5V Analog Power Supply

Gyroscopes

Sallen-Key-Filter

12 Bit- ADC

ACC- Sensor

SPI Buffer

Sallen- Key Configurations:

C6, C8, C12, C13, C14, C15, C36, C42

220 nF: 45 Hz (default value for pressure)
100 nF: 100 Hz (default value for gyros)
68 nF: 146 Hz
39 nF: 255 Hz

Temperature

Sensor Board HW- ID

Sensorboard Connector (to FC)

Reference Voltage

24 Bit- ADC

5V Analog Power Supply

Pressure Sensor

Sallen-Key-Filter

3 Axis Compass

Debug LEDs

Power Connector (to FC)

3.3V Digital Power Supply

GPS Connector

AVR SPI

UAVP NG	
Sensor Board	
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