

(EN) Manual

No. 48374.NANO

Flightcontrol

Technical data:

STM32 F405 MCU,
runs with Betaflight
firmware (support
from v3.3)

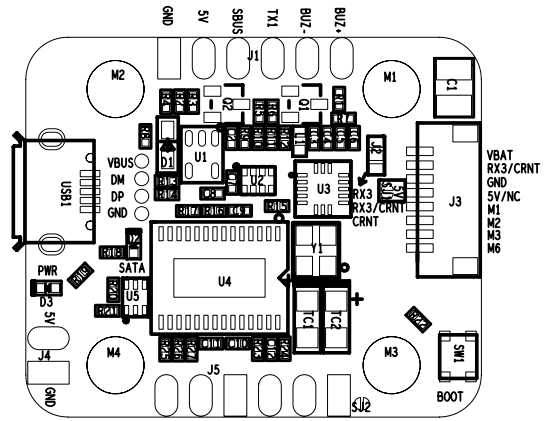
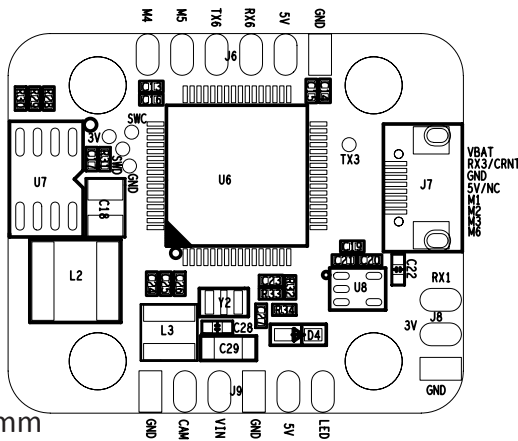
MPU6000 via SPI Bus

size 33x27mm,

mounting holes 20x20mm

input voltage Lipo (2-4S), 5V 1A BEC output. STM32 controls OSD Chip via SPI in DMA modus, less CPU using, faster rate, build in current sensor, PDB, LC-Filter. The SUMD signal is supported on RX6 with UART6 selected to Serial RX. HoTT-Telemetry can be connected to TX1 or one of the softserials.

CLI commands: resource Motor 4 none, resource Motor 5 none, resource Motor 6 none, resource Motor 4 A08, resource SERIAL_TX 11 A01, resource SERIAL_TX 12 A02, save



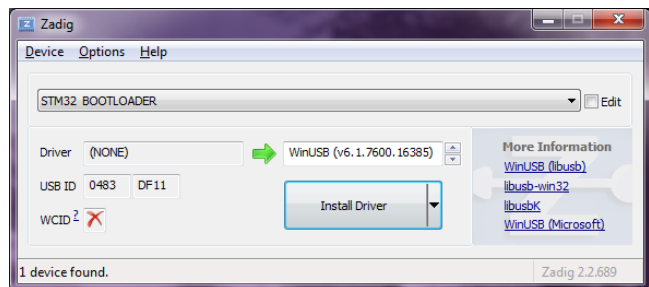
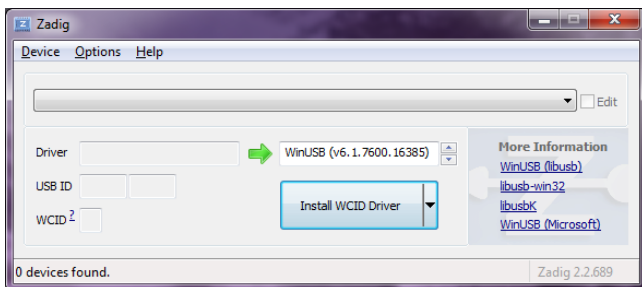
Firmware update

OMNIBUS is supported by Betaflight from v3.3, use target „OMNIBUS F4 SD“ to update the firmware.

First change driver with „Zadig“ <http://zadig.akeo.ie/>

To flash the firmware you have to enter the DFU mode. On Windows 10 you have to use a tool called Zadig (download and start it) to be able to switch drivers for DFU mode to work. In order to switch drivers you have to take the following steps.

- On the Flightcontrol, press the BOOT button or insert the bridge and connect the USB cable (the red LED is low).



- Start Zadig and click on „Options“ and choose „List All Devices“.
- Choose from the list „STM32 BOOTLOADER“.
- For „Driver“, select „WinUSB (v6.1.7600.16385)“, then click on „Replace Driver“ on the right.
- Close Zadig, unplug Flightcontrol, close all Google Chrome programs. Restart the computer.
- Search Google Chrome app „Betaflight“, install and open app
- Connect Flightcontrol

For further information please visit www.graupner.de on the product page of the article

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EN - SIMPLIFIED EU DECLARATION OF CONFORMITY

Hereby, Graupner/SJ declares that the radio equipment type 48374.Nano is in compliance with Directive 2014/30/EU. The full text of the EU declaration of conformity is available at the following internet address: www.graupner.de

