/1K - | Type Evaluation Board | V _S (max) - |
| I _{out} (typ) - | P _{tot} (max) - | I _{out} (max) - |
| V _S (min) - | V _{drop} (typ) - | d(I _{out}) / I _{out} (typ) - |
| PWM Inputs - | | |

Presentation & Brochures

Documents

| Title | Updates | Size | Date | Version |
|---------------------------|---------|--------|-------------|---------|
| Product Brochure | | | | |
| 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 |
|-----------------------------|------------------------|----------------|----------------------|--------------|--------------|-------------------|-------------|------|--------------|--------------|
| BCR320U HW LED BOARD | BCR320UHWLEDBOARDTOBO1 | in production | | | -- | no | no | no | 1 | CONTAINER |