



NJW4305

PWM 3-PHASE DC BRUSHLESS MOTOR CONTROLLER

■ GENERAL DESCRIPTION

The NJW4305 is a 3-phase brushless DC motor controller with PWM control.

It uses hall element signal inputs and generates motor driving waveform.

Output pre-driver is optimized to work with external power MOS transistors for better power handling.

Using the NJW4305, 3-phase DC motor application with speed control feature can be easily achieved.

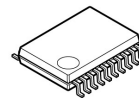
■ FEATURE

- Supply Voltage : 7.0V ~ 38V
- Quiescent Current : 4.1mA typ.
- PWM Pre-Driver : 100mA
- Direct PWM Control Circuit
- Operating Temperature : -40°C ~ +105°C (T Series)
- Protection Circuit : ILIMIT, UVLO, TSD, LD
- FG Output
- Forward / Reverse Direction
- Package : SSOP-20-C3

■ FUNCTION LINEUP

- NJW4305A : FR Function
- NJW4305B (PLN) : Vref (for HB)
- NJW4305C (PLN) : BR Function
- NJW4305D (PLN) : FR+Vref+BR+Small PKG

■ PACKAGE OUTLINE



NJW4305XVC3/T

■ BLOCK DIAGRAM

