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Energy Efficient Innovations

ON Semiconductor

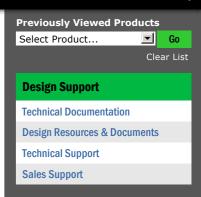
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LV8805SVGEVB: 3-Phase Sensorless Motor Driver IC

Products SensL Applications Design Support About MyON

LV8805SV 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 PC fan.





Features and Applications

Features

- Direct PWM three-phsae sensorless motor driver
- Built-in current limit circuit
- Built-in lock protection and auto-recovery circuit
- Built-in TSD (thermal shutdown) circuit
- Direct PWM input (PWMIN pin)
- Motor startup with soft-start (SOFTSTpin)

| Evaluation/Development Tool Information | | | | | | |
|---|--------|------------|------------------------------------|----------------|---|--|
| Product | Status | Compliance | Short Description | Parts Used | Action | |
| LV8805SVGEVB | Active | | 3-Phase Sensorless Motor Driver IC | LV8805SV-TLM-H | >> Contact Local Sales Office >> Inventory | |

| Technical Documents | | | | | | |
|----------------------------|---|--|-----|--|--|--|
| Туре | Document Title | Document ID/Size | Rev | | | |
| Eval Board: BOM | LV8805SVGEVB Bill of Materials ROHS Compliant | LV8805SVGEVB_BOM_ROHS.PDF - 65 KB | 0 | | | |
| Eval Board: Gerber | LV8805SVGEVB Gerber Layout Files (Zip Format) | LV8805SVGEVB_GERBER.ZIP - 34.0 KB | 0 | | | |
| Eval Board: Schematic | LV8805SVGEVB Schematic | LV8805SVGEVB_SCHEMATIC.PDF - 50 KB | 0 | | | |
| Eval Board: Test Procedure | LV8805SVGEVB Test Procedure | LV8805SVGEVB_TEST_PROCEDURE.PDF - 125 KB | 1 | | | |

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