



# Constant Current Type White LED Driver for Backlight

## NJW4610



### ■ GENERAL DESCRIPTION

The NJW4610 is a high efficiency multiple strings white LED driver for back light. This device is composed with 2 channel constant current drivers and can drive up to 16pcs. LED.

Each constant current driver is able to supply maximum of 120mA per channel, and the driver interval is performed by high precision current control of  $\pm 2\%$  typ.

### ■ FEATURES

- Constant Current Driver : 10mA ~ 120mA
- LED Current Control :  $\pm 2\%$  ( typ. )
- LED driver Rating Voltage : 40V
- Operating Voltage : 4.5V ~ 5.5V
- LED Open / Short Protection
- FAULT Signal Output
- Luminance Control with PWM
- Under Voltage Lock Out Circuit ( UVLO )
- Thermal Shutdown Protection
- Package : TVSP8

### ■ PACKAGE OUTLINE



NJW4610RB1

### ■ BLOCK DIAGRAM

