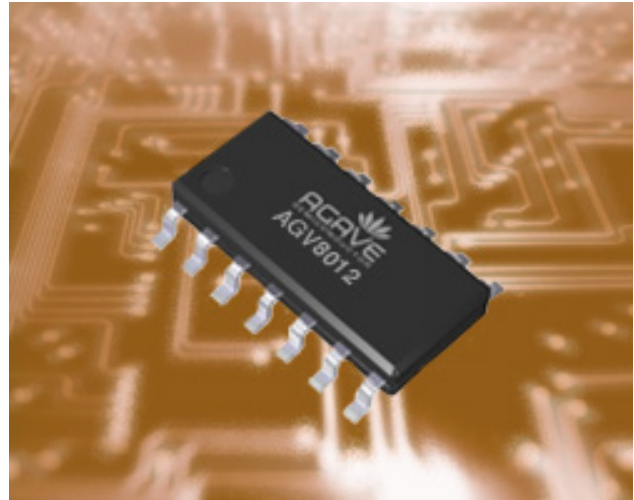


DESCRIPTION

The AGV8012 is a full featured single phase brushless DC fan/motor pre-driver suitable for four wire fans.

Variable speed is adjusted by varying the duty cycle to the PWM control input pin. The analog control pin can be used to interface with a thermistor when the PWM input control is not needed. The Hall amplifier output is reported on TACH. Rotor lock is reported on a separate ALARM pin.

Soft switching reduces audible noise. Current limit, locked rotor and thermal protections are also provided. The 40V MOS output predrivers can source or sink 100mA.



FEATURES

- Variable speed control for 4-wire fans
- Soft switching to reduce audible noise
- Separate TACH and ALARM pins
- Current limit protection
- Locked rotor detect and auto-retry
- Integrated Hall amplifier
- Interfaces with standard digital temp sensors
- Available in narrow body 14 lead SOIC
RoHS=compliant package

APPLICATIONS

- PCs, workstations, servers
- Industrial fans and blowers

