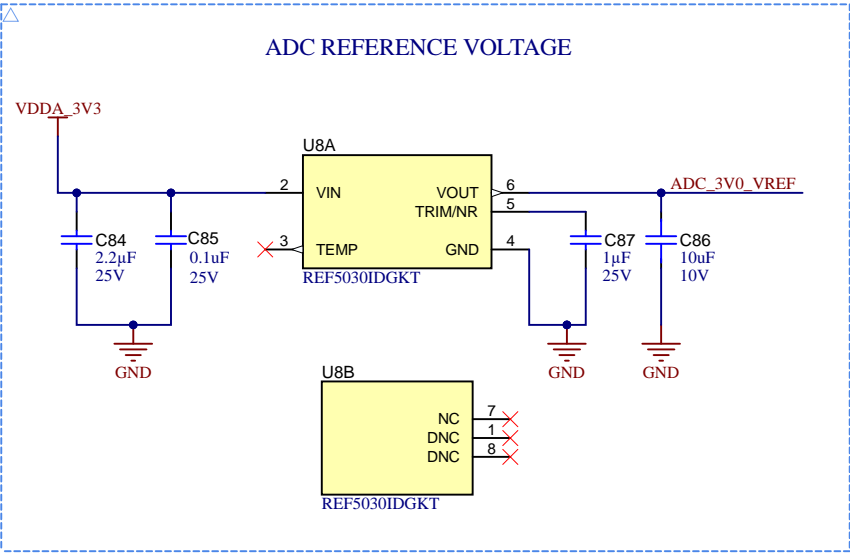


S3 (POS 1)	S3 (POS 2)	VREFHIAB Source
1-2	X	Internal VREF
2-3	4-5	External VREF (J1.VREFHIAB)
2-3	5-6	External VREF (3V0)*

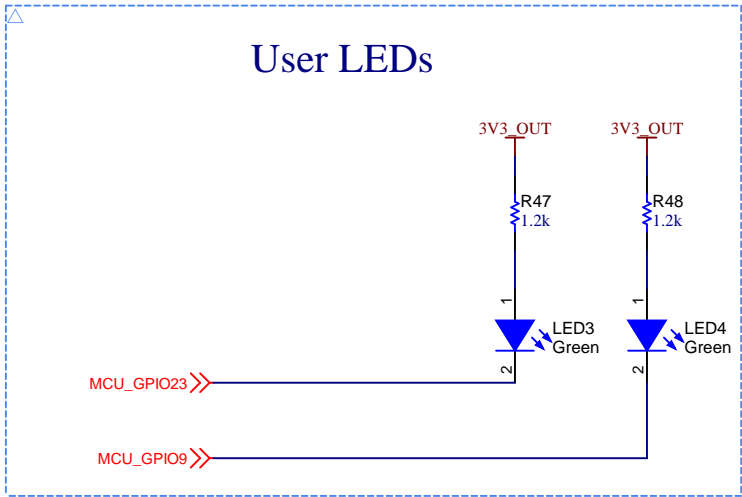
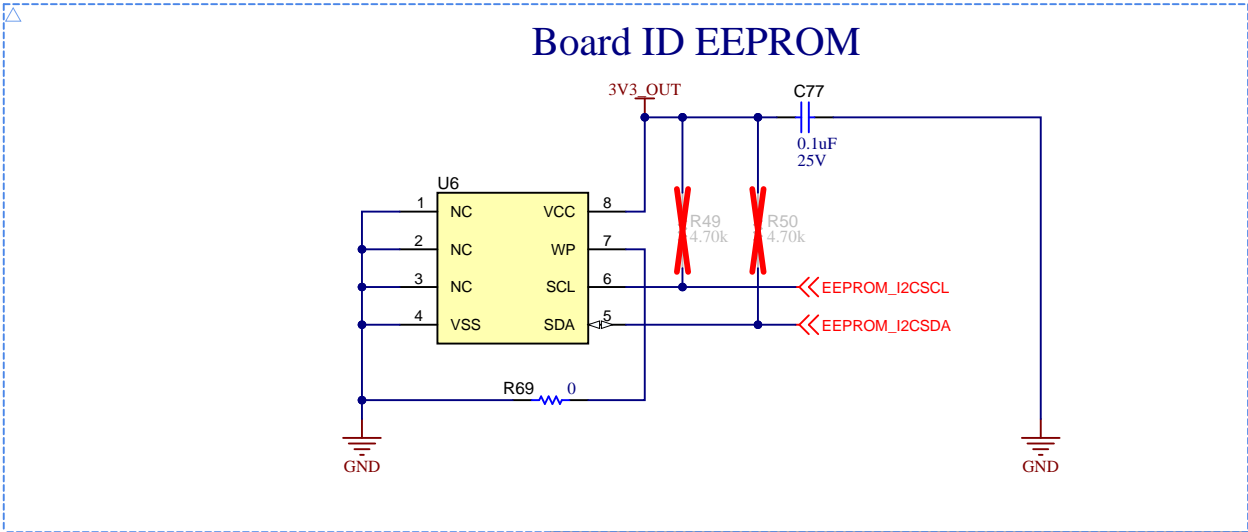
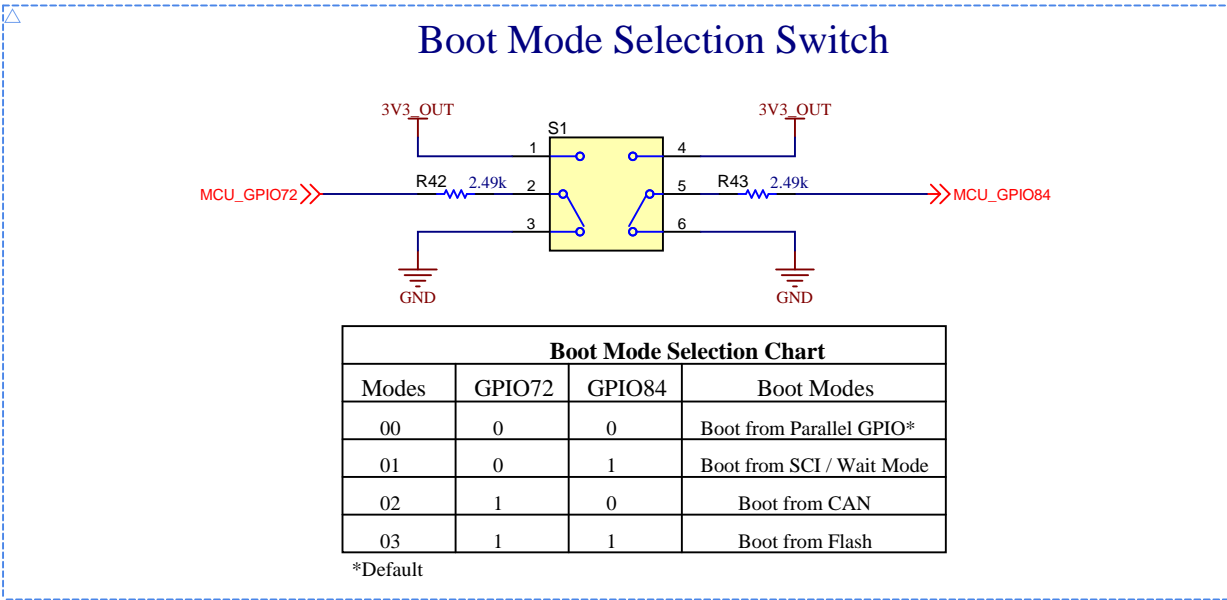
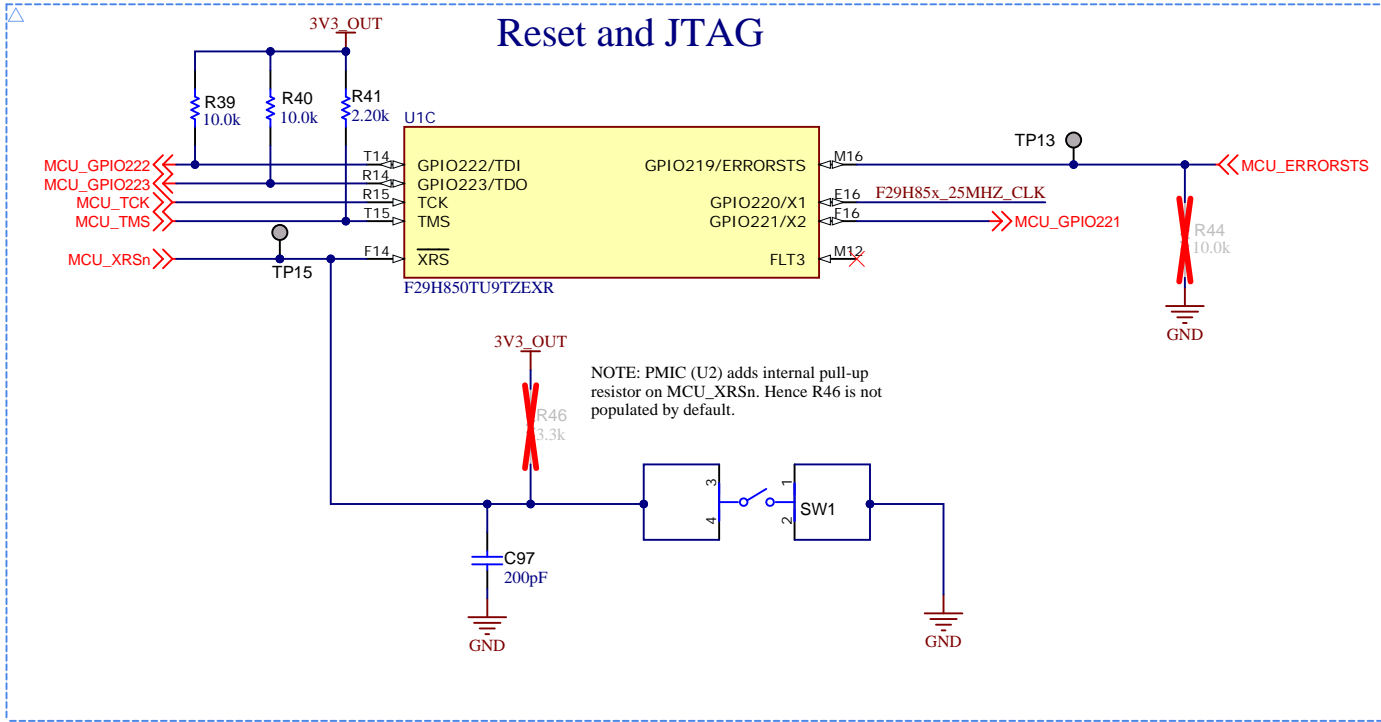
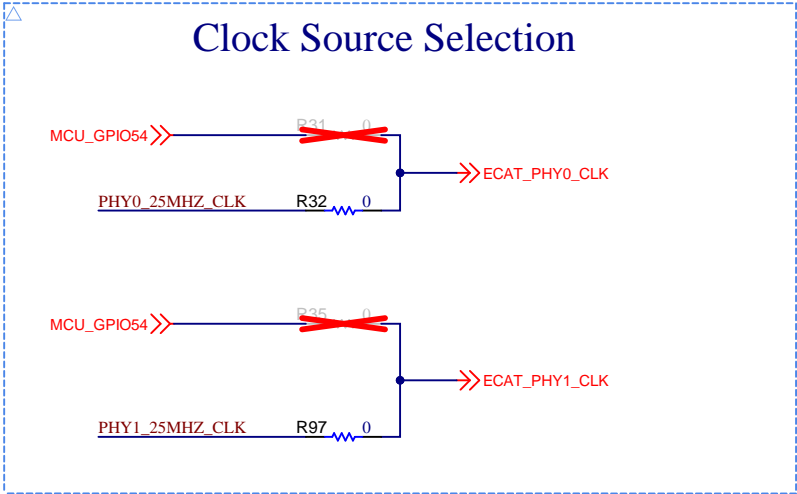
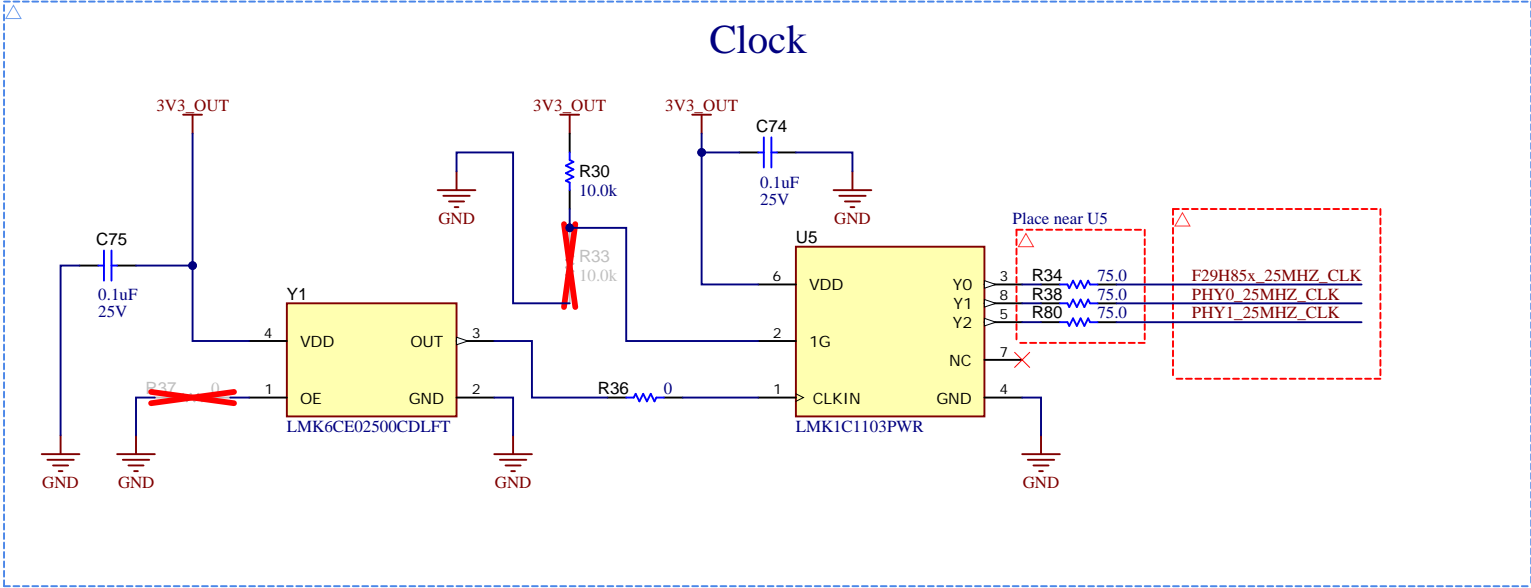
*Default

S4 (POS 1)	S4 (POS 2)	VREFHICDE Source
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2-3	4-5	External VREF (J1.VREFHICDE)
2-3	5-6	External VREF (3V0)*

*Default

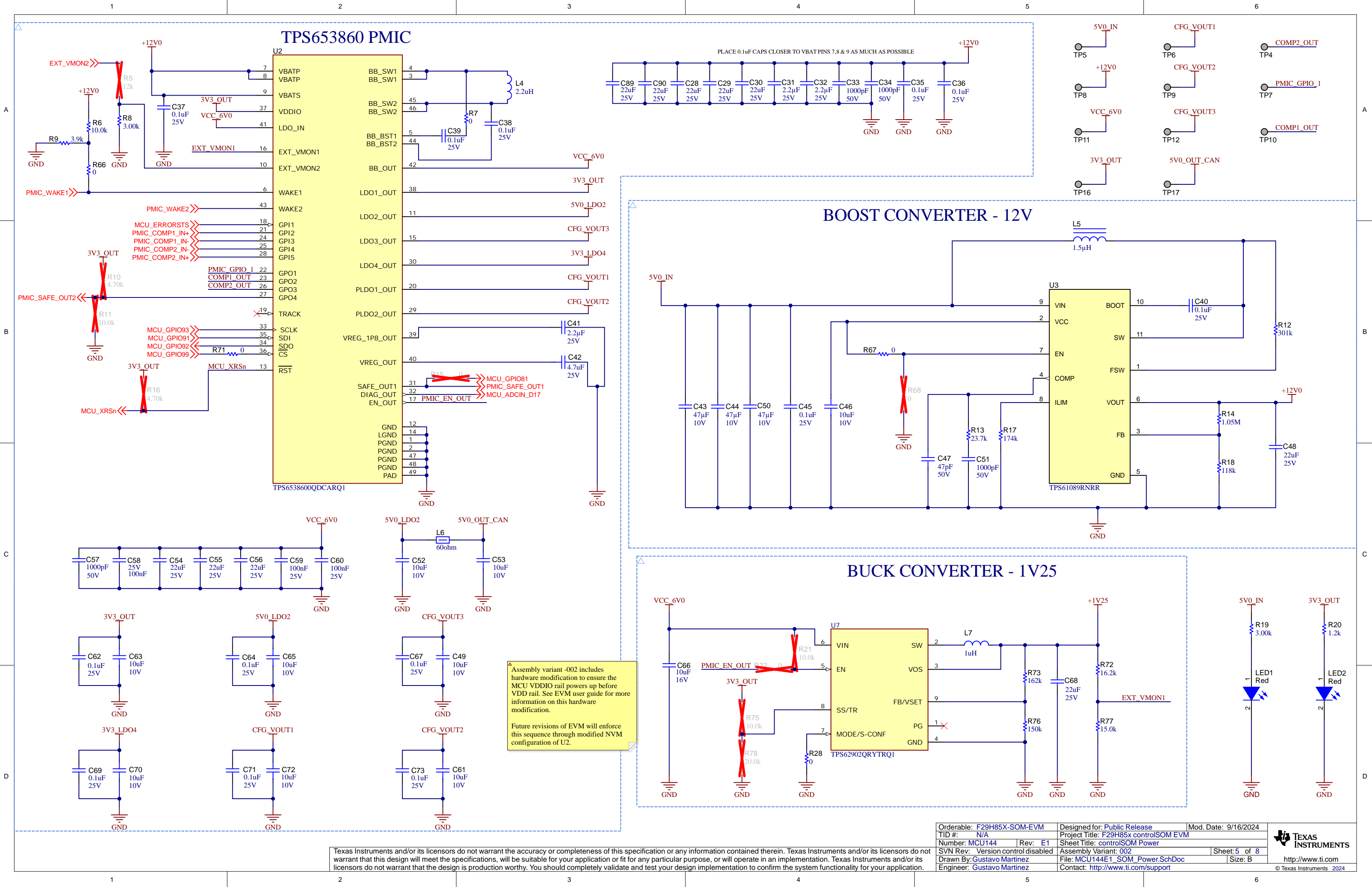


Orderable: F29H85X-SOM-EVM	Designed for: Public Release	Mod. Date: 7/1/2024
TID #: N/A	Project Title: F29H85x controlSOM EVM	
Number: MCU144	Rev: E1	Sheet Title: ADC
SVN Rev: Version control disabled	Assembly Variant: 002	Sheet: 3 of 8
Drawn By: Gustavo Martinez	File: MCU144E1_ADC.SchDoc	Size: B
Engineer: Gustavo Martinez	Contact: http://www.ti.com/support	



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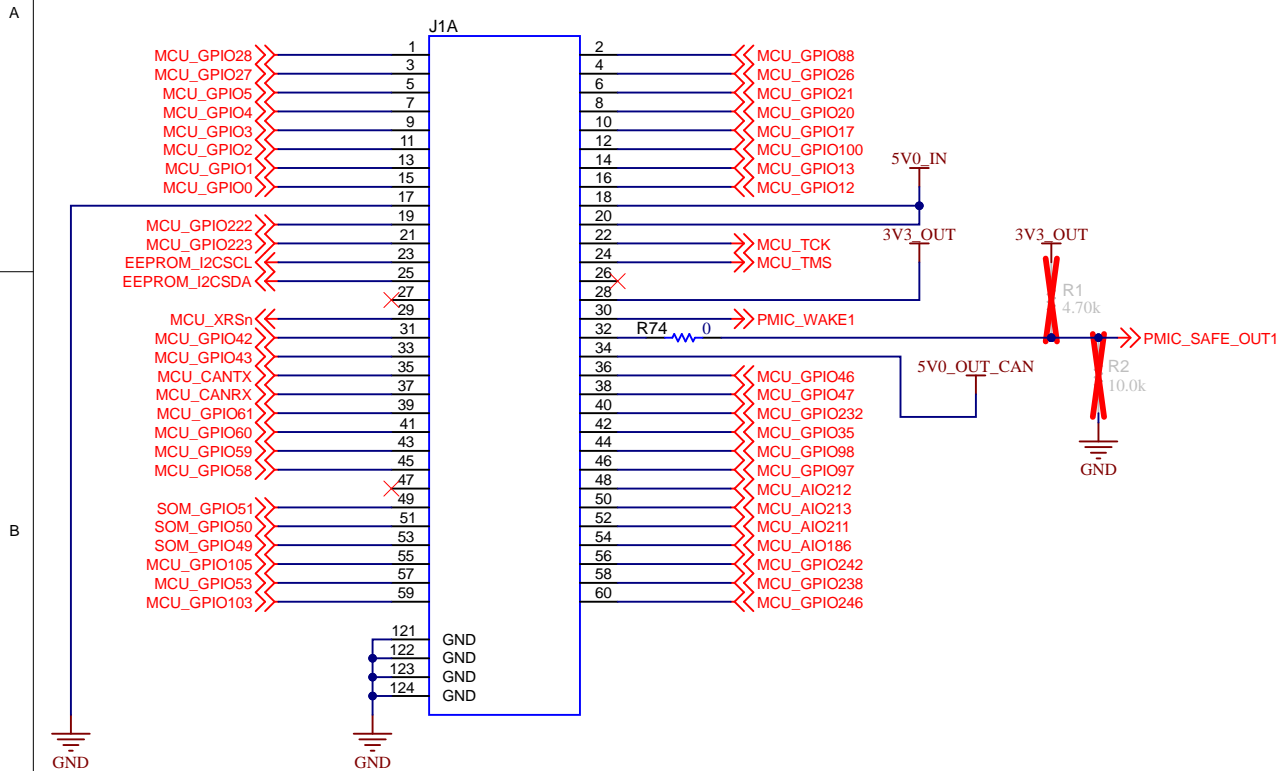
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Number: MCU144	Rev: E1	Sheet Title: Clock, Reset, and Boot
SVN Rev: Version control disabled	Assembly Variant: 002	Sheet: 4 of 8
Drawn By: Gustavo Martinez	File: MCU144E1_Clock_Reset_Boot.SchDoc	Size: B
Engineer: Gustavo Martinez	Contact: http://www.ti.com/support	



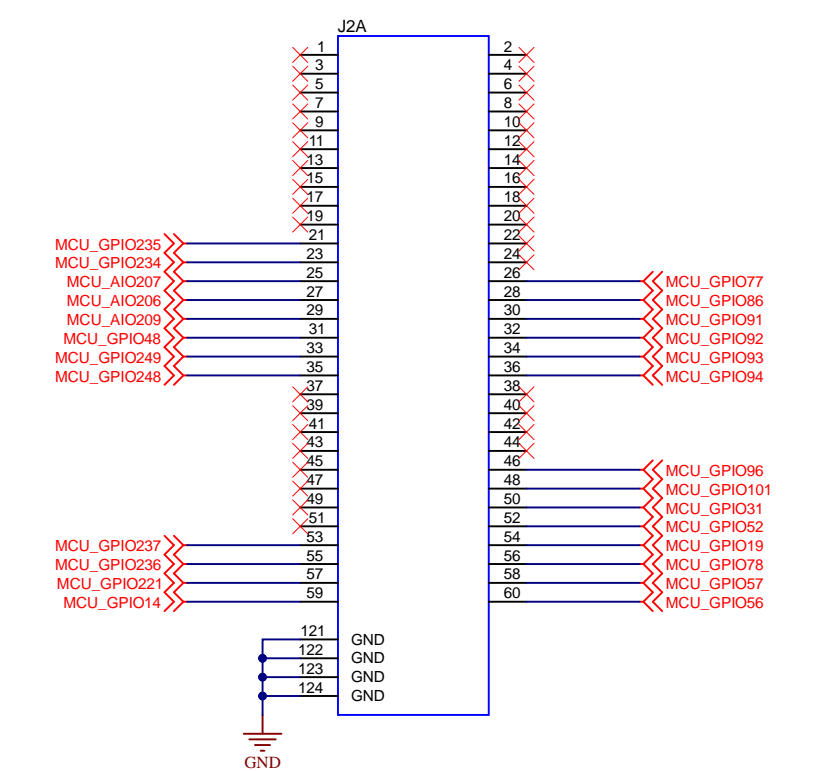
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Orderable: F29H85X-SOM-EVM	Designed for: Public Release	Mod. Date: 9/16/2024
TID #: N/A	Project Title: F29H85X controlSOM EVM	
Number: MCU144	Rev: E1	Sheet Title: controlSOM Power
SVN Rev: Version control disabled	Assembly Variant: 002	Sheet: 5 of 8
Drawn By: Gustavo Martinez	File: MCU144E1_SOM_Power.SchDoc	Size: B
Engineer: Gustavo Martinez	Contact: http://www.ti.com/support	

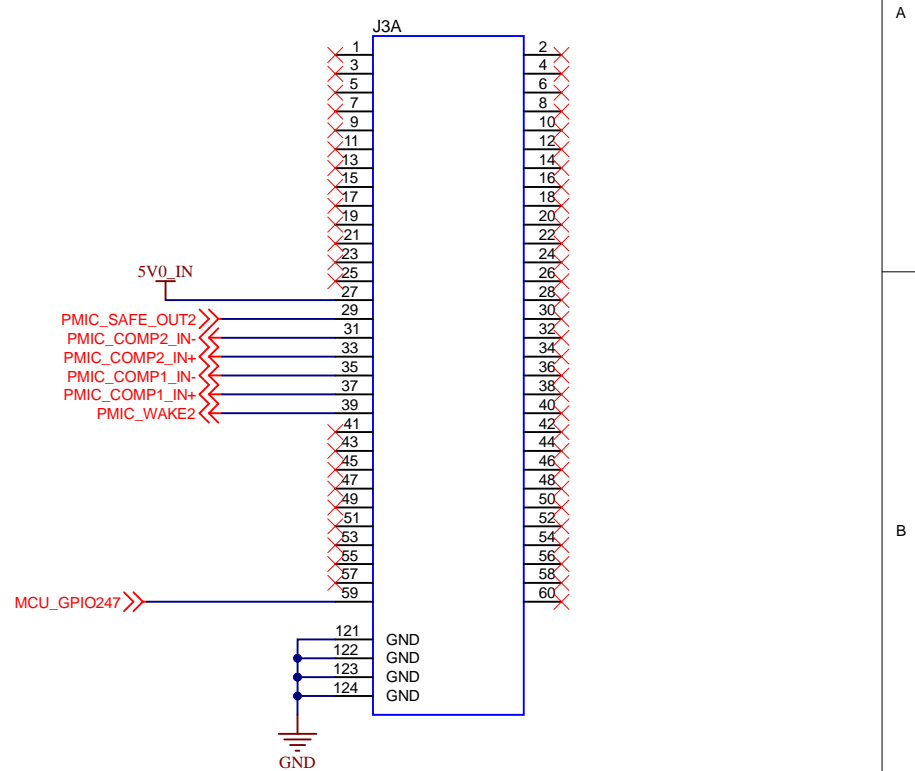
High Density Connector J1



High Density Connector J2



High Density Connector J3



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Orderable: F29H85X-SOM-EVM	Designed for: Public Release	Mod. Date: 7/1/2024
TID #: N/A	Project Title: F29H85x controlSOM EVM	
Number: MCU144	Rev: E1	Sheet Title: Baseboard Connectors
SVN Rev: Version control disabled	Assembly Variant: 002	Sheet: 6 of 8
Drawn By: Gustavo Martinez	File: MCU144E1_Baseboard_Connectors.SchDoc	Size: B
Engineer: Gustavo Martinez	Contact: http://www.ti.com/support	

A

A

B

B

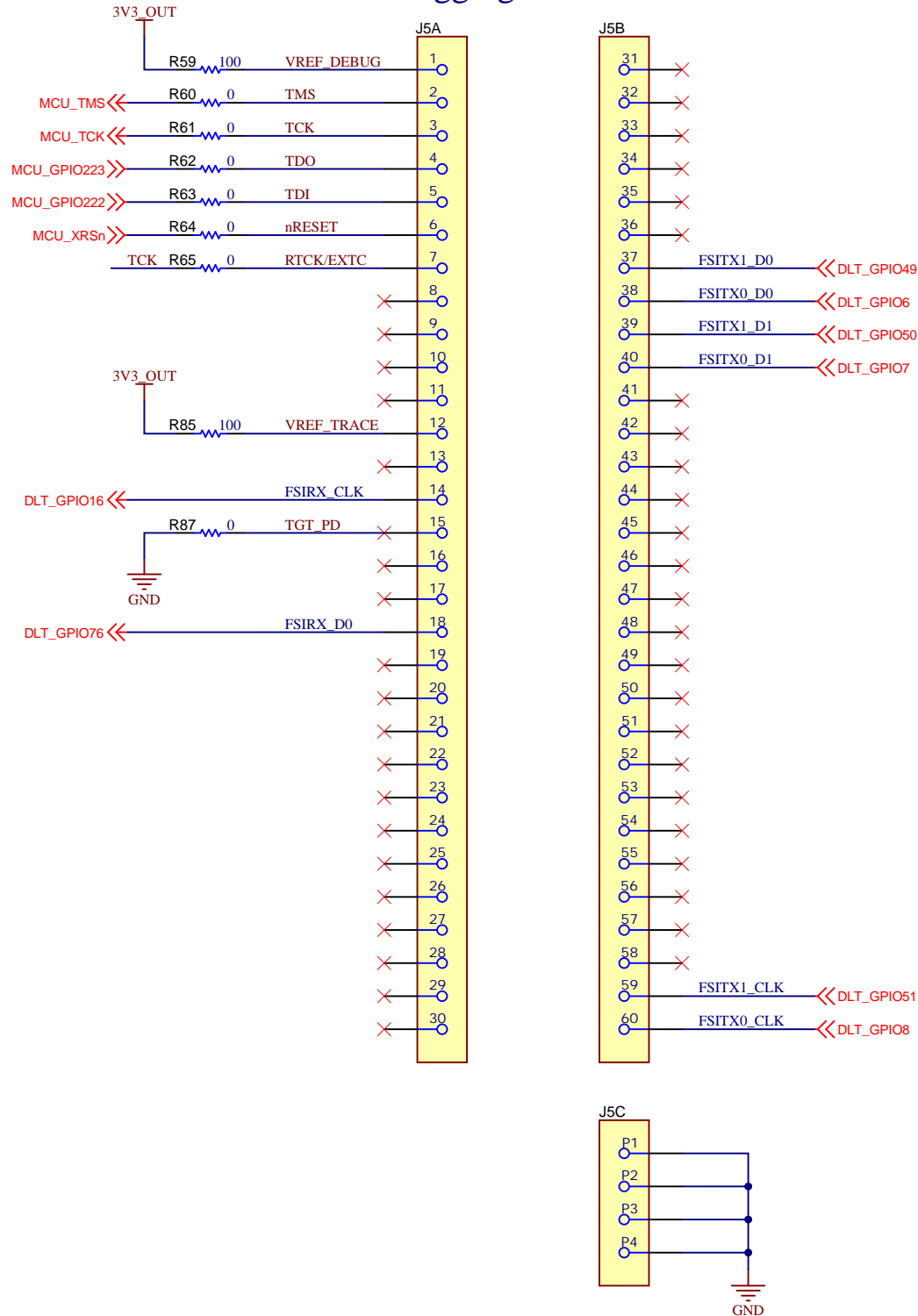
C

C

D

D

Data Logging and Trace Connector



Emulator Connector

