

## Stepper Motor Driver

NJM3717

DATA SHEET

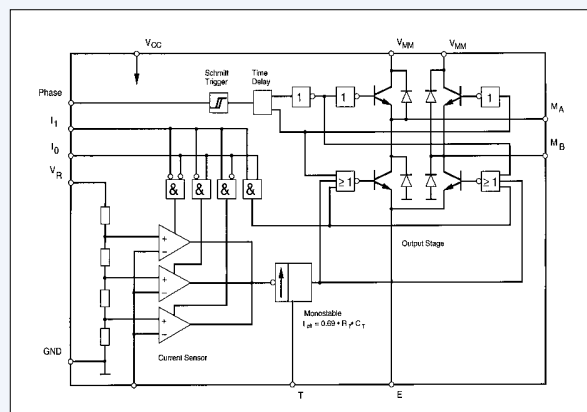
### ■ GENERAL DESCRIPTION

NJM3717 is a stepper motor driver, which consists of an LS-TTL compatible logic input stage, a current sensor, a monostable multivibrator and a high power H-bridge output stage with built-in protection diodes. The output current is up to 1200mA. Two NJM3717 and a small number of external components form a complete control and drive unit for stepper motor systems.

### ■ FEATURES

- Switched mode bipolar constant current drive
- Half-step and full-step modes
- Wide range of current control 5 - 1200mA
- Wide voltage range 10 - 50V
- Thermal overload protection
- Package DIP16/PLCC28/EMP20

### ■ EQUIVALENT CIRCUIT



## Stepper Motor Driver

NJM3770A

DATA SHEET

### ■ GENERAL DESCRIPTION

NJM3770A is a stepper motor driver, which consists of an LS-TTL compatible logic input stage, a current sensor, a monostable multivibrator and a high power H-bridge output stage. The NJM3770A is a high power version and pin-compatible with the NJM3717. Two NJM3770A and a small number of external components form a complete control and drive unit for stepper motor systems.

### ■ FEATURES

- Switched mode bipolar constant current drive
- Half-step and full-step operation
- Wide range of current controls 5 - 1800mA
- Wide voltage ranges 10 - 45V
- Thermal overload protection
- Package DIP16 (Batwing)/PLCC28/EMP20

### ■ EQUIVALENT CIRCUIT

