Middle board
ATmega2560 microcontroller
Top connectors
Main connectors
SD card
SPI level convertors
Reset pull-up
Programming connector
I2C pull-ups
Top board
Four LED diodes
UV light sensor
Humidity sensor
Visible and IR light sensor
Linear servo
Pressure and temperature sensor
Middle connector
GPS and level converters
Accelerometer and magnetometer
Main board
Voltage regulators
O2 sensor and amplifier
Central connector
Middle connectors
Battery connectors and main switch
CO2 sensor and amplification
Battery voltage divider
Power output to regulators
Ozone sensor
Center board
RFM transmitter and level convertors
GSM connetor and level convertors and dividers
Main_connector
FC power input
FC output
FM camera power connector
Cameras power switch
FC pwm input
SD camera connector
Flight controller power switch
Regulator connector
Gamma board connector
Sample collection servo connector
Bottom board connector
Bottom board
Battery pillar
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