



Independent Dimming for each Channel Ensures Smooth Color Control

Constant Current RGB LED Driver with PWM Dimming Function

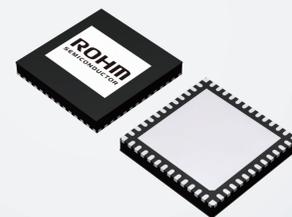
BD2808MUV-M

Features

- Independent 8bit PWM dimming function for each channel and 6bit RGB current DACs enable smooth, precise current control
- Low noise achieved through a slow slew rate function and 8-group distributed control
- Address selection function makes it possible to control up to 64 units in parallel

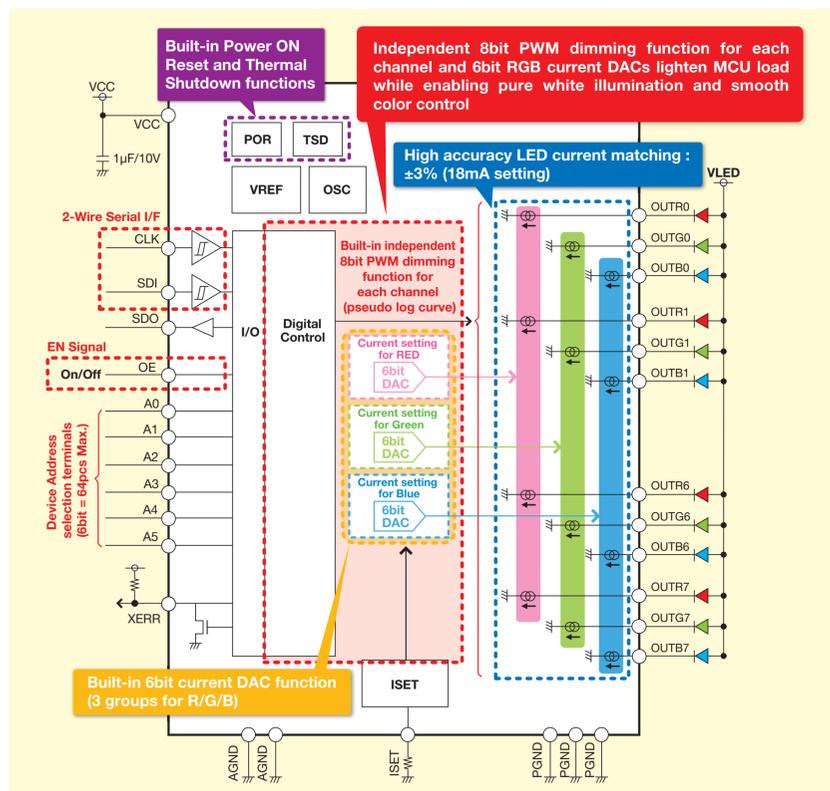
Applications

- Indicators for cluster panels
- Automotive RGB LED modules and displays
- Other automotive LED-equipped systems

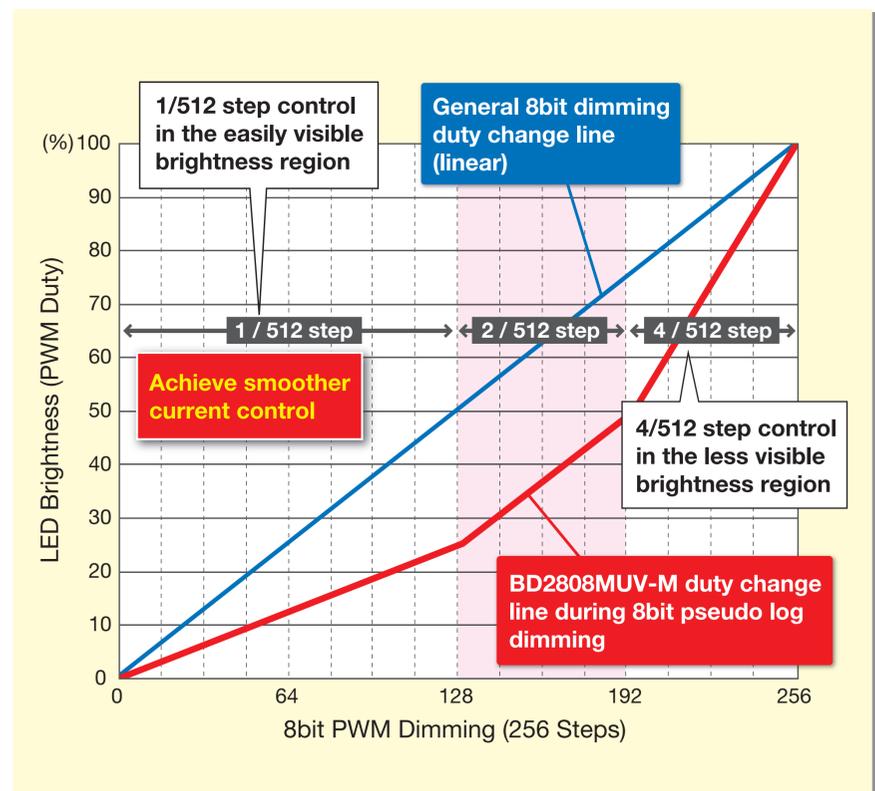


VQFN48MUV070

Block Diagram



Electrical Characteristics



Lineup

Part No.	Supply Voltage (V)	Output Voltage (V)	No. of Output (ch)	Output Method	Max. LED Current	Output Format	Other Output Format	Control Method	Max. Clock Frequency	Package
☆BD2808MUV-M	3.0 to 5.5	20	RGB × 8 (24ch)	Constant Current	50mA / ch	Built-in 64-step current DAC for RGB	Built-in 256 step PWM control for all channels	2-Wire Serial	1.0MHz	VQFN48MUV070

☆ : Under development