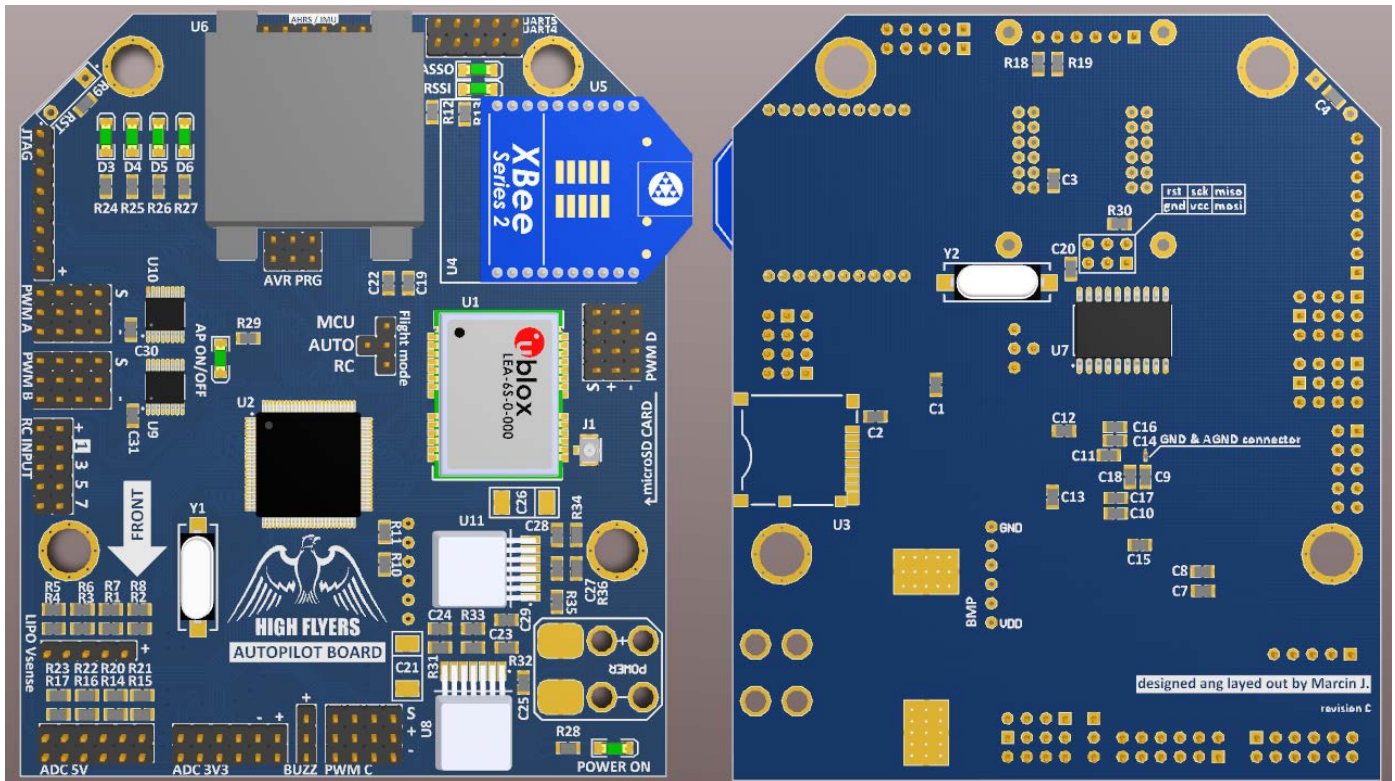




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Specification of Autopilot Board designed for "POLSL HF-1 Orzeł"



- Up to 3A for each power rail (+3.3V, +5V)
- 16 PWM Channels
- Independent failsafe RC Switch coordinating 8 Channels
- Exchangable AHRS (UM6 / minIMU)
- 5HZ GPS
- Pressure sensor
- 4 ADC channels for 5V devices
- 4 ADC channels for 3.3V devices
- Xbee (Pro) telemetry link
- Micro SD logger
- Up to 4 cell battery voltage monitor
- JTAG programming and debugging interface
- 2 auxiliary UART expansion ports
- 4 debugging LEDs
- Digital noise isolated from analog ground potential