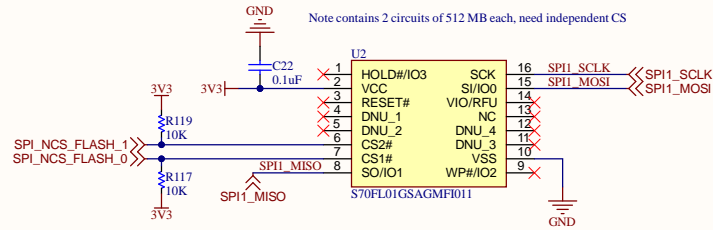
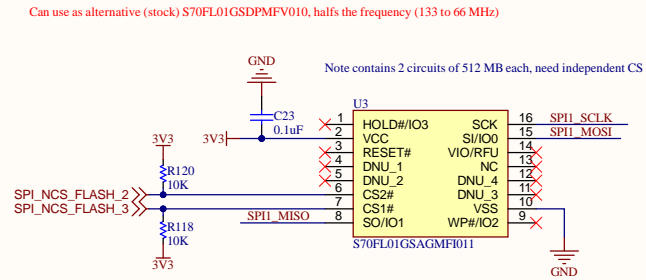




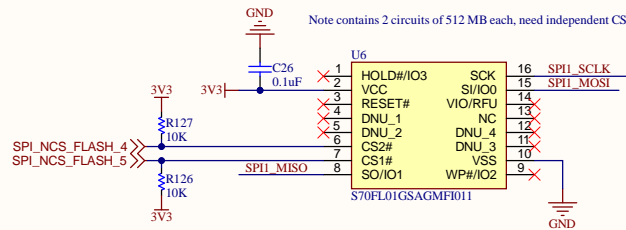
## Flash Memory



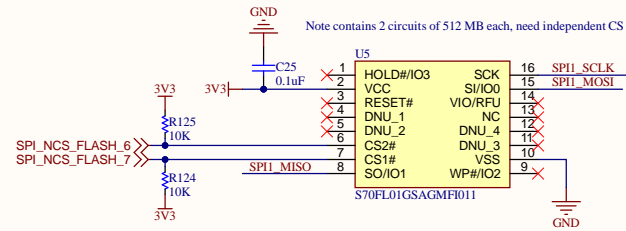
Voltage: 3V3, Max current: 90 mA  
Voltage: 3V3, Typical Standby current: 140 uA



Voltage: 3V3, Max current: 90 mA  
Voltage: 3V3, Typical Standby current: 140 uA

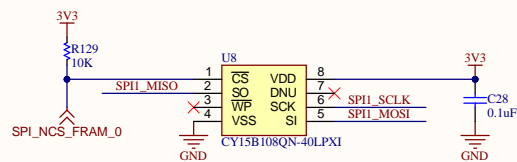


Voltage: 3V3, Max current: 90 mA  
Voltage: 3V3, Typical Standby current: 140 uA

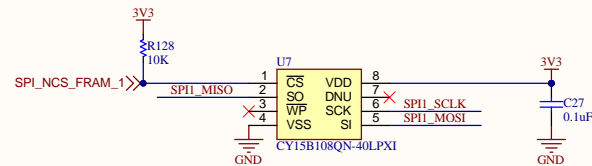


Voltage: 3V3, Max current: 90 mA  
Voltage: 3V3, Typical Standby current: 140 uA

## FRAM Memory



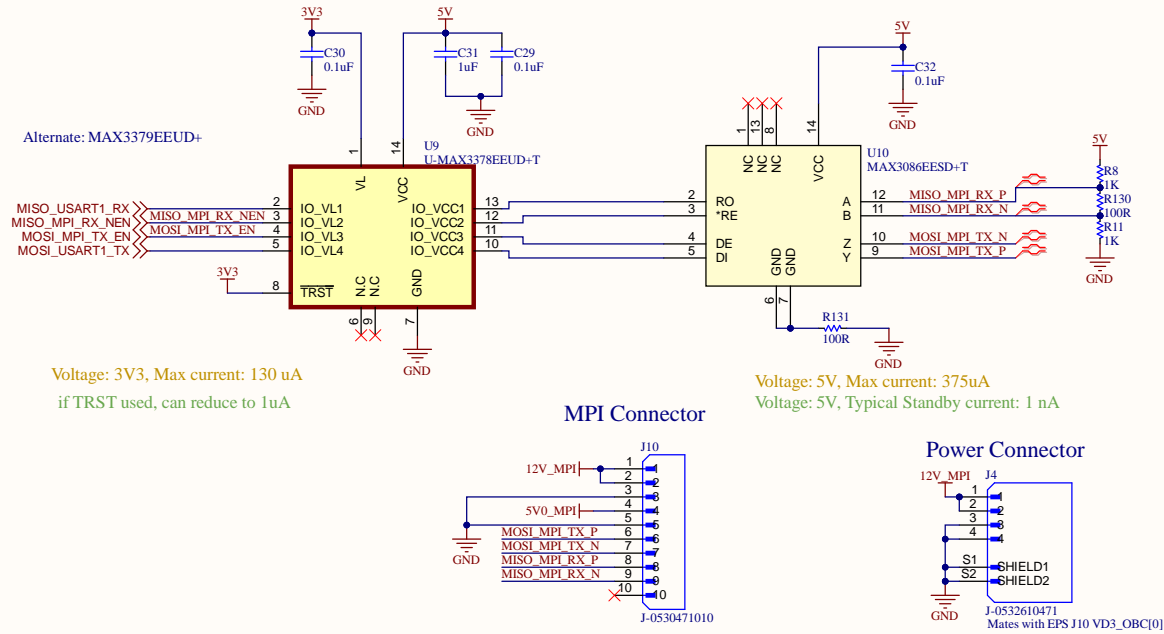
Voltage: 3V3, Typical current: 2.6 mA  
Voltage: 3V3, Typical Standby current: 3.5 uA



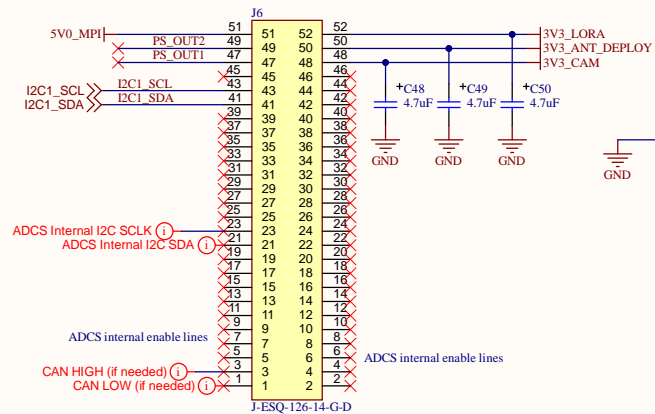
Voltage: 3V3, Typical current: 2.6 mA  
Voltage: 3V3, Typical Standby current: 3.5 uA

Title <b>Memory</b>		
Size A3	Number	Revision
Date: 2-27-2024	Sheet of	
File: C:\Users\...\Memory.SchDoc	Drawn By: <b>James Chen</b>	
7	8	

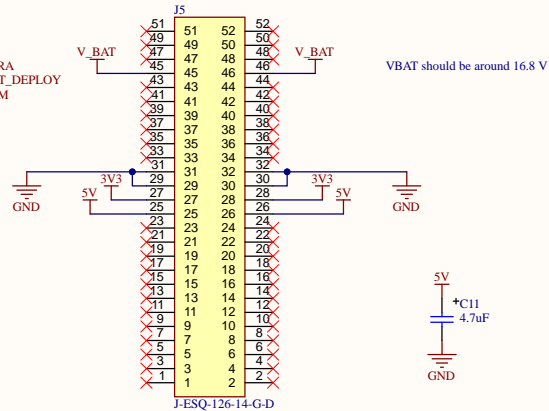
## MPI RS422 Transceiver + Connector



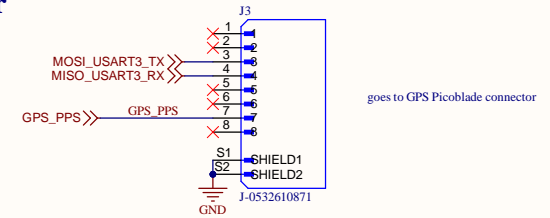
## H1 PC104 Connector



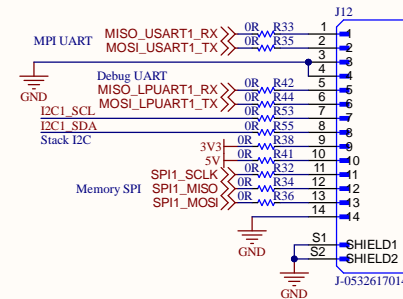
## H2 PC104 Connector



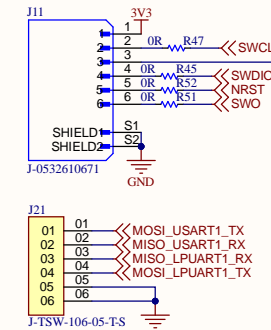
## GPS connector



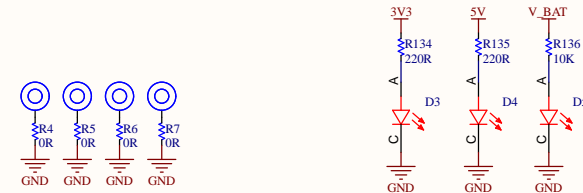
## Umbilical connector



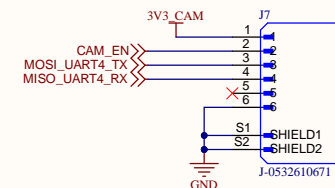
## Programming Connector



## Voltage Indicator LEDs



## Camera Connector



## External Connectors

Size A3	Number	Revision
Date:	2-27-2024	Sheet of
File:	C:\Users\...\External Connectors.SchDoc	Drawn By: James Chen

## B



## D

## E



1

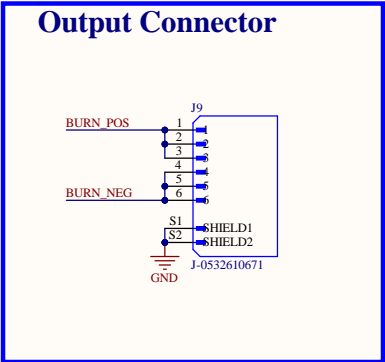
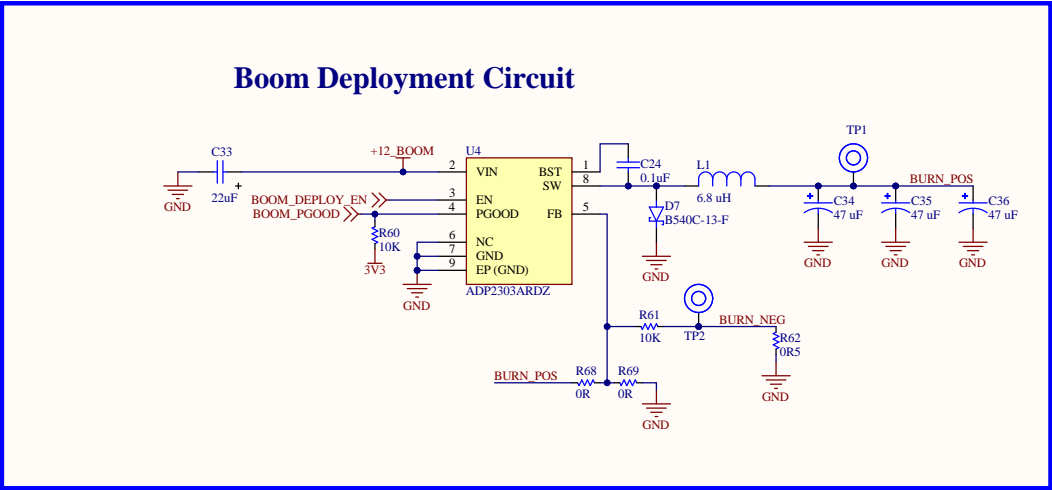
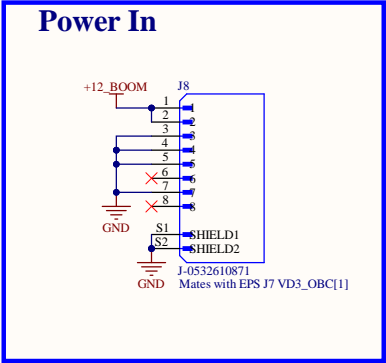
## C



### Truth Table

Control Input		Signal Path	
A	B	RFC to RF1	RFC to RF2
Low	High	On	Off
High	Low	Off	On

## 8



Title			<b>Boom Control</b>	
Size	Number		Revision	
A3				
Date:	2-27-2024		Sheet of	
File:	C:\Users\j\Boom Control.SchDoc		Drawn By:	James Chen

