

Featured Products



AEC-Q100 qualified • Integrated thermal dispersion circuit reduces design load along with mounting area

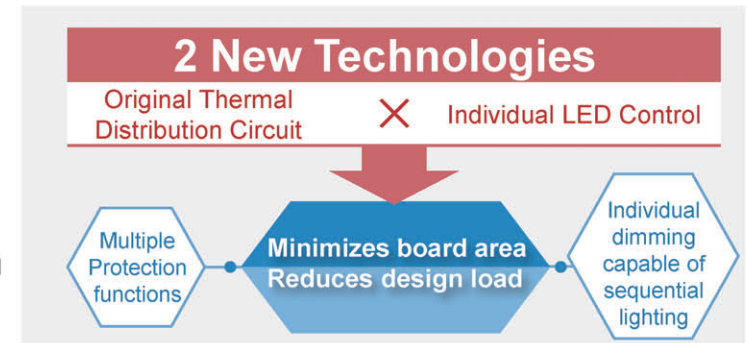
4ch Linear LED Driver ICs

BD18337EFV-M/BD18347EFV-M

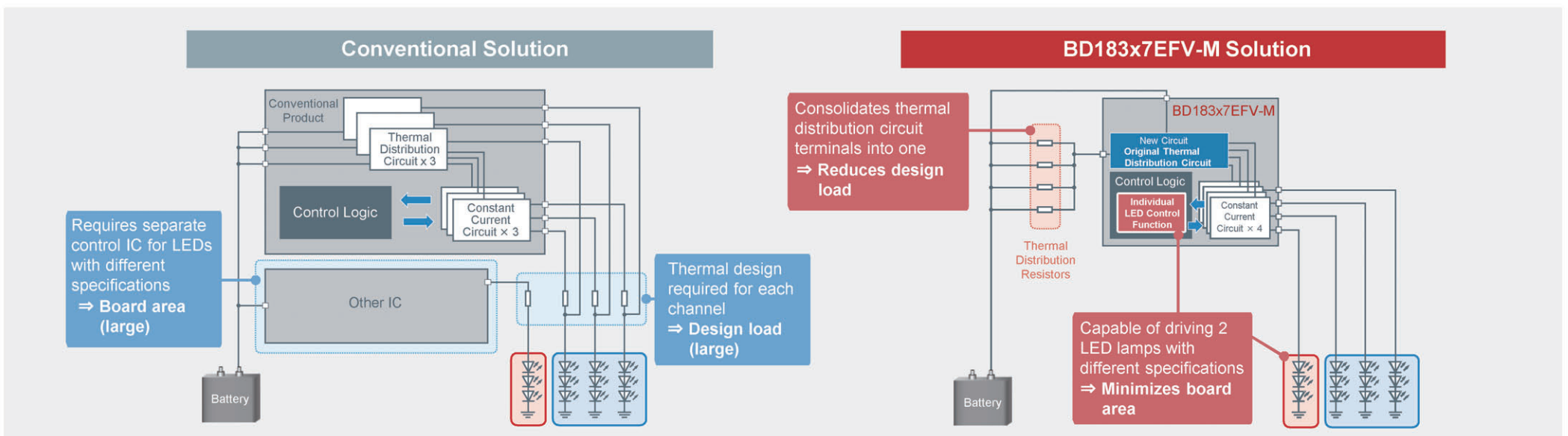
Built-in original thermal distribution circuit eliminates the need for heat distribution circuit terminals at each output channel, simplifying thermal design

Achieves 4ch high output (150mA/ch) in a 16-pin package

Individual LED control function makes it possible to drive LED lamps with different specifications using a single LED driver



Advantages of ROHM's New Integrated Thermal Distribution Circuit + Individual LED Control Technology



Supports Common Board Design that Meets the Safety Standards of Different Countries/Regions

Complies with EU Regulations

Batch OFF control

Turn all LEDs OFF at once

Compatible with Regulations in the Japanese and Korean Markets

Individual OFF Control

Reduces design load by ensuring compliance with safety standards in the event of abnormalities

Applications Examples

- Rear lamps (stop/tail)
- License plate lamps
- Fog Lamps
- Turn signals
- DRLs



LED Driver ICs with Built-In Thermal Distribution Circuit: Specifications

| Part No. | Function | No. of Ch | Supply Voltage (V) | Withstand Voltage (V) | Max Output Current | LED Current Accuracy | Operating Temperature (°C) | Package |
|--|-------------------|-----------|--------------------|-----------------------|--------------------|----------------------|----------------------------|------------|
| New BD18337EFV-M | 3-stage LED drive | 4 | 5.5 to 20 | 40 | 150mA/ch | ±5% | - 40 to +125 | HTSSOP-B16 |
| New BD18347EFV-M | 2-stage LED drive | | | | | | | |



ROHM Co., Ltd.

21 Sain Mizosaki-cho, Ukyo-ku,
Kyoto 615-8585 Japan

www.rohm.com

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