

产品概览

LV88561: Motor Driver, Single-Phase, PWM, Full-Wave, BLDC for 24V/48V fan

欲看完整文档，请参阅数据表。

The LV88563JA is the pre-driver for a single-phase 24V/48V BLDC motor, which has the closed loop controller for motor rotation speed. This is available to control a motor with low vibration and the low noise. In addition, lead-angle adjustment is possible by external pins. Lead-angle value and lead-angle slant can be adjusted independently. Thus, the device can be driven by high efficiency and low noise with various motors. Motor speed setting curve is adjustable for many variety using external resistor only. As a method of the rotary speed control of the motor, direct-PWM pulse input is adopted.

特性

- Single-phase full wave drive pre-driver include closed loop speed control
- Speed control function by PWM duty input (25 Hz to 100 kHz)
- Soft start-up function and PWM soft switching phase transition
- Soft PWM duty cycle transitions
- Built-in current limit circuit and thermal protection circuit
- Built-in locked rotor protection and auto recovery circuit
- FG signal output
- Dynamic lead angle adjustment with respect to rotational

优势

- High accuracy for motor speed control
- Wide operation range
- Low noise and silent drive
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- Safety
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- Easy to motor control
- High efficiency

应用

- Motor Drive Unit

终端产品

- Server cooling fan
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器件电气规格

产品	Pricing (\$/Unit)	Compliance	Status	Phase	V _M Min (V)	V _M Max (V)	V _{CC} Min (V)	V _{CC} Max (V)	I _O Max (A)	I _O Peak Max (A)	Control Type	Package Type
LV88561JA-AH	0.9866	Pb-free	Active	1			3.9	20	0.05	0.15	PWM	SSOP-20J
		Halide free										
LV88561RTXG	1.008	Pb-free Halide free	Active	1			3.9	20	0.05	0.15	PWM	VCT-20

欲了解更多信息，请联系您当地的销售支援 www.onsemi.cn。

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