



PWM Dimming without an MCU

High Voltage High Accuracy LED Source Drivers

BD8374HFP-M / EFJ-M

Features

- Switches between PWM and DC modes without a microcontroller and provides high current accuracy: $\pm 3\%$
- Flag output possible via PBUS function
- Wide input voltage range: 4.5V to 42V

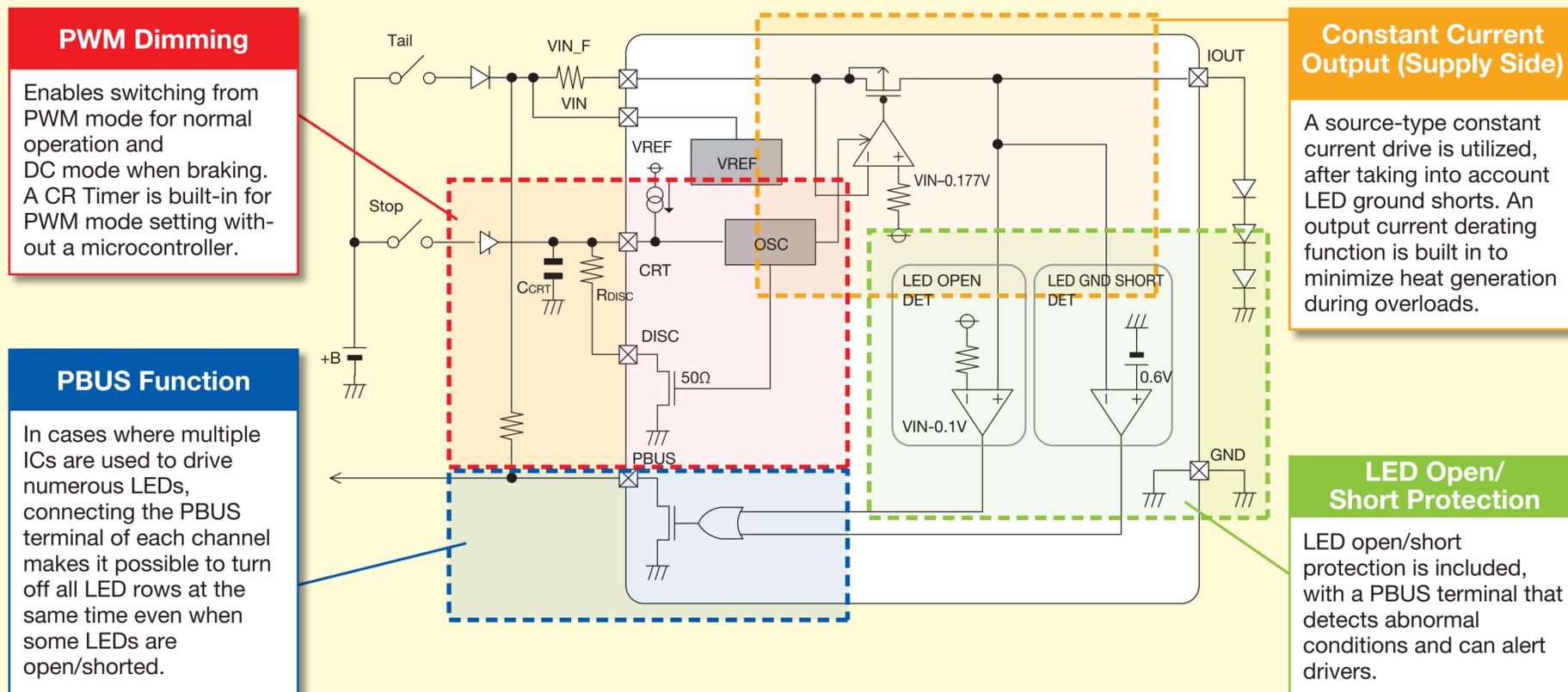
Applications

- Automotive exterior lamps
- Automotive interior lamps



Block Diagram

LED Drivers for Rear Lamps



Lineup

Part No.	Application	Number of Channels	Maximum Input Voltage (V)	Output Current (mA)	Current Accuracy	Dimmer Mode	LED Open/Short Detection	Package
BD8372HFP/EFJ	Rear/Turn Lamp	1	50	200	$\pm 3\%$	High Current/Low Current	○	HRP7/HTSOP-J8
BD8374HFP/EFJ	Rear/Turn DRL Lamp	1	50	500	$\pm 3\%$	PWM	○	HRP7/HTSOP-J8

