

World's Smallest White LED Driver

NJR
NEWS

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NJU6050

A New White LED Driver NJU6050 Available in Super Tiny SOT-23 Package

The NJU6050 is designed specifically to drive white LEDs, so it provides high efficiency of over 80% for driving 6 white LEDs with 20mA LED current in systems provided by a 3.6V Li-Ion battery. The NJU6050 configures the LEDs in series, which should be used to ensure the same illumination of each LED. Using a PWM control voltage, the NJU6050 achieves an accurate dimming control, which varies the LED current in the range between 0mA and 20mA or higher in some cases.

In addition, the NJU6050 is available in the tiny SOT-23 package, measures 2.9mm x 1.6mm. And, needless to say, this tiny device is ideally suited for portable applications such as cell phones, handheld computers and handheld GPS-based products.

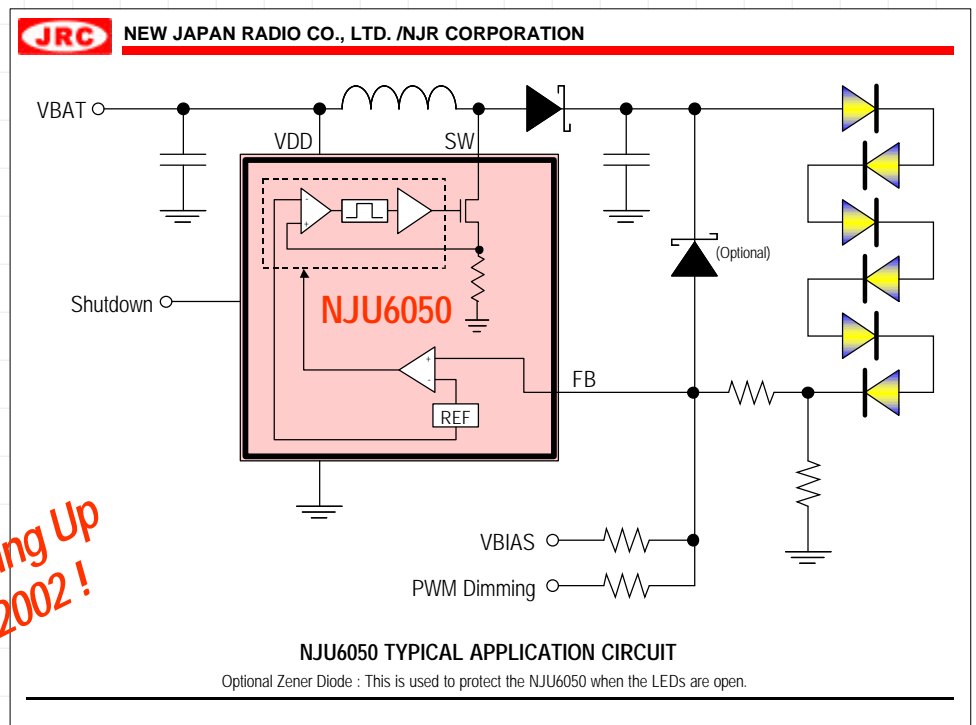
FEATURES

- ◆ Drives Up to **7 White LEDs**
- ◆ Output Voltage Up to **28V**
- ◆ 20uA Quiescent Current
- ◆ <1uA Shutdown Current
- ◆ Wide Supply Range 2.5V to 6.5V
- ◆ Super Tiny SOT-23 (5 pins)

APPLICATIONS

- ◆ Cell Phones
- ◆ Handheld Computers
- ◆ Handheld GPS-based Products
- ◆ Digital Still Cameras
- ◆ Portable Audio Players

**Samples are Coming Up
in December, 2002!**



NJR CORPORATION

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