Product Overview

LV8804FV: Motor Driver, Sensor Less, Brushless, 3-Phase

For complete documentation, see the data sheet.

LV8804FV is a 3-phase sensorless motor driver IC. 3-phase driver allows low power consumption and low vibration. And Hall sensorless drive allows reduction of the size of a motor system. This IC is suitable for use in products which require high reliability and long life such as note server fan and refrigerator fan.

Features

- Direct PWM three-phase sensorless motor driver
- Built-in current limit circuit (Operates when RF resistance is 0.25Ω and Io=1A)
- Built-in lock protection and auto-recovery circuit
- Built-in TSD (thermal shutdown) circuit
- PWM(Pulse width Modulation) control
- Soft-Booting
- Soft-Switching
- 1chip Driver
- NchDMOS output transistor
- FG (rotation count) output signal pin

  For more features, see the data sheet

Benefits

- Easy Manufacturing
- Current protection
- Destruction protection
- Thermal protection
- High Efficiency
- Stability at booting
- Silent
- Easy Manufacturing

Applications

- Consumer
- Computing & Peripherals

End Products

- Refrigerator
- Server
- Desktop Computer

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