

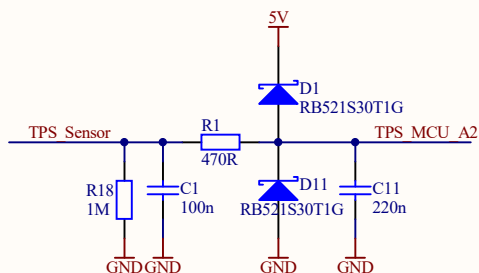
1

2

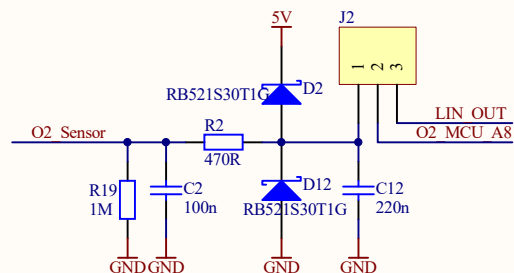
3

4

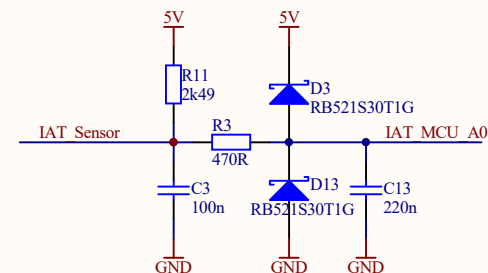
Throttle Position Sensor



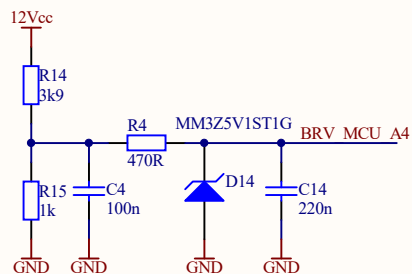
O2 Sensor (internal WB or external)



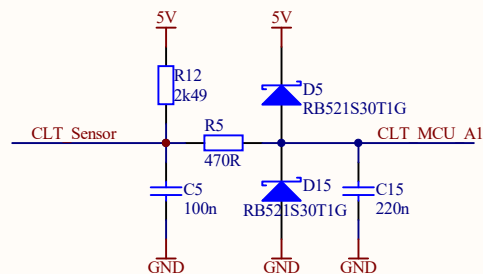
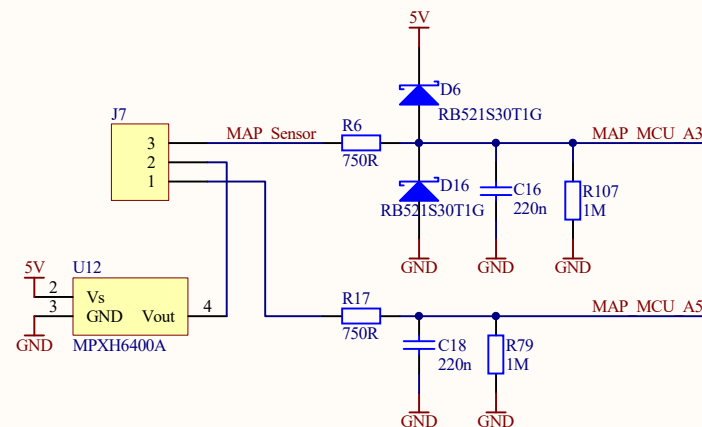
Inlet Air Temperature Sensor



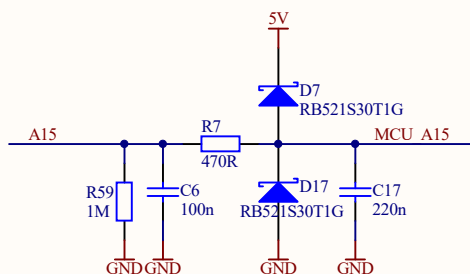
Battery reference voltage



Coolant Temperature Sensor

Manifold Air Pressure Sensor  
(internal can be used as baro)

Spare analog input

Title  
Analog inputs and sensorsSize  
A4

Number

Revision

Date: 03.10.2024

Sheet 1 of 8

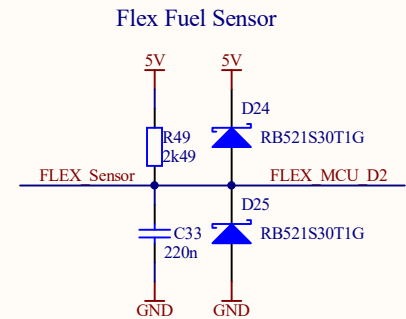
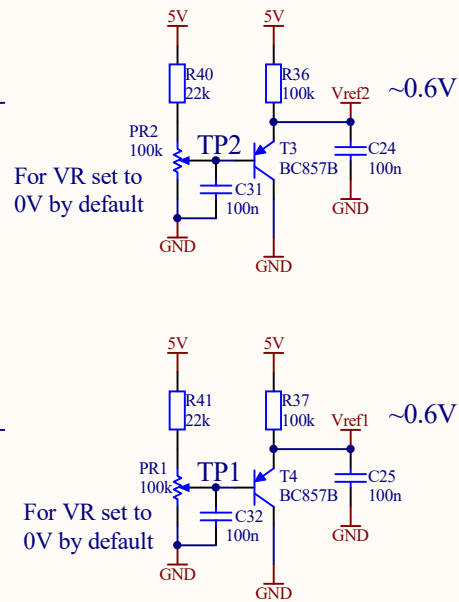
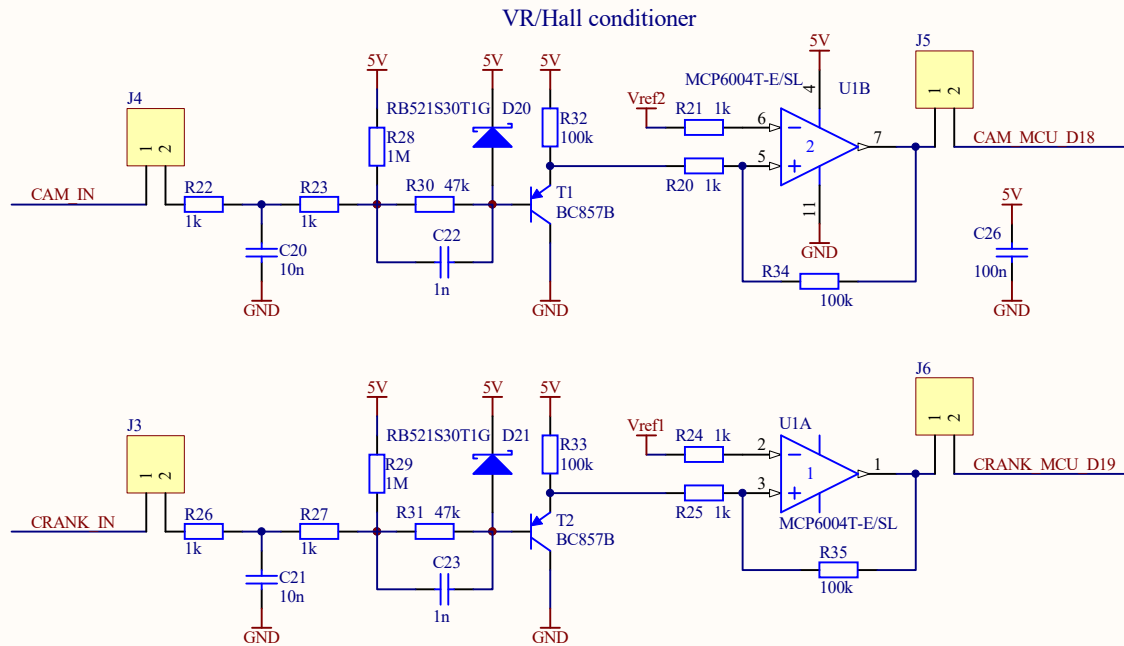
File:

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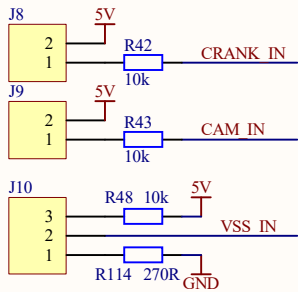
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3

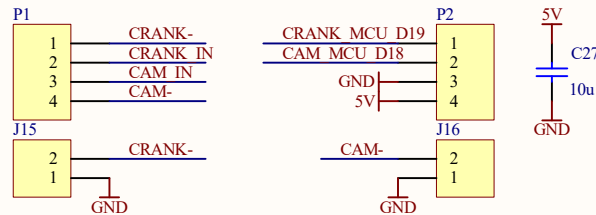
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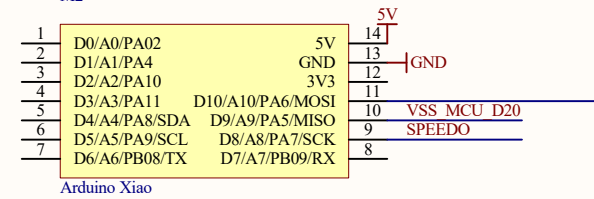
### pull-up



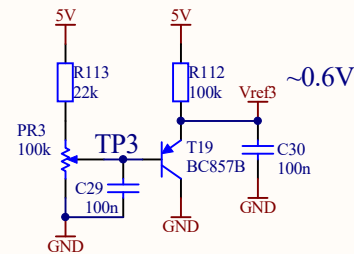
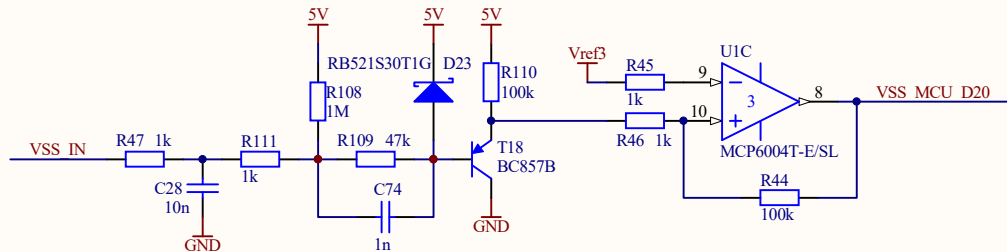
### external conditioner



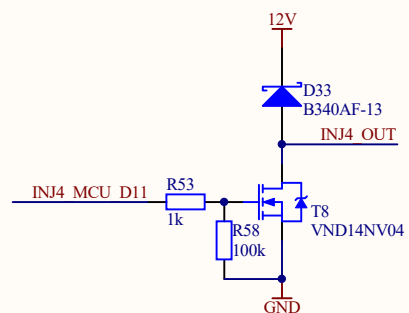
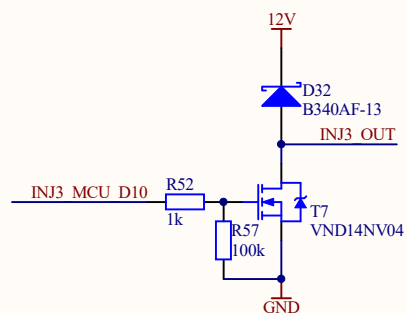
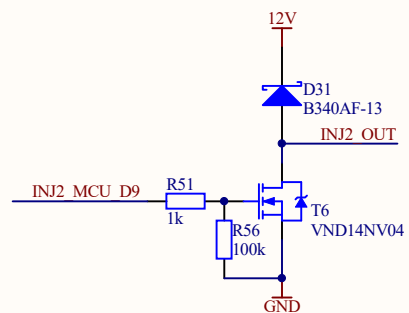
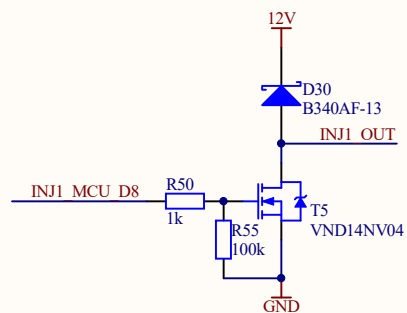
### speedometer output signal synthesys



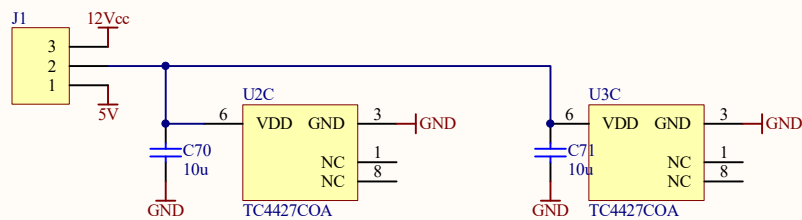
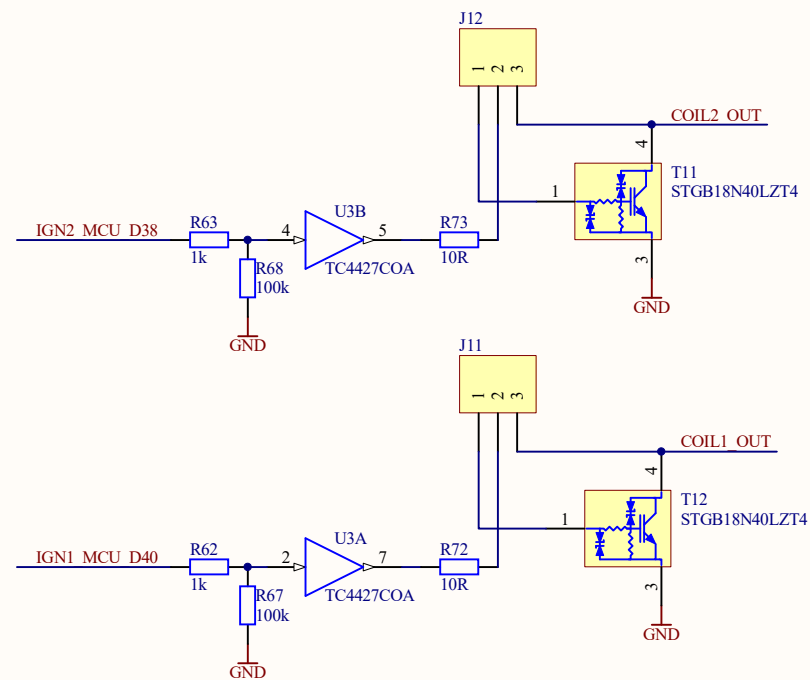
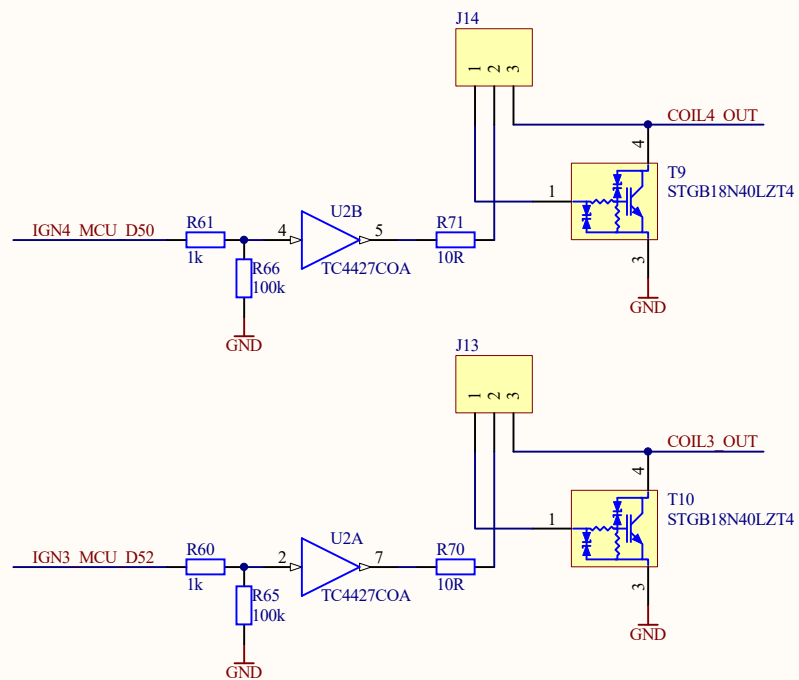
### Vehicle Speed Input



| Title                                   |            |  |             |
|---|------------|--|-------------|
| Frequency inputs (Crank, Cam, VSS etc.) |            |  |             |
| Size                                    | Number     |  | Revision    |
| A4                                      |            |  | v1.2        |
| Date:                                   | 03.10.2024 |  | Sheet2 of 8 |
| File:                                   |            |  |             |

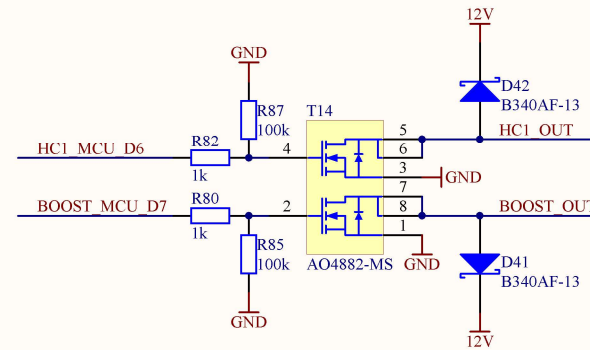
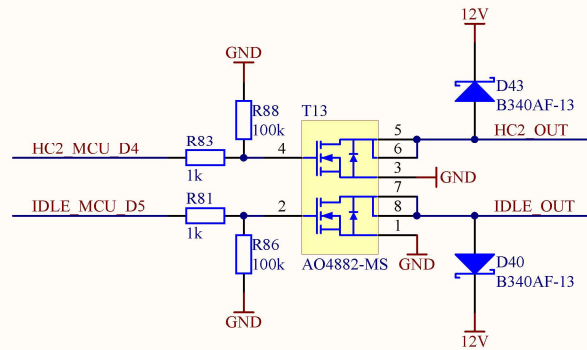


|                     |             |          |
|---------------------|-------------|----------|
| Title<br>Injectors  |             |          |
| Size<br>A4          | Number      | Revision |
| Date:<br>03.10.2024 | Sheet3 of 8 |          |
| File:               |             |          |

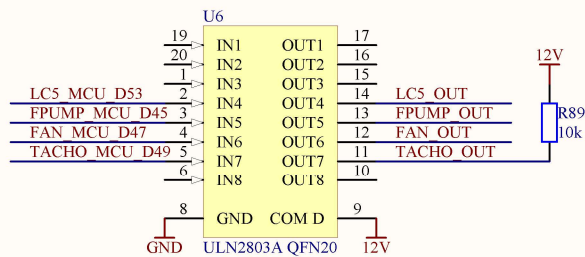


|                   |            |             |
|-------------------|------------|-------------|
| Title<br>Ignition |            |             |
| Size<br>A4        | Number     | Revision    |
| Date:             | 03.10.2024 | Sheet4 of 8 |
| File:             |            |             |

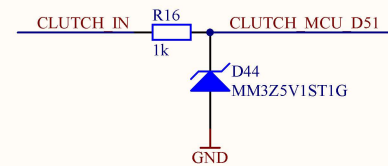
## High current outputs



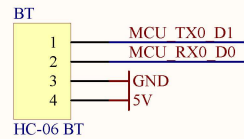
### Low current outputs



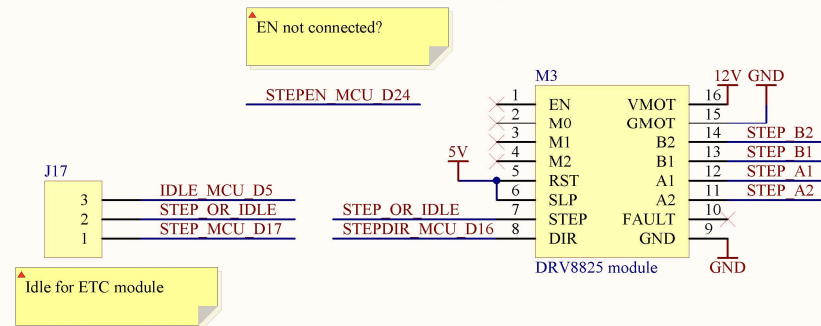
### Clutch input



## HC-06 Bluetooth module



## Stepper motor driver module



|       |  |
|-------|--|
| Title | Miscellaneous outputs/inputs (Low/High current, Bluetooth) |
|-------|--|

|            |            |              |
|------------|------------|--------------|
| Size<br>A4 | Number     | Revision     |
| Date:      | 03.10.2024 | Sheet 5 of 8 |
| File:      |            |              |

A

A

B

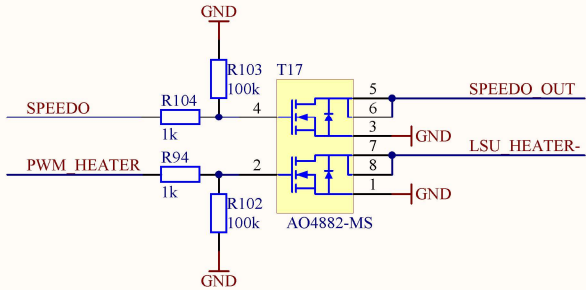
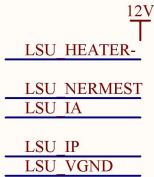
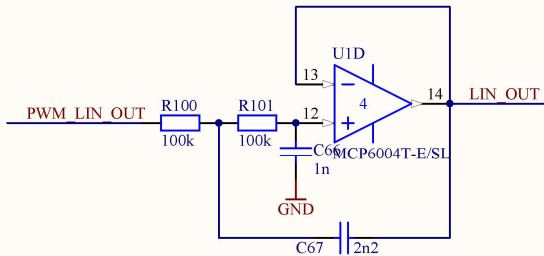
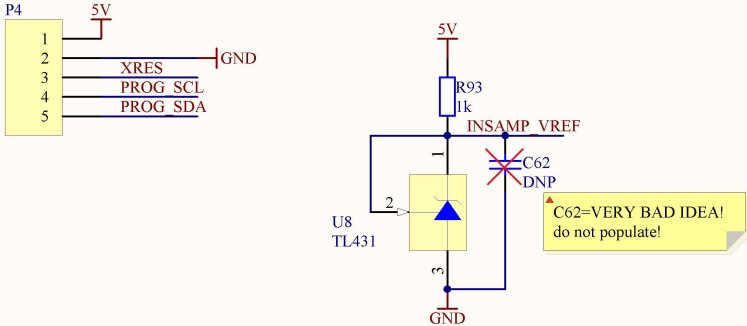
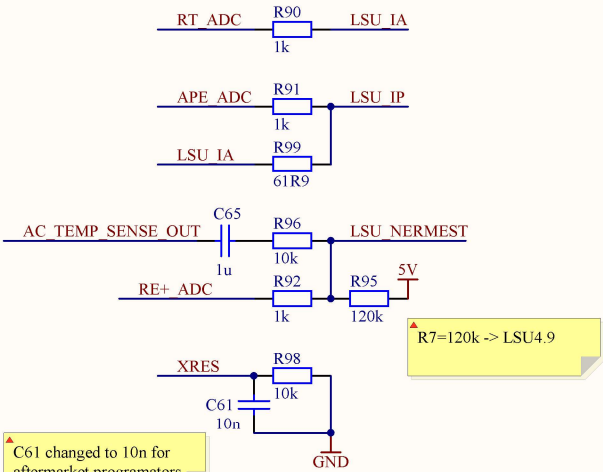
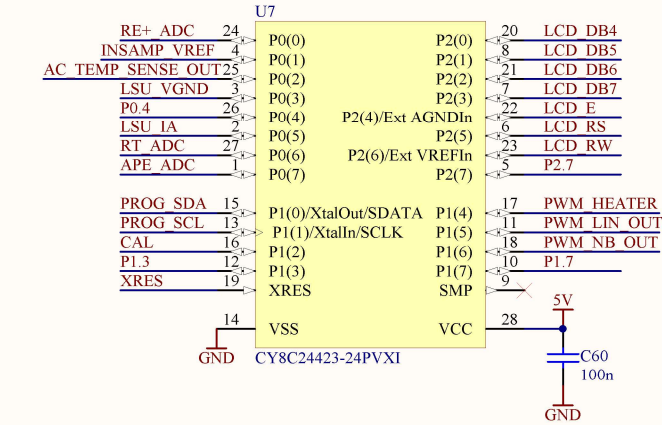
B

C

C

D

D



|   |             |          |
|---|-------------|----------|
| Title Wide Band Oxygen Sensor Controler |             |          |
| Size A4                                 | Number      | Revision |
| Date: 03.10.2024                        | Sheet6 of 8 |          |
| File:                                   |             |          |



