

## DC-DC LED Linear Driver

### GENERAL DESCRIPTION

PM2071 is a powerful linear constant current LED driver chip with internal MOSFET. The power supply system has a simple structure and can achieve very excellent constant current characteristics with few peripheral components. While realizing simplified peripheral circuit and smaller driver volume, the system cost is greatly reduced.

PM2071 is internally integrated with a programmable constant current driver. It can be used independently as while as in parallel to achieve higher power application.

PM2071 supports PWM or analog dimming function. And it also integrates over temperature compensation protection function to increase reliability of LED system. PM2071 integrates multiple protection functions, such as output short circuit, output open circuit and CS open circuit protection, so as to improve the reliability of LED constant current power supply.

### FEATURES

- Input voltage range: 8V~60V(PM2071/2071B)
- Input voltage range: 8V~200V(PM2071S)
- Only need 1 resistor for the periphery
- Analog/PWM Dimmable
- Over temperature compensation
- Output short protection
- Output open protection

### APPLICATIONS

- LED backlight
- LED lamp belt
- G4、G9 LED lighting
- DC Source
- ...

### TYPICAL APPLICATION CIRCUIT

