

24V BLDC Ceiling Fan

HT32F65432A, TX: BC2302C, RX: BC68F2123, AC/DC: HT7A8006

Characteristics

- 1-shunt FOC Sensorless speed control
- PFC power, buck circuit
- RF remote control
- Rotor initial position detection to avoid backward or vibrations
- Quiet start-up/shut-down
- 6-step constant speed control, forward/backward control and power-limit control
- Under/Over-voltage, over-current, over-speed, locked-rotor, phase loss protection functions

Applications

Low-voltage BLDC ceiling fans, solar BLDC ceiling fans, etc.

Block Diagram

