

# 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

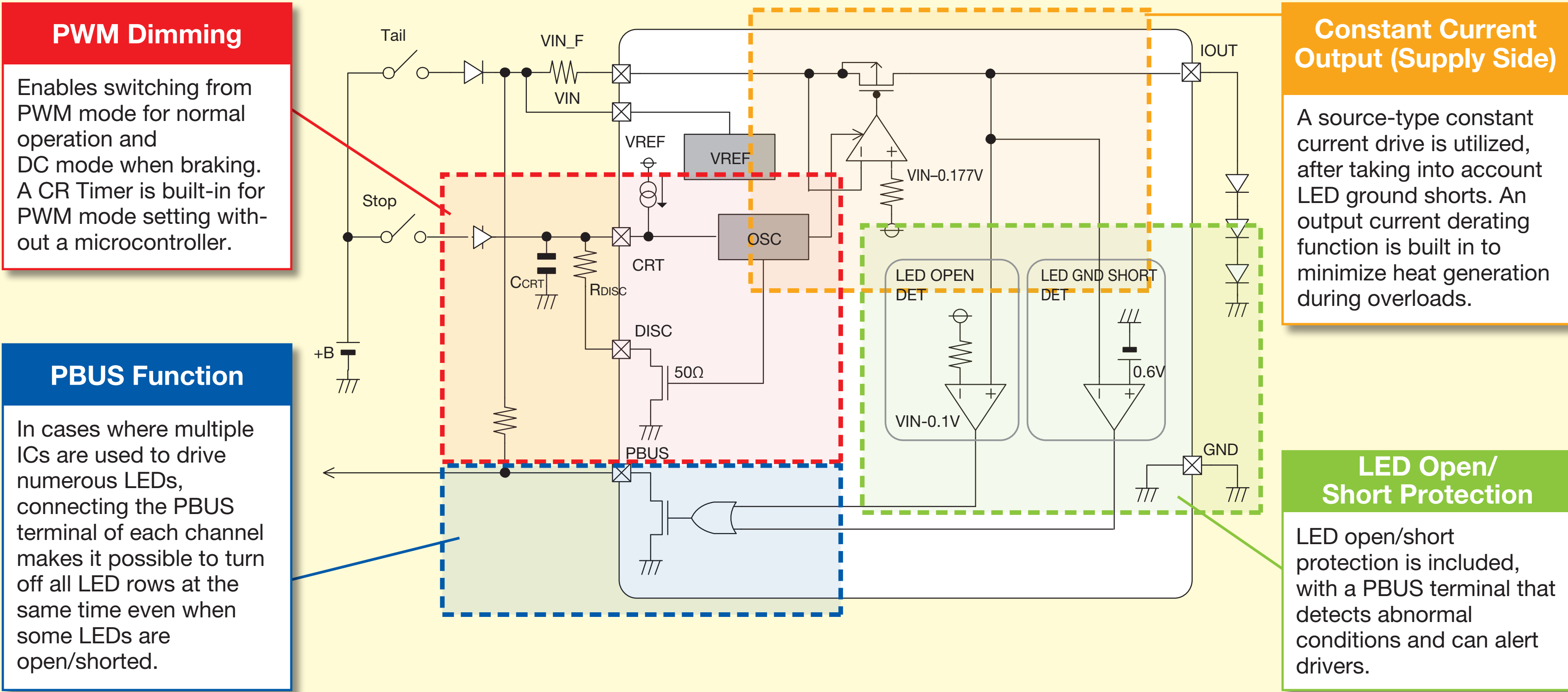
## Applications

- 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