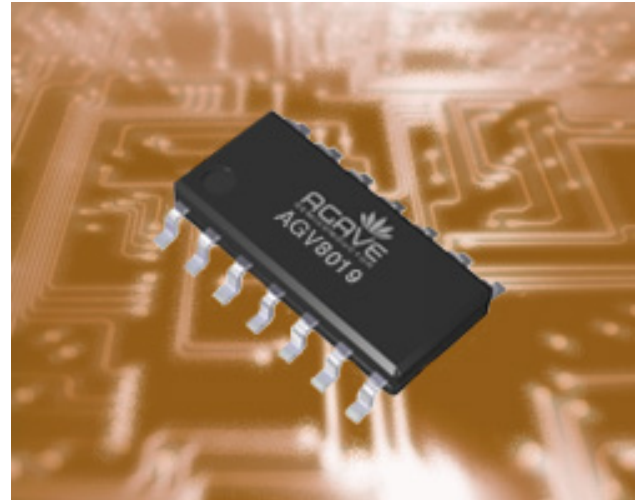


DESCRIPTION

The AGV8019 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. Minimum RPM is programmable via a resistor divider to Vref. The analog control pin can be used to interface with a thermistor when the PWM input control is not needed.

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
- Programmable min RPM
- Soft switching to reduce audible noise
- 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

