

Video 3-axis Gimbal

HT32F65232

Characteristics

- Single MCU controls 3-axis BLDC motor using position control in combination with S-curve command trace, stable without shaking
- No current loop, simplified control complexity
- Linear Hall sensor angle feedback, cost-effective
- GUI UART instant angle control
- Over-voltage, over-current and locked-rotor protection functions

Applications

Video gimbals, handheld gimbals, aerial gimbals, etc.

Block Diagram

