SimpleBGC encoder-enabled modular system for low-end consumer camera stabilizer

- **Low cost**
  Each module consists of entry-level STM32F051 series MCU, cheap magnetic or analog encoder (6+ models are supported by firmware), FET- or IC-based motor driver, minimal number of other components.

- **Better cabling**
  Only 5 wires go between modules

- **Compact size**
  MCU is available in UFQFPN32 package, allowing ultra-compact design and installation into small motors.

- **Reliable, low power consumption**
  Rotary encoders allow apply advanced FOC-algorithm for driving motors

- **Software compatibility**
  Fully compatible with SimpleBGC software stack (including GUI, mobile applications, Serial API, etc.)