

Current Sense for High-Side Buck Switcher

■ Benefits

- ▶ The feedback (FB) current sense signal in the freewheeling path may accurately represent the output current and provide well-controlled output regulation
- ▶ It allows a low-side buck controller such as the LYTSwitch™ product to be used in a high-side non-isolated application
- ▶ The current sense module has a common reference level with the controller and does not need additional components for level shifting
- ▶ The reduced component count is characterized by lower loss, higher efficiency, less heat dissipation and smaller heat emission surface resulting in a reduced size
- ▶ The reduced size and compact power converter design allows assembly in the bulb base of an LED lamp
- ▶ **Could be used with:** Lighting products

