

5000:1 dimming ratio, phase-shift function



4ch LED current driver and DC/DC converter

BD9465MUV-M



Features

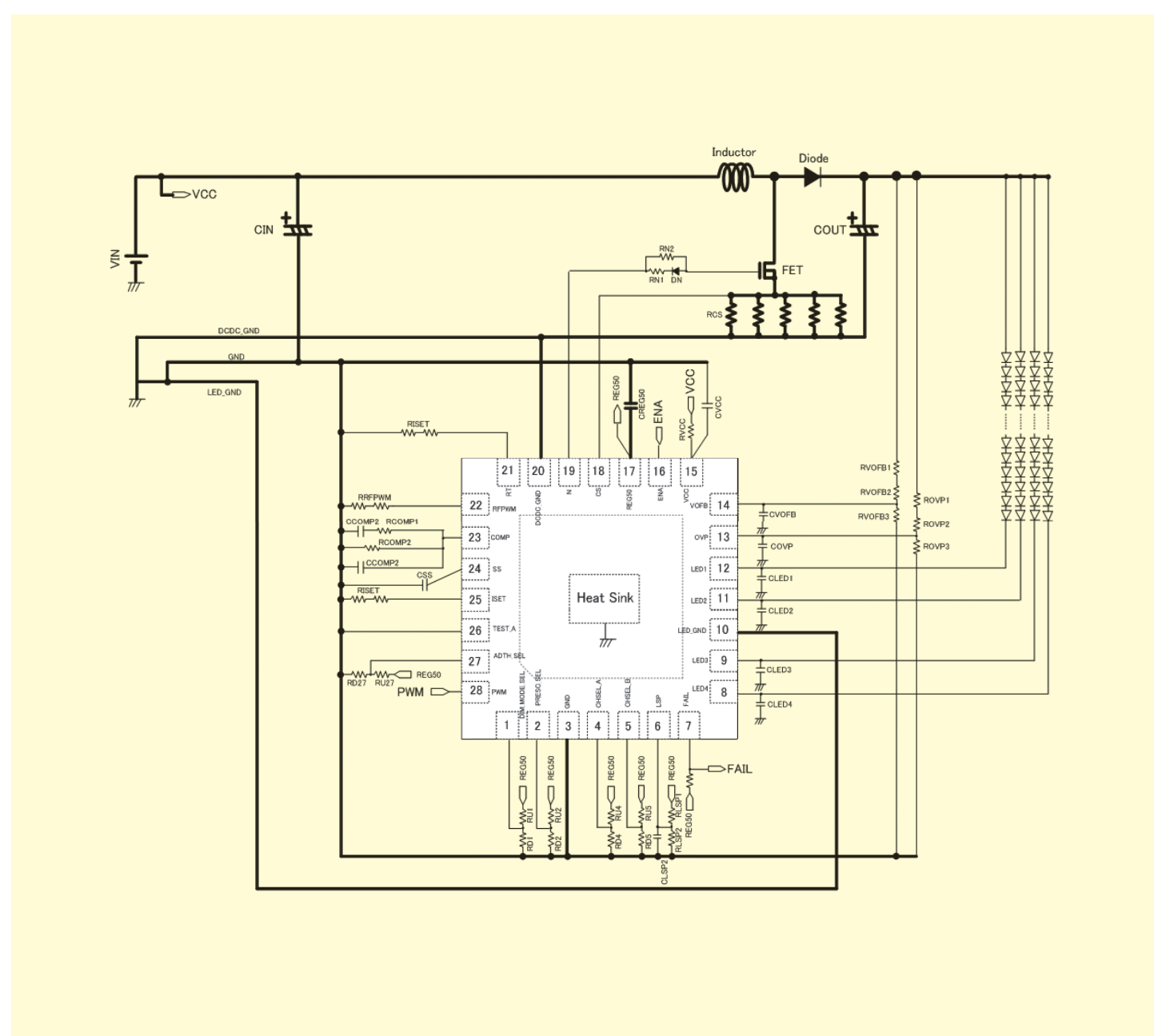
- 5000:1 Dimming Ratio using PWM dimming together with analog dimming and Frequency dimming
- phase-shift function for PWM dimming
- Changing Dimming mode automatically by single PWM signal input

Applications

- car navigation system
- TV

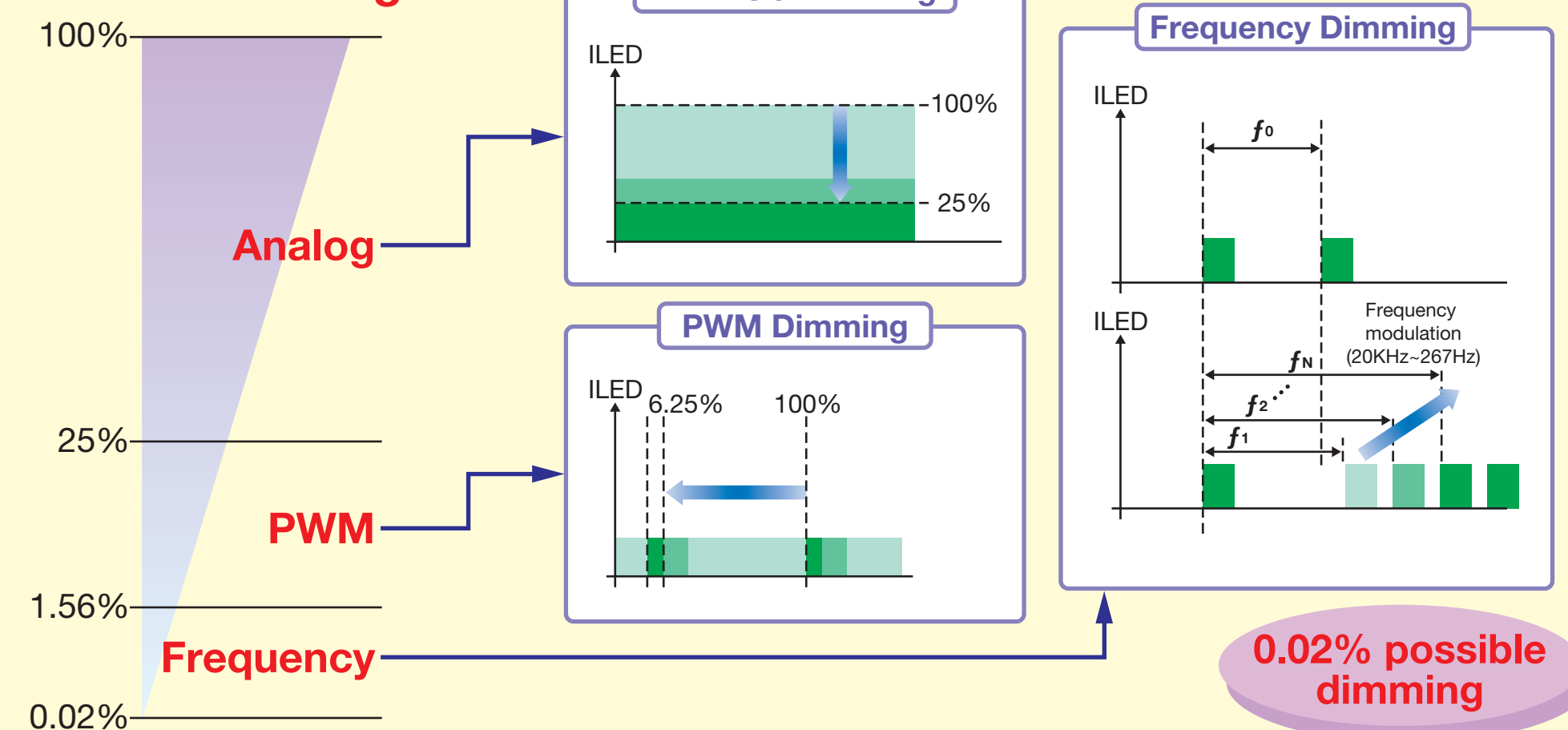


Application Circuit



Dimming System

20KHz Dimming



Changing Dimming mode automatically only by single PWM signal input
(Available changing order of PWM Dimming and Analog Dimming)

Phase-shift function

Generate 4-PWM signals with Phase Shift from single PWM input



Changing the phase shift according to the number of LED channels to use

4ch : 90deg
3ch : 120deg
2ch : 180deg

