

Stepper Motor Controller with Translator

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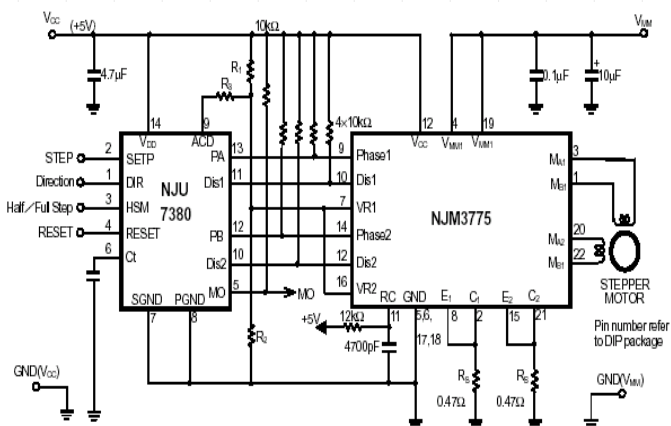
October 21, 2003

NJU7380

Stepper Motor Controller with Translator

NJU7380 is a controller with translator which converts from input step to driver's phase signal for full and half step. It is used with the NJM377x series bipolar drivers to drive stepper motor easily by step pulse input. NJU7380 also includes Auto Current Down (ACD) circuit which reduces power dissipation of power Devices and motor.

NJU7380 Typical Application

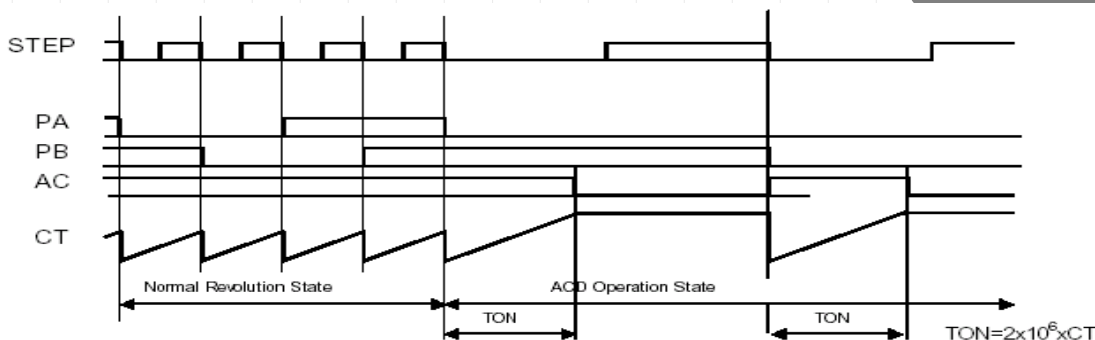
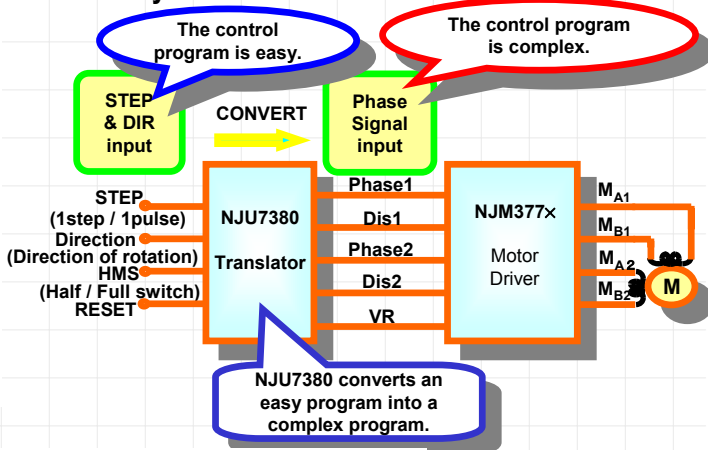


NOW Available !

Features

- Operating Voltage VDD=4.75 ~ 5.25V
- Absolute Maximum Voltage 7V
- Half -step and Full - step Operation
- Internal Phase Logic
- Phase Logic Reset Terminal(RESET)
- Internal Auto Current Down Function
- Specially matched to NJM3775 and NJM3777.
- C-MOS Technology
- Package Outline EMP14 (JEDEC SOIC)

Necessity of Translator



ACD Operation Timing Diagram

Applications

- General DC stepper motor applications



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