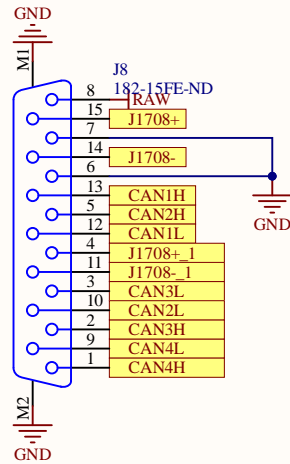
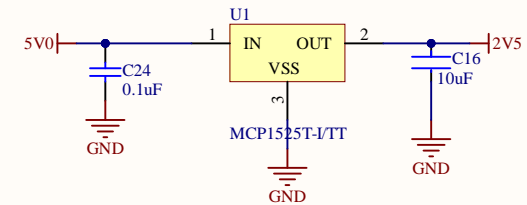
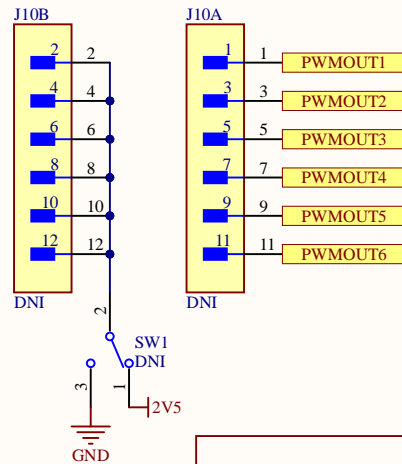
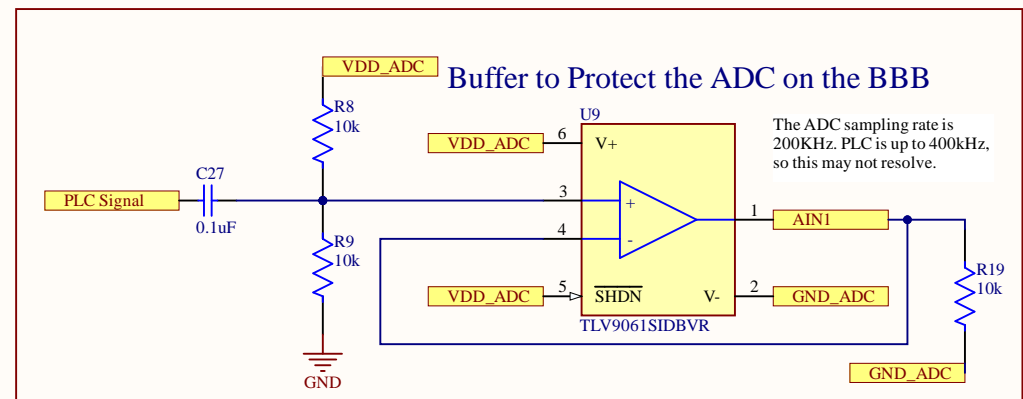


Internal Deutsch 9-pin Connectors
9-Pin connector Interface (Use PG11 Cordgrip)

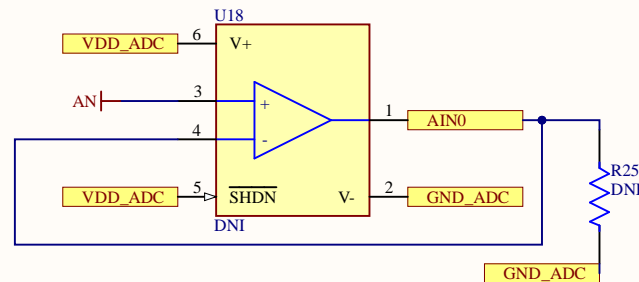


Pinout Compatible with the DG DPA 4

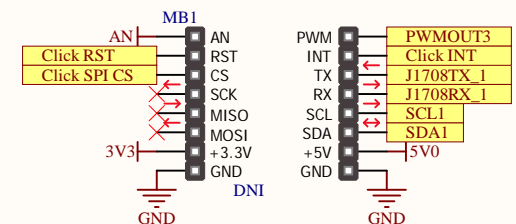
External Vehicle Connector



Buffer to Protect the ADC on the BBB



MikroBus Expansion



<https://www.mikroe.com/click>

<https://download.mikroe.com/documents/standards/mikrobus/mikrobus-standard-specification-v200.pdf>

Title: **Ultimate Truck Hacking Platform**

Subtitle: Board Interfaces

Date: 2/13/2024

Time: 10:14:38 PM

Sheet 3 of 6

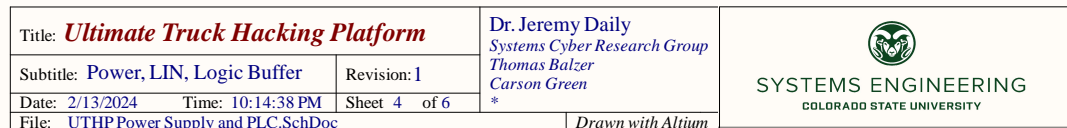
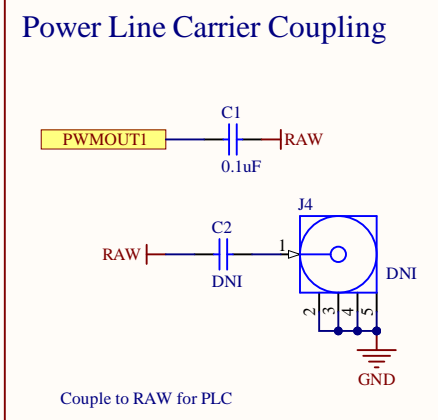
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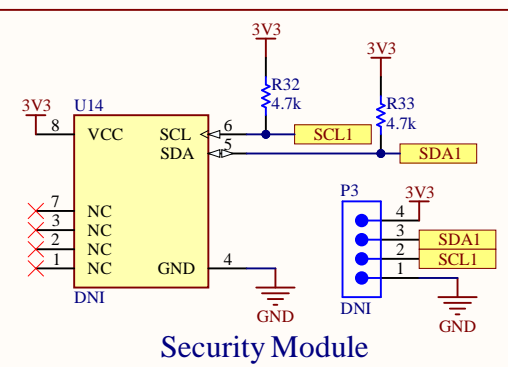
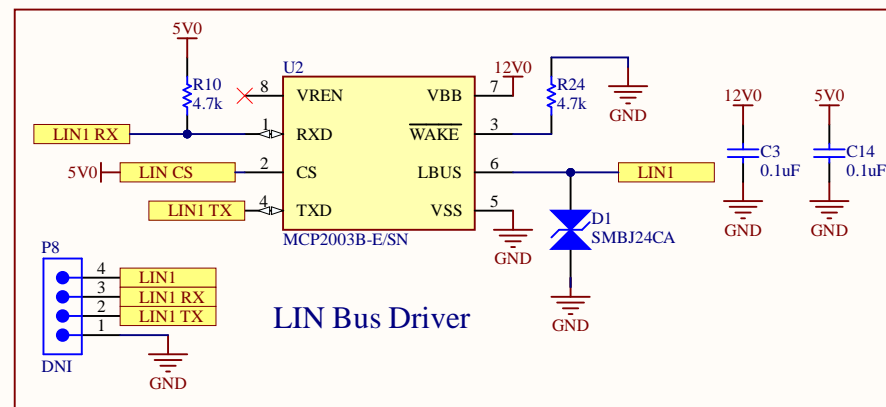
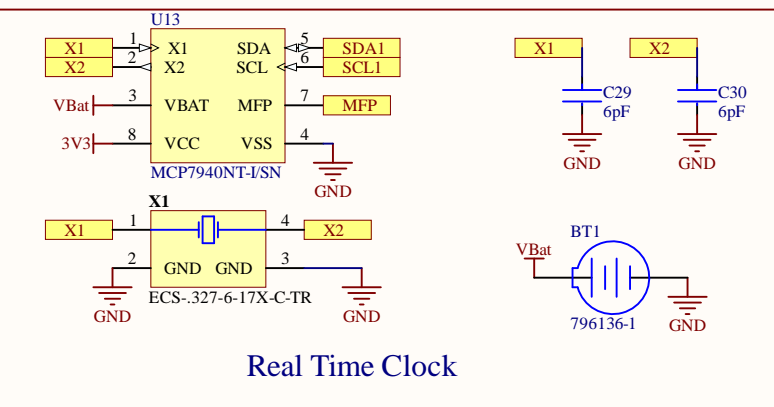
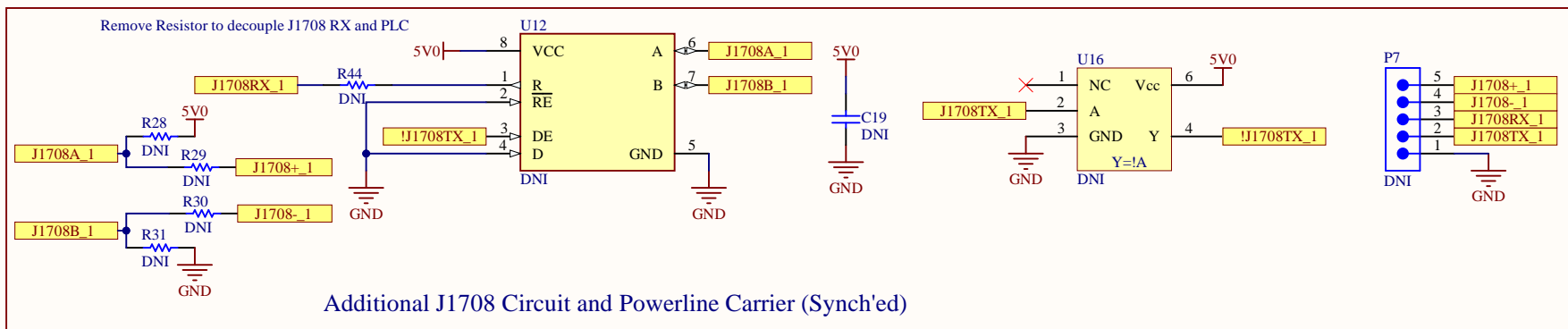
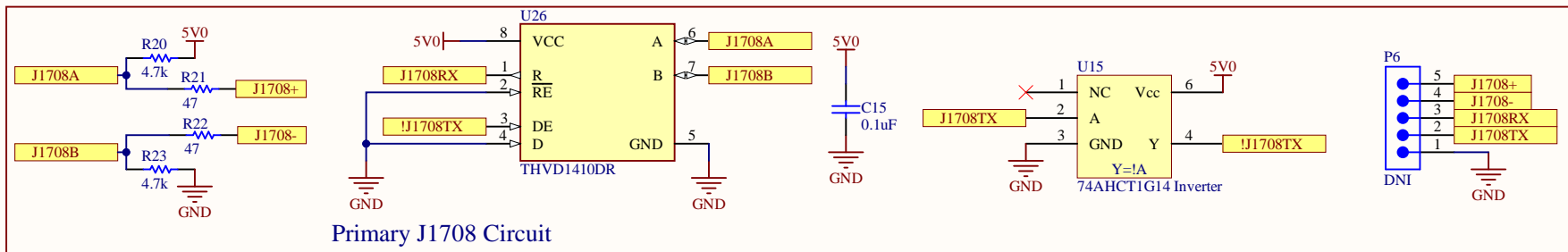
Dr. Jeremy Daily
Systems Cyber Research Group
Thomas Balzer
Carson Green

Drawn with Altium

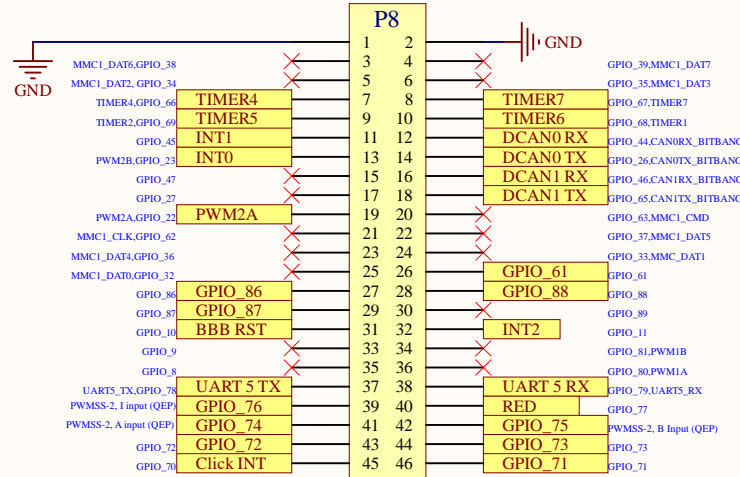
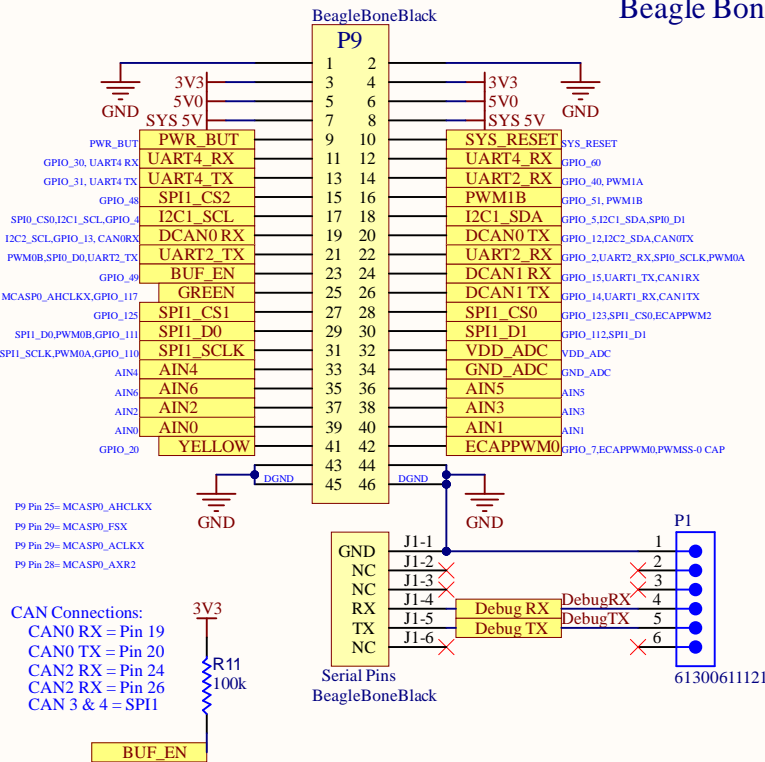


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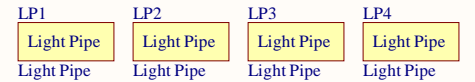
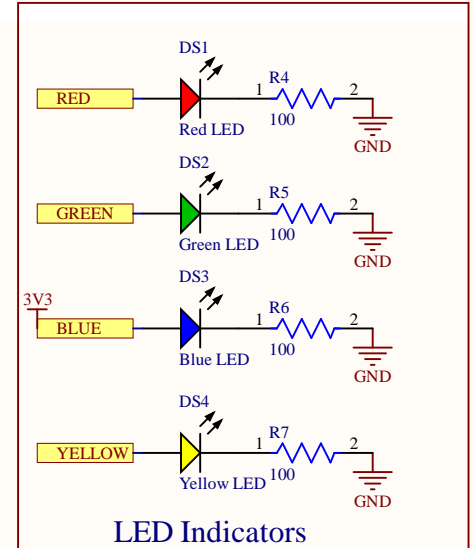
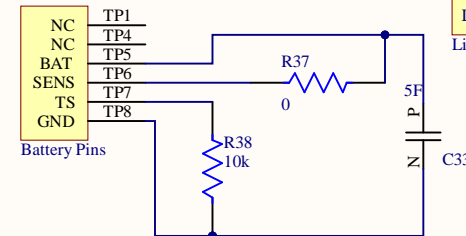




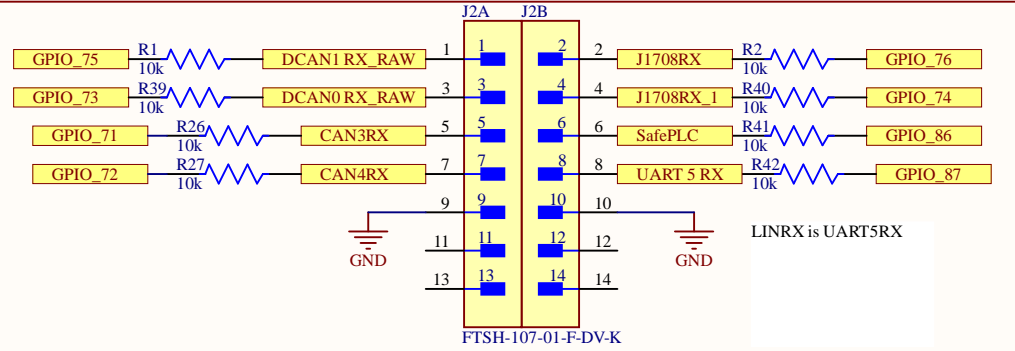
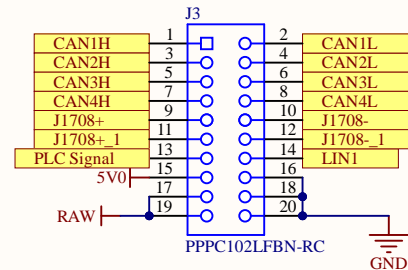
Beagle Bone Connections



P9 pins 31-36 should not be driven on power up to prevent booting issues. See link.



Internal Ribbon Cable to Banana Jack Board



Breakout to BitMagic Lite Logic Analyzer

Title: **Ultimate Truck Hacking Platform**
Subtitle: **Beagle Bone Black Headers**
Date: 2/13/2024 Time: 10:14:40 PM
File: UTHP BeagleBone Headers.SchDoc

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*

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Drawn with Altium