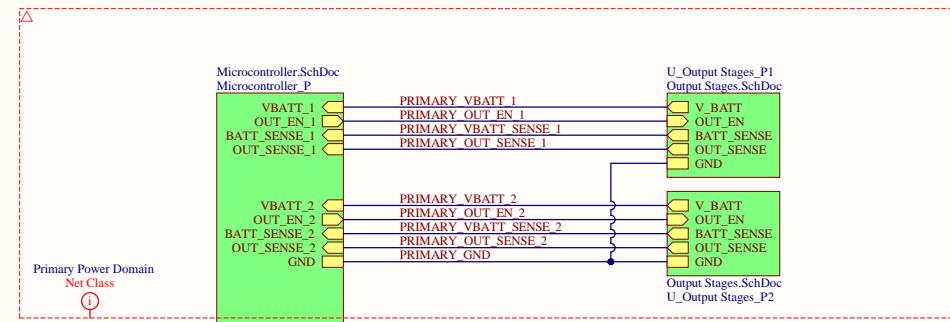
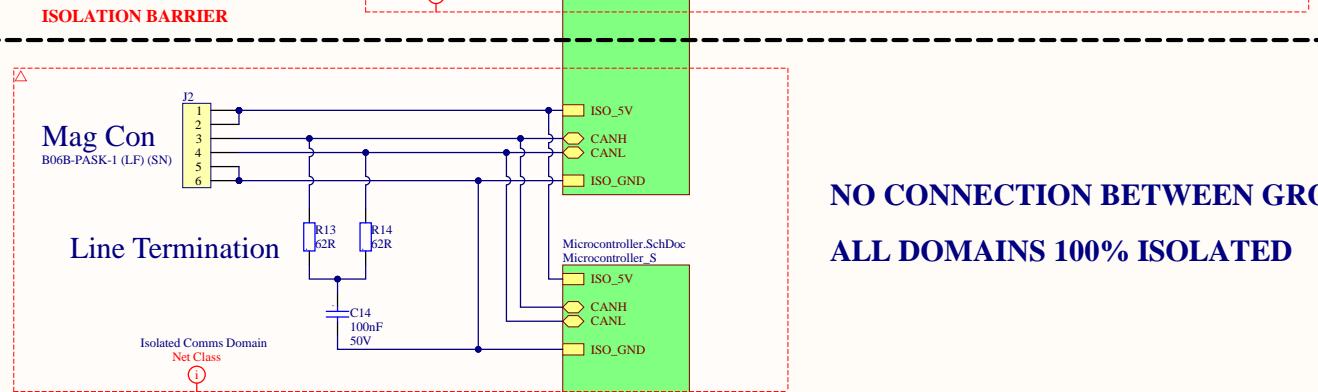
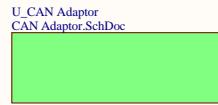


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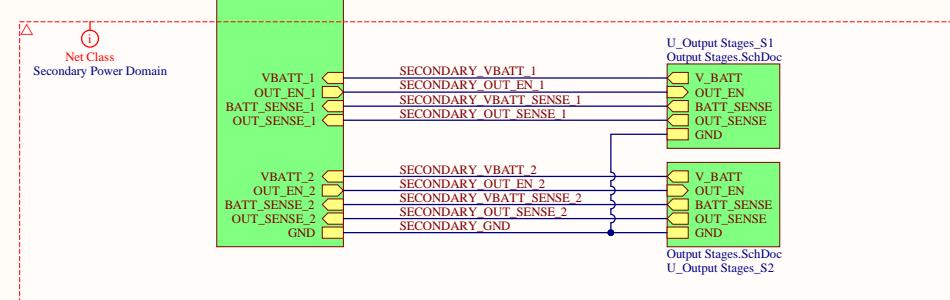


B



**NO CONNECTION BETWEEN GROUNDS
ALL DOMAINS 100% ISOLATED**

C



BREAKOUT 3
Z1 Z2 Z4 Z5 Z6

X|Y X|Y X|Y X|Y X|Y X|Y



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Drawing No: KDA Rev A1

Title: Karman Delta V.E.C.T.O.R. Board

CAD: Altium Designer 25.8

Changed by: Nick Angelov

Change date: 7 Nov 2025

Sub-Title: Top Sheet.SchDoc

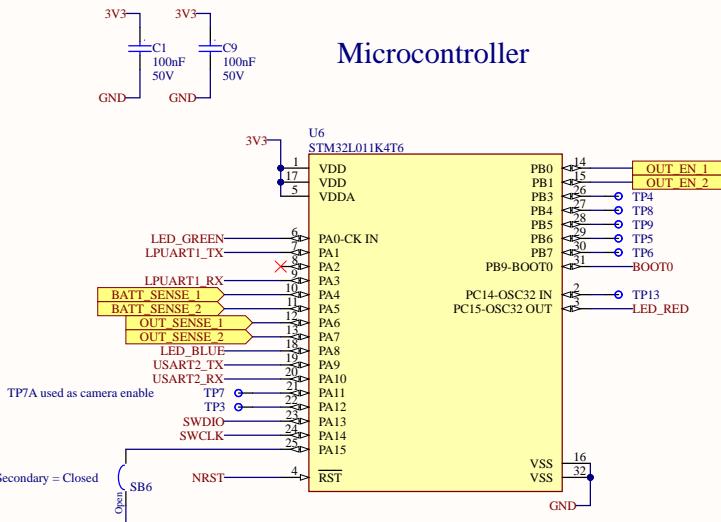
Size: A3

Change reason: First Issue

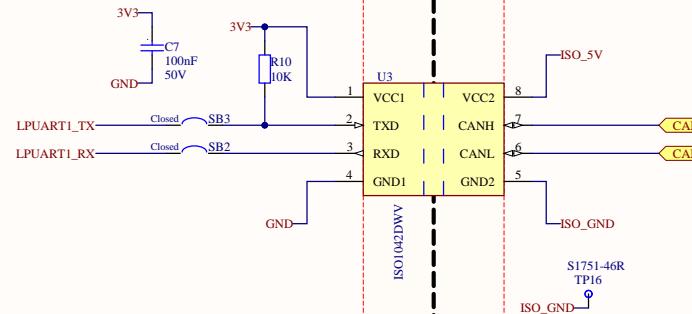
Sheet 1 of 5

Variant: Standard

Microcontroller



CAN Transceiver

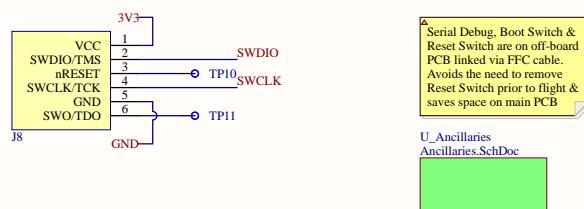


Isolated Comms Domain Net Class

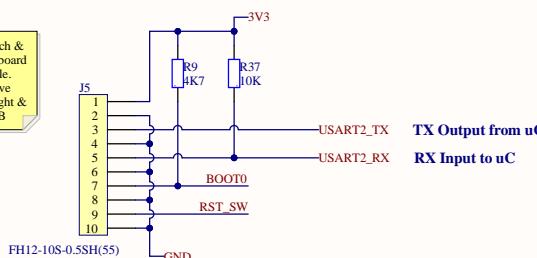
ISOLATION BARRIER

Net Class Reused

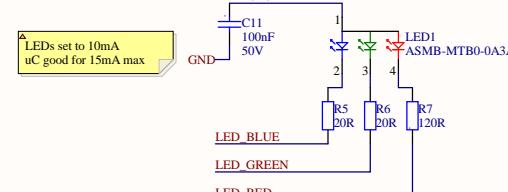
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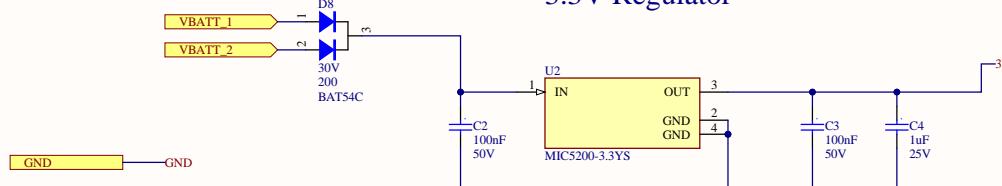
Ancillaries



Visual Status Indicator



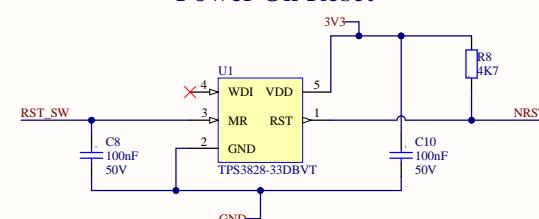
3.3V Regulator



Scope GND Clip Points

TP1, TP2
S1751-46R

Power On Reset



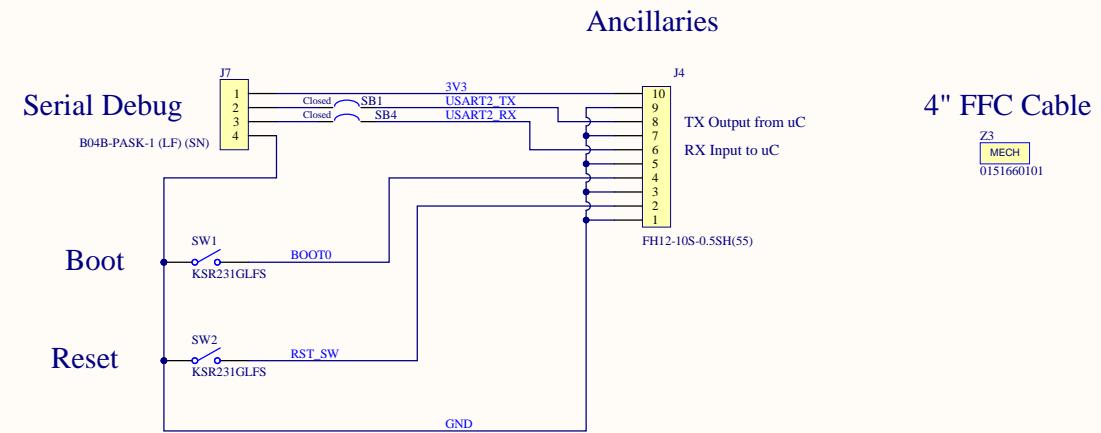
A

A

**OFF BOARD SERIAL DEBUG, BOOT SW & RESET SW
CONNECTED VIA FFC CABLE - SAME SIDE CONNECTIONS SO CONNECTOR NUMBERS REVERSE**

B

B



C

C

D

D



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Drawing No: **KDA Rev A1**Title: **Karman Delta V.E.C.T.O.R. Board**

CAD: Altium Designer 25.8

Changed by: Nick Angelov

Change date: 7 Nov 2025

Sub-Title: **Ancillaries.SchDoc**

Size: A3

Change reason: First Issue

Sheet 3 of 5 Variant: **Standard**

A

A

B

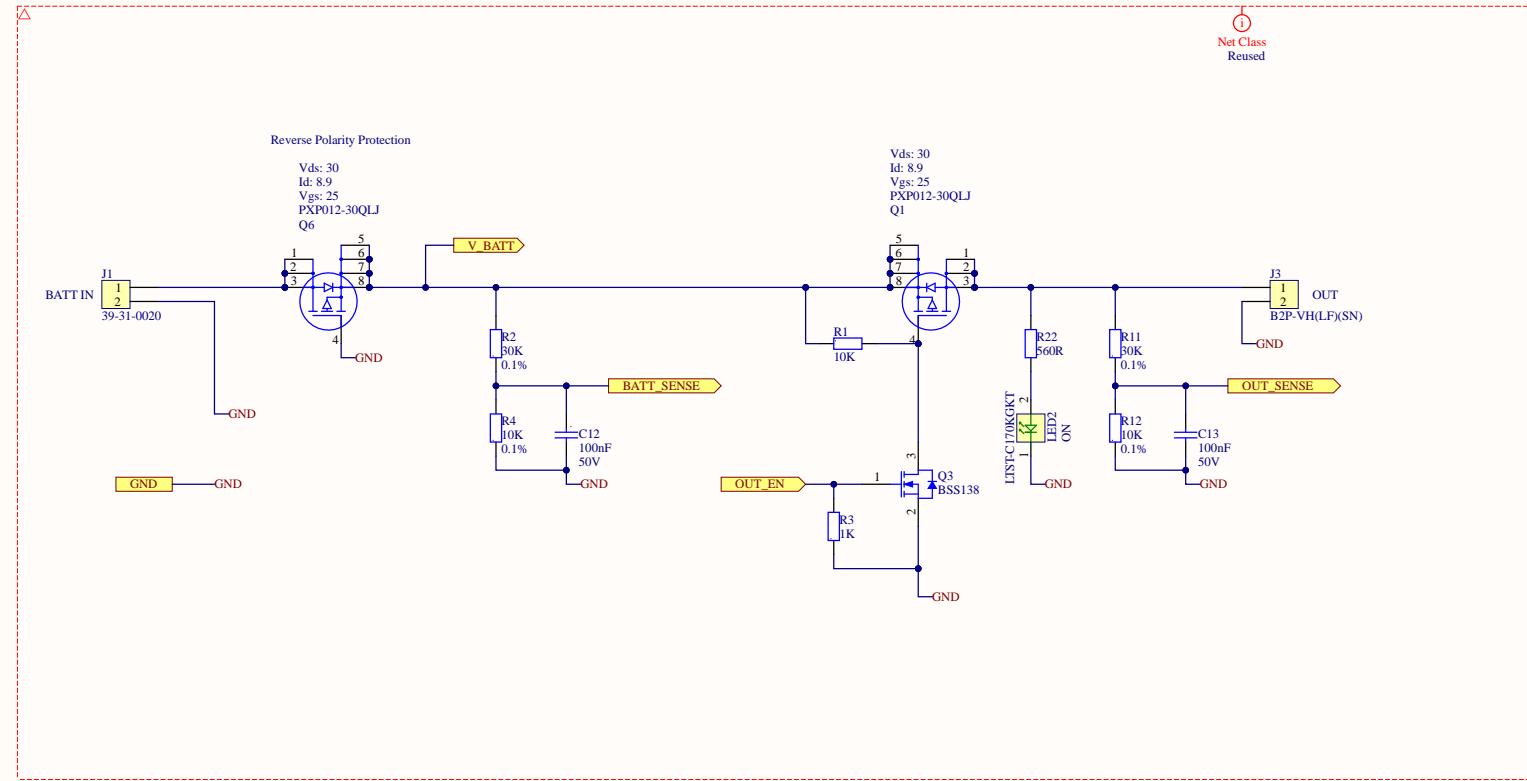
B

C

C

D

D



CAN BUS TO SERIAL COMMS ADAPTOR

