

## LED DRVR Automotive 6-Pin SC-74 T/R



Images are for reference only

[Inquiry](#)

**Manufacturer:** [Infineon Technologies Corporation](#)

**Package/Case:** PG-SC74-6

**Product Type:** Optoelectronics

**RoHS:** RoHS Compliant/Lead free 

**Lifecycle:** Active

### General Description

The BCR421U linear LED driver IC is tailored to drive low and mid power LEDs in general and automotive lighting applications.

### Key Features

LED drive current preset to 10mA

Output current adjustable by resistor up to 150mA

Supply voltage up to 40V

Low side current control, NPN transistor power stage

Digital PWM input up to 10kHz frequency

Up to 1000mW power dissipation in a small SC74 package

Negative thermal coefficient reduces output current at higher temperatures

Automotive qualified according to AEC Q101

Driving current always under control for homogenous light output

Longer lifetime of the LEDs due to reduced output current at higher temperatures (negative thermal coefficient)

Digital input allows dimming via microcontroller

Easy paralleling of drivers to increase current

Contributes to longevity and reliability of LED system

### Application

LED strips, signage and channel letters

Commercial, architectural and residential lighting

Shop, ship, train and aircraft lighting

Automotive interior lighting

### Recommended For You

**BCR420UE6327HTSA1**

Infineon Technologies Corporation  
SC-74

**BCR402UE6327HTSA1**

Infineon Technologies Corporation  
PG-SC74-6

**BCR401UE6327HTSA1**

Infineon Technologies Corporation  
SC-74

**BCR601XUMA1**

Infineon Technologies Corporation  
SOP8

**BCR320UE6327HTSA1**

Infineon Technologies Corporation  
PG-SC74-6

**BCR321UE6327HTSA1**

Infineon Technologies Corporation  
PG-SC74-6

**BCR450E6327HTSA1**

Infineon Technologies Corporation  
SC-74-6

**BCR402UE6433HTMA1**

Infineon Technologies Corporation  
BGA

**BTS5590G**

Infineon Technologies Corporation  
SSOP36

**ICB1FL02G**

Infineon Technologies Corporation  
SOP18

**BTS5662E**

Infineon Technologies Corporation  
SSOP36

**ICL5101**

Infineon Technologies Corporation  
SOP16

**ICB2FL01G**

Infineon Technologies Corporation  
SOP19

**BTS5576G**

Infineon Technologies Corporation  
SSOP36

**ILD8150EXUMA1**

Infineon Technologies Corporation  
SOP8