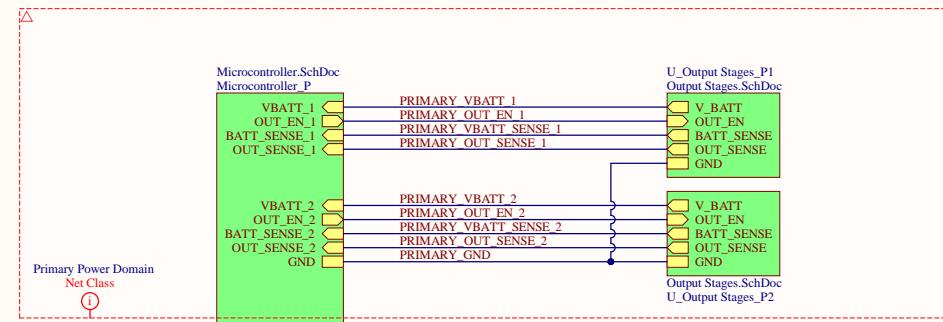
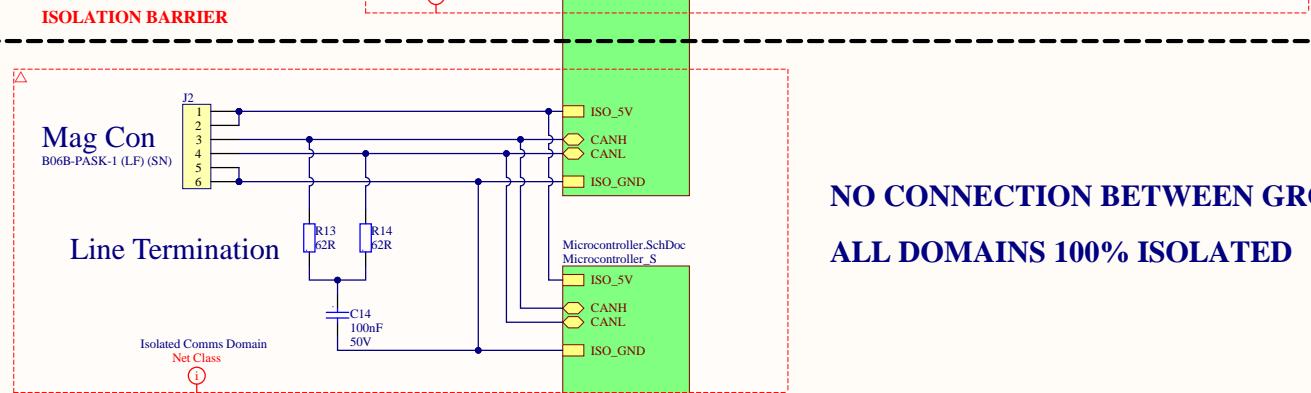
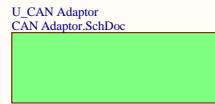


A

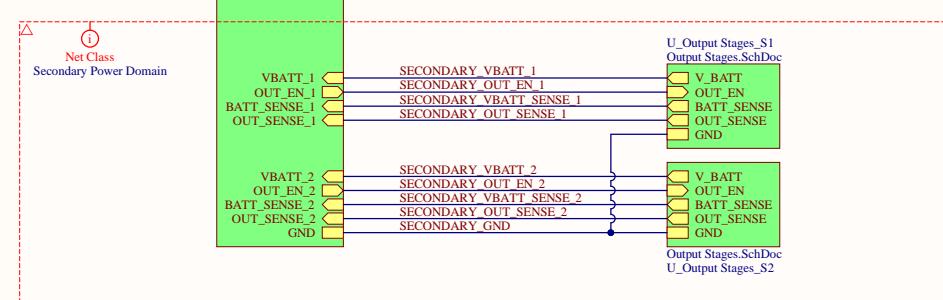


B



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

C



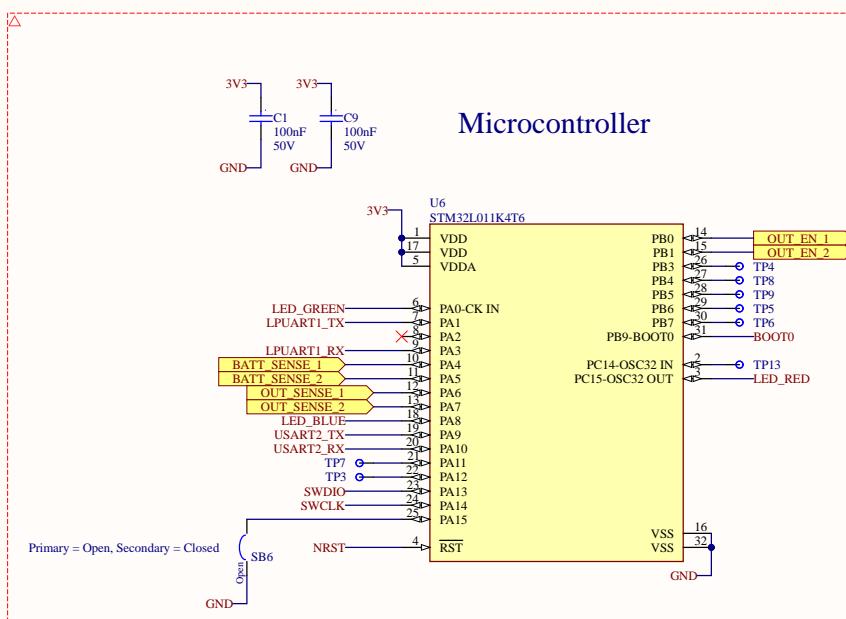
D



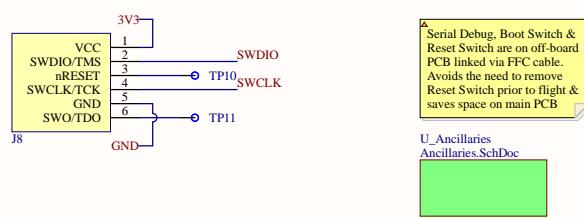
BREAKOUT 3 Z1 BREAKOUT 3 Z2 BREAKOUT 3 Z4 BREAKOUT 3 Z5 BREAKOUT 3 Z6

X Y X Y X Y X Y X Y X Y

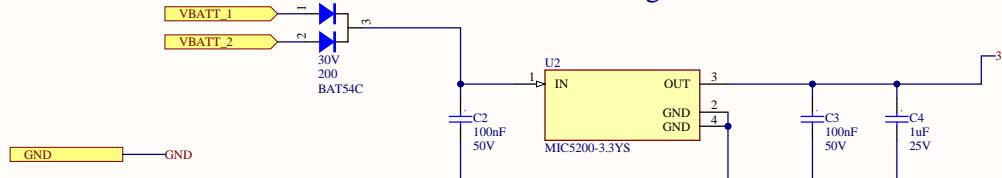
Microcontroller



TC2030-IDC Tag Connect Pads



3.3V Regulator



Scope GND Clip Points

TP1
S1751-46R
TP2
S1751-46R



Project Sunrise
The Diamond
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United Kingdom
S3 7RD

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Drawing No: KDA Rev A1

Title: Karman Delta Arming Board

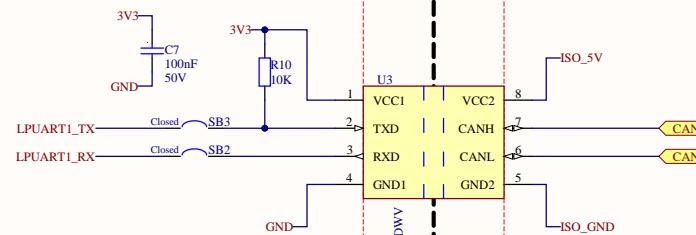
CAD: Altium Designer 25.8 | Changed by: Nick Angelov | Change date: 7 Nov 2025

Sub-Title: Microcontroller.SchDoc

Size: A3 | Change reason: First Issue | Sheet 2 of 5

Variant: Standard

CAN Transceiver

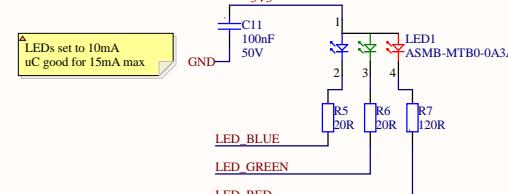


ISOLATION BARRIER

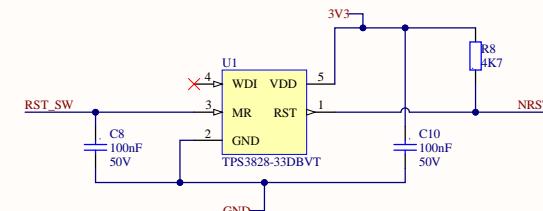
Isolated Comm Domain
Net Class

Net Class
Reusable

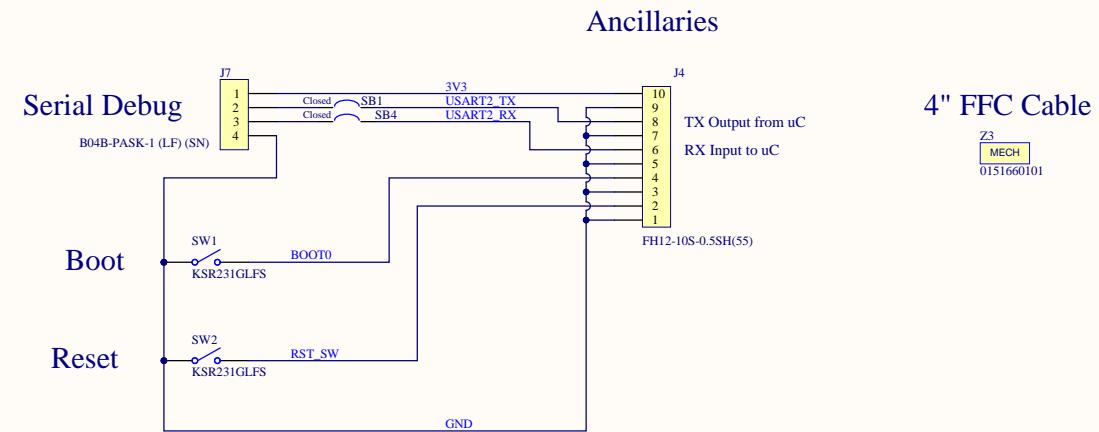
Visual Status Indicator



Power On Reset



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



A

A

B

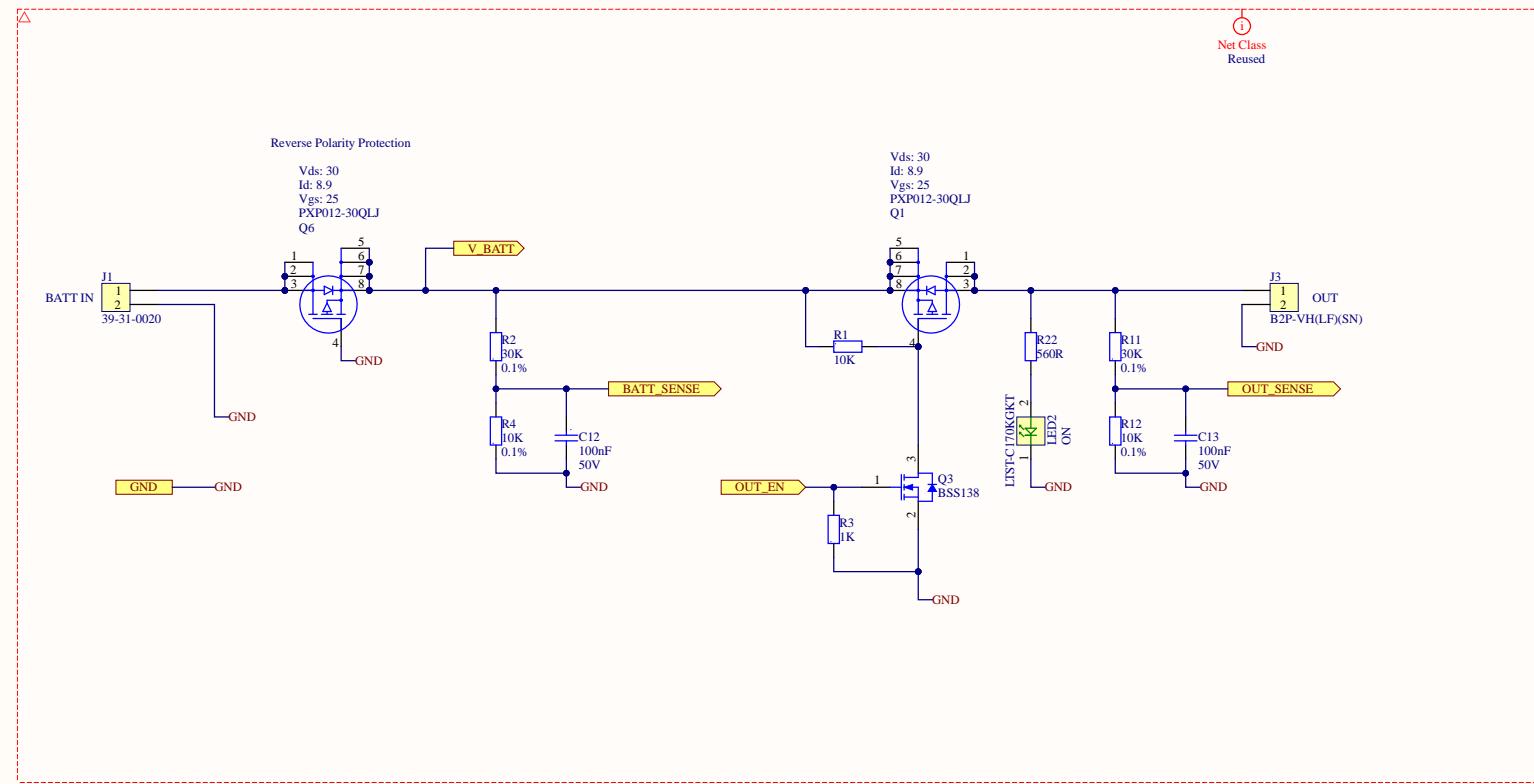
B

C

C

D

D



CAN BUS TO SERIAL COMMS ADAPTOR

