Product Overview

LV8827LF: PWM Drive 3-phase Brushless Motor Driver IC

For complete documentation, see the data sheet

Product Description

The LV8827LF is a PWM-type driver IC designed for 3-phase brushless motors. The rotational speed can be controlled by inputting the PWM pulse from the outside, and changing Duty. The IC incorporates a latch-type constraint protection circuit.

Features

- IO max=1.5A (built-in output Tr)
- Speed control and synchronous rectification using direct PWM input (supports 3.3V inputs)
- 1-Hall FG output
- Latch type constraint protection circuit (the latch is released by S/S and F/R.)
- Forward/reverse switching circuit, Hall bias pin
- Power save circuit (Power save in stop mode)
- Current limiter circuit, Low-voltage protection circuit, Overheat protection circuit
- Charge pump circuit, 5V regulator output
- Start/stop circuit (short brake when motor is to be stopped)

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

Created on: 9/14/2015