



**THE DATASHEET OF
LB1975-E**



Product Overview

LB1975: 3-Phase Brushless Motor Driver

For complete documentation, see the data sheet.

LB1975 is a 3-phase brushless motor driver IC suited for use in direct PWM driving DC fan motors for air conditioners, water heaters and other similar equipment. Because a shunt regulator circuit is built in, single power supply operation sharing the same power supply for the motor is supported.

Features

- Withstand voltage 46 V, output current 2.5 A
- Direct PWM drive output
- 3 integrated output top-side diodes
- Integrated current limiter
- Integrated FG output circuit

Applications

- Fan motor control

End Products



- Air conditioners
- Water heaters

For more information please contact your local sales support at www.onsemi.com.

Created on: 8/17/2019

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