

**DESCRIPTION**

MT7642BE is a controller for removing LED 100/120Hz current ripple. It achieves no flick output through the internal low-pass filter, which can remove the low frequency current ripple.

MT7642BE integrates startup circuit to shorten the time of reaching stable state. Multiple MT7642BE can be connected in parallel to realize a higher output current.

MT7642BE is available in ESOP8 package.

**FEATURES**

- Low-pass filter to remove current ripple
- Quick start
- Multiple chips connected in parallel to increase output current
- Available in ESOP8 packages

**APPLICATIONS**

- No flicker LED lighting applications

**TYPICAL APPLICATION CIRCUIT**