

## DESCRIPTION

The PT2463 is a motor driver designed for 2 phase stepping motor, it implement PWM to regulate output current. The driver stage is consists by dual MOSFET H-bridge. Fabricated by advanced BCD process to improve performance and reduce power losses. The driver support up to 40V supply voltage and maximum driving current up to 1.8A.

The on-chip voltage regulator allows only powered from a single power supply, VM, it highly reduce external components and saving the PCB size.

## FEATURES

- Low  $R_{DS(on)}$  BCD process
- PWM constant-current drive
- Provides phase inputs to allow full step and half step excitation
- High voltage and current: 40V/1.8A
- Thermal shutdown (TSD), over-current shutdown (ISD), power-on reset (POR) and under voltage lock out (UVLO) helps to secure operates status.
- HTSSOP 28-Pin package with thermal pad

## APPLICATIONS

- Home appliance
- Amusement machine
- Office automation machine

## BLOCK DIAGRAM

