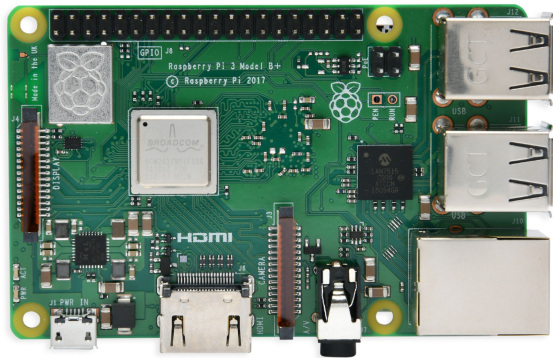


CURRENT COMPONENTS



RASPBERRY PI 3B+

CPU: Quad-core A53 (ARMv8) 64-bit @1.4GHz

GPU: Broadcom Videocore-IV

RAM: 1GB LPDDR2 SDRAM

OS: Linux (Raspbian)

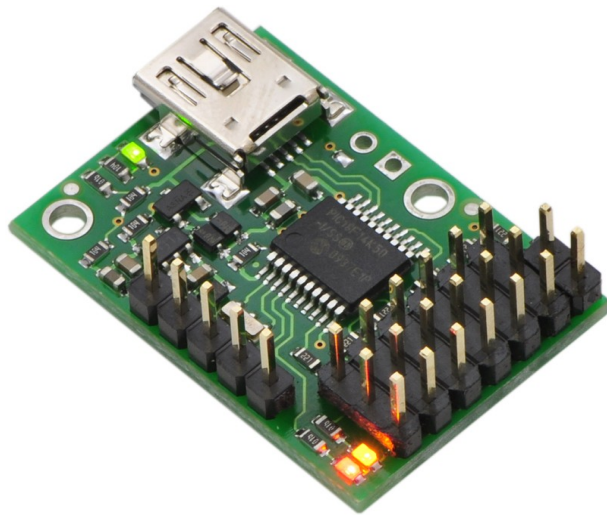
Power source: 5V micro-USB



FUTIBA SB3006 RC

Power source: 4.6 – 7.4V

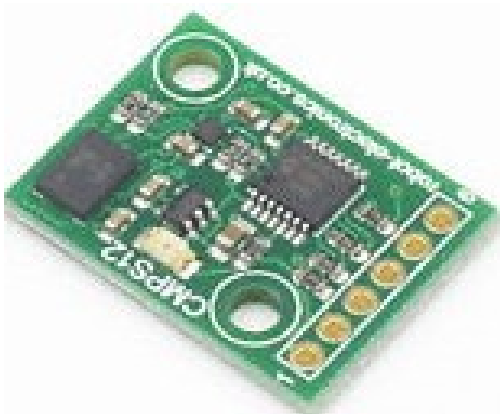
T-FHSS 2.4GHz Receiver with Dual Diversity (two) antennas and instructions



POLULU MAESTRO

INTERFACES: *USB, serial TTL (5V)*

Servo controller



CMPS12

INTERFACES: *I2C, serial*

POWER SOURCE: *3.3 – 5V*

Tilt compensated compass



BU-353 GPS



CYTRON RC RX MULTIPLEXER

OPERATING VOLTAGE: 3 - 6V

*For two possible control sources
8 output channel for RC servo motor*



SIM 868 GSM/GPRS/ GNSS/Bluetooth HAT

DOWNLINK SPEED: max 85.6kbps

UPLINK SPEED: max 85.6kbps

Access internet connection through
3G sim card



2*TURNIGY DC-DC REGULATOR

INPUT: 8-40V

OUTPUT VOLTAGE: 5 or 6V

OUTPUT CURRENT: max 5A

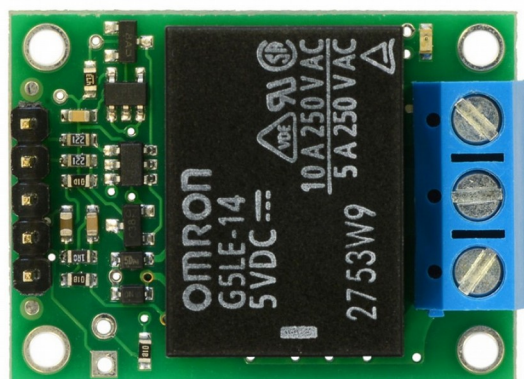


2*TURNIGY LiPo BATTERY

VOLTAGE: 11.1V

MINIMUM CAPACITY: 500mAh

CHARGE PLUG: JST-XH



RELAY G5LE-14 5VDC