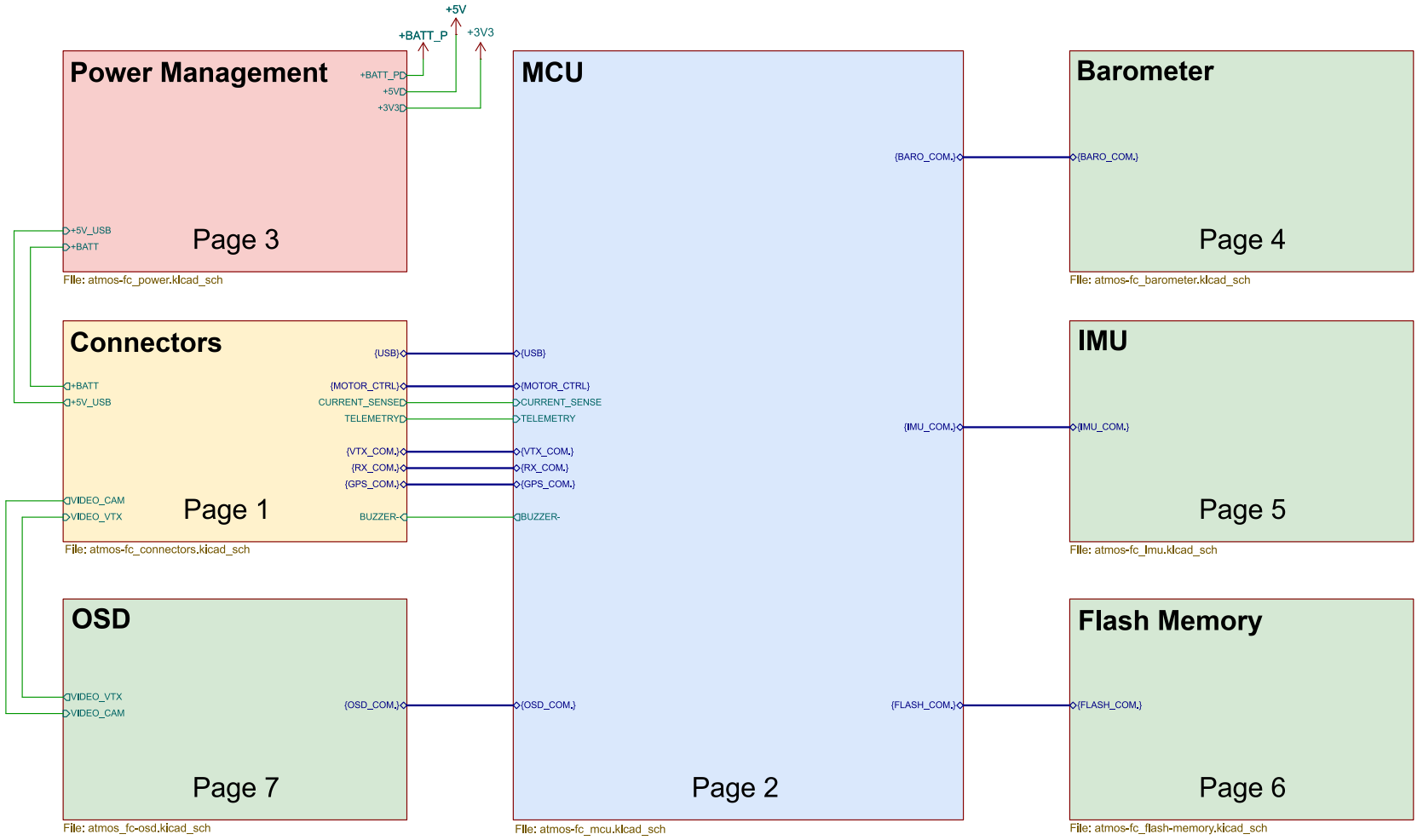
# [1] Project Architecture




| | | |
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| Sheet: / | | |
| File: atmos-fc.kicad_sch | | |
| **Title: Project Architecture** | | |
| Size: A4 | Date: 2025-09-01 | **Rev: 0.1** |
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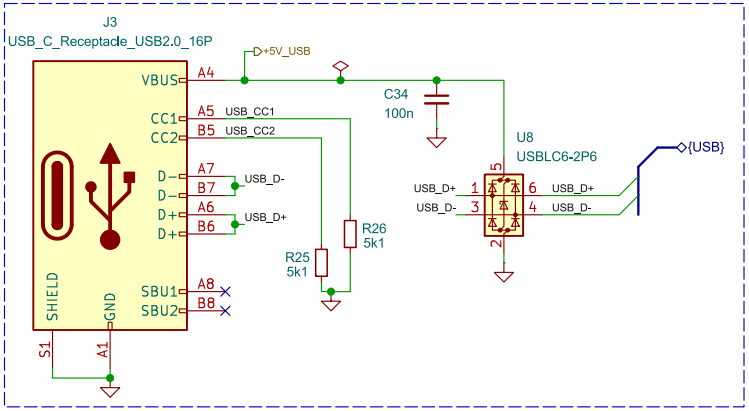
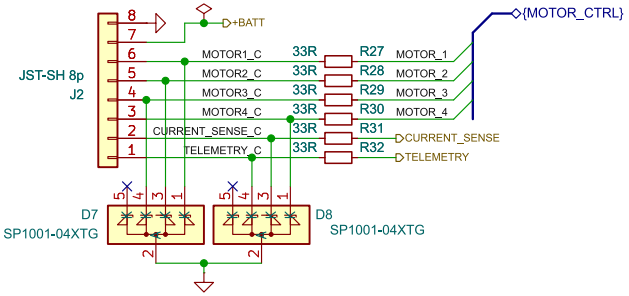
# [1] Connectors

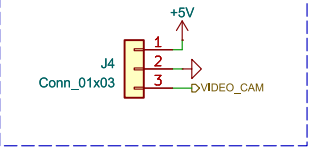
## USB



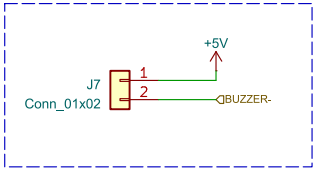

## ESC



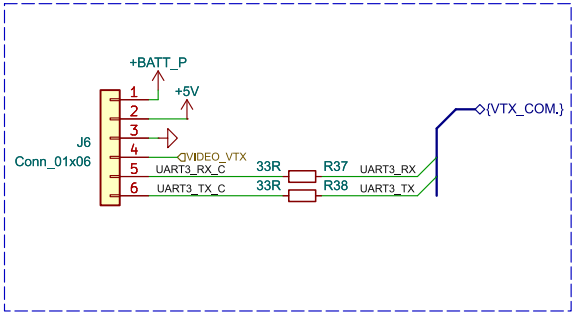

## Camera



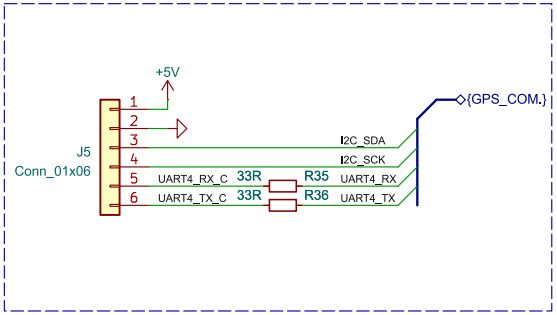

## Buzzer



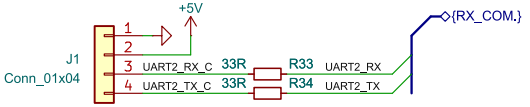

## VTX




## GPS




## Receiver (RX)




## M3 Mounting Holes

Sheet: /Connectors/
File: atmos-fc_connectors.kicad_sch

**Title: Connectors**

| Size: A4 | Date: 2025-09-01 | **Rev: 0.1** |
|---|---|---|
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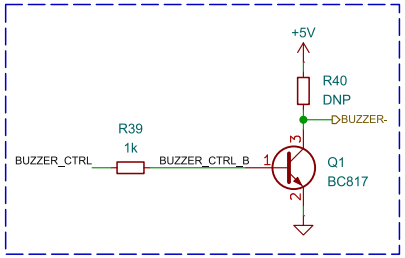
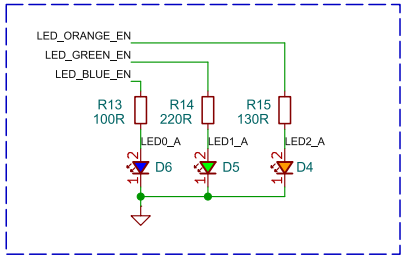
# [2] MCU

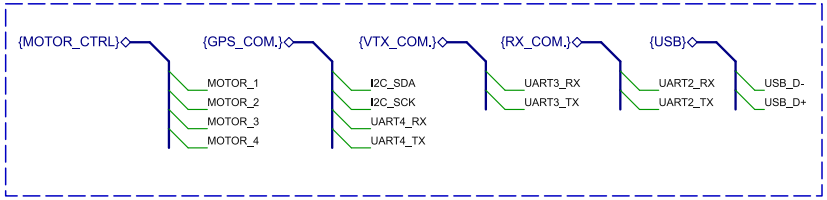
## Buzzer Control



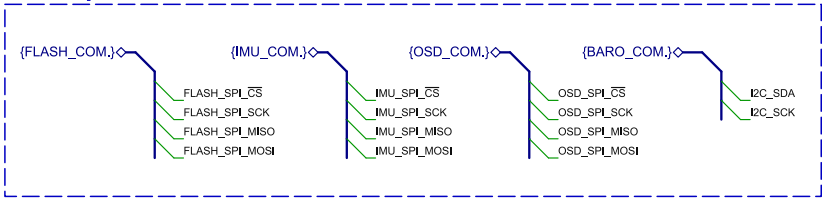

## User LEDs



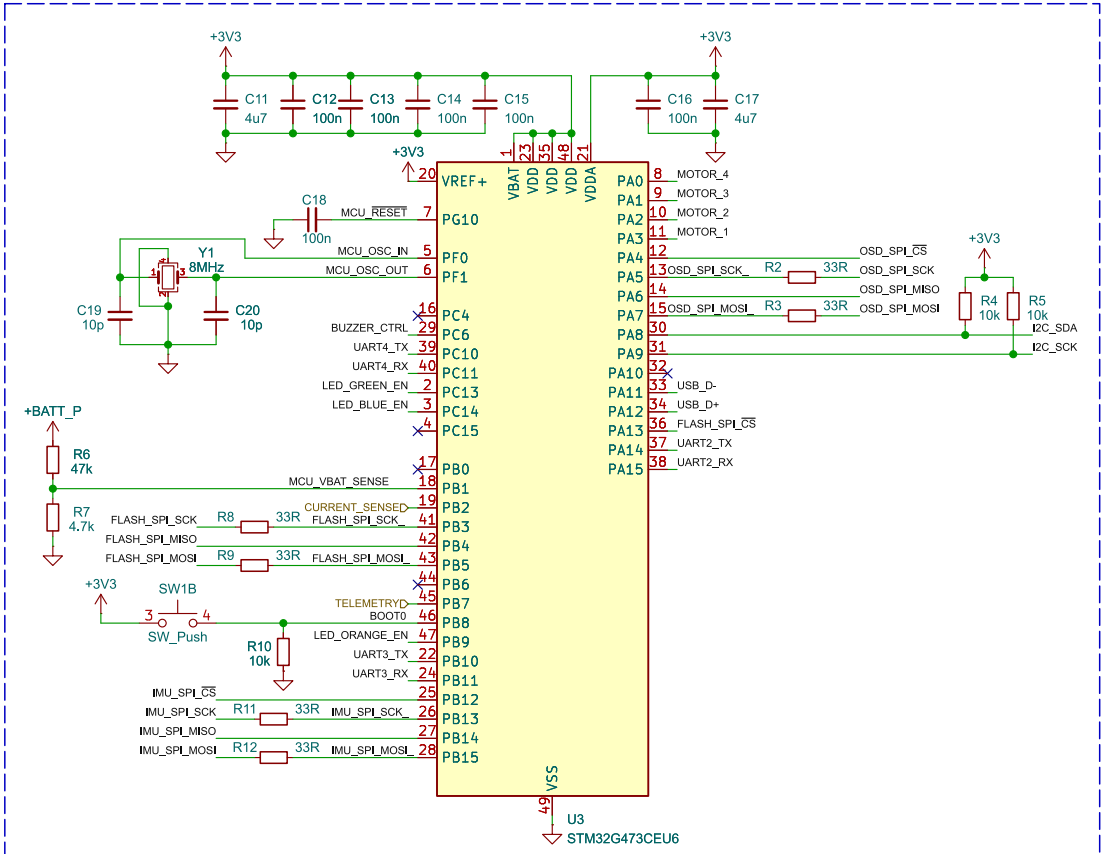

## Connectors Buses




## Peripherals Buses




## MCU

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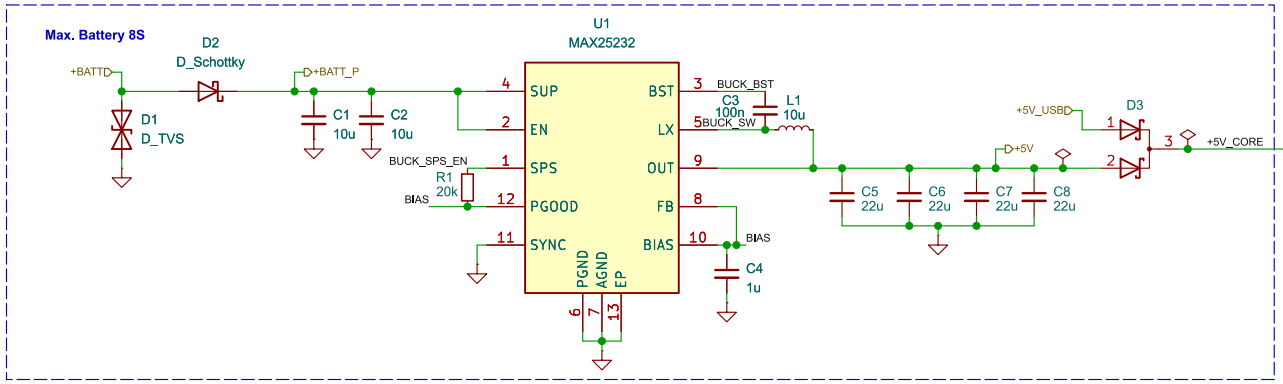
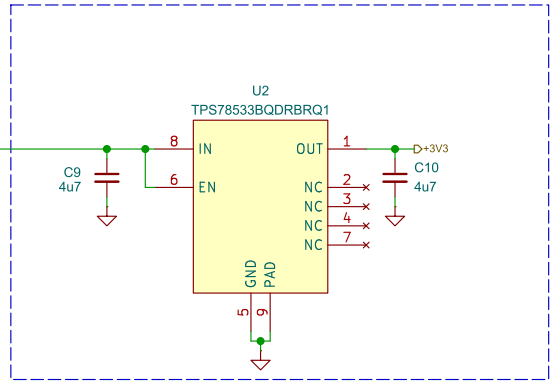
| **Title: MCU** | | |
| Size: A4 | Date: 2025-09-01 | **Rev: 0.1** |
| KiCad E.D.A. 8.0.6 | | Id: 2/8 |

# [3] Power Management

## 5V Buck Converter




## 3V3 LDO Regulator

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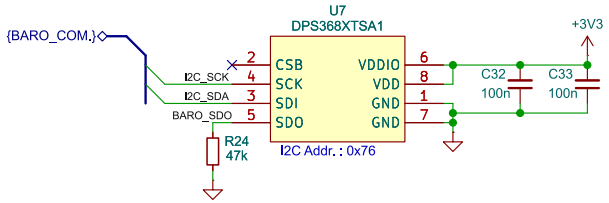
| Size: A4 | Date: 2025-09-01 | **Rev: 0.1** |
| KiCad E.D.A. 8.0.6 | | Id: 3/8 |

# [4] Barometer

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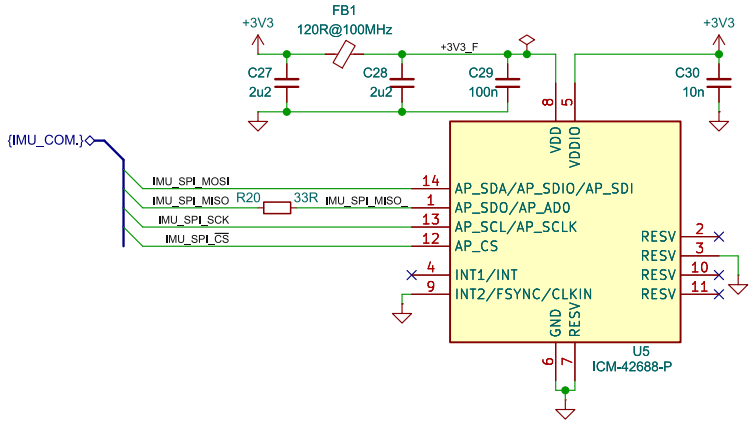
| **Title: Barometer** | | |
| Size: A4 | Date: 2025-09-01 | **Rev: 0.1** |
| KiCad E.D.A. 8.0.6 | | Id: 4/8 |

# [5] Inertial Measurement Unit

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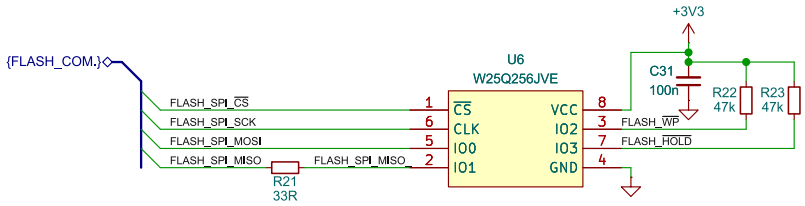
| Size: A4 | Date: 2025-09-01 | **Rev: 0.1** |
| KiCad E.D.A. 8.0.6 | | Id: 5/8 |

# [6] Flash Memory (Blackbox)

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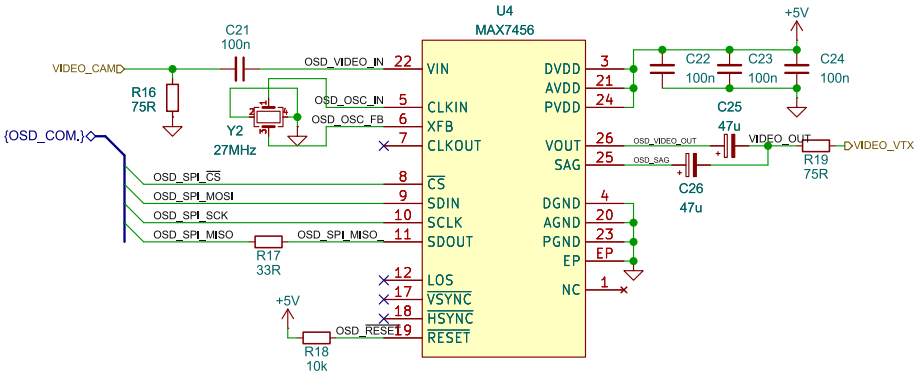
| KiCad E.D.A. 8.0.6 | | Id: 6/8 |

# [7] On Screen Display

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| Size: A4 | Date: 2025-09-01 | **Rev: 0.1** |
| KiCad E.D.A. 8.0.6 | | Id: 7/8 |