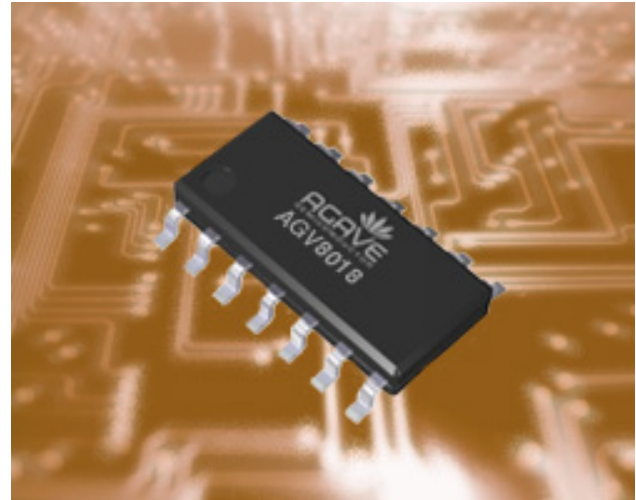


DESCRIPTION

The AGV8018 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.

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
- 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

