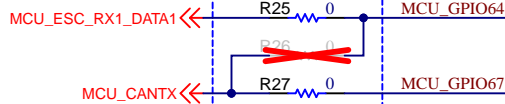


EtherCAT / MCAN-A Boot Selection

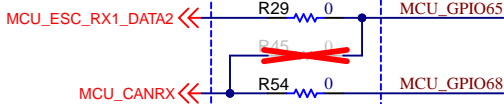
Mode	Resistor Configuration
EtherCAT support*	Populate R25/R27 and R29/R54 with 0-ohm resistor, remove R26/R45.
MCAN-A boot support	Populate R26/R45 with 0-ohm resistor, remove R25/R27 and R29/R54.

*Default

Place near U1, use Z pattern to eliminate trace stubs



Place near U1, use Z pattern to eliminate trace stubs

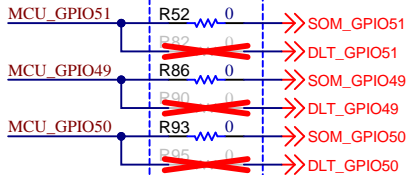


FSI Baseboard / DLT Selection

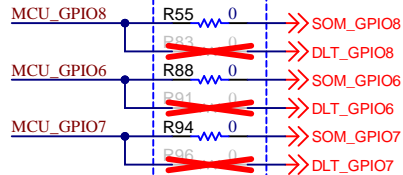
Mode	Resistor Configuration
Baseboard support*	Populate all 0-ohm resistors on SOM_GPIO nets. Remove all resistors on DLT_GPIO nets.
DLT support	Populate all 0-ohm resistors on DLT_GPIO nets. Remove all resistors on SOM_GPIO nets.

*Default

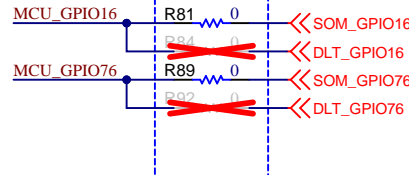
Place near U1

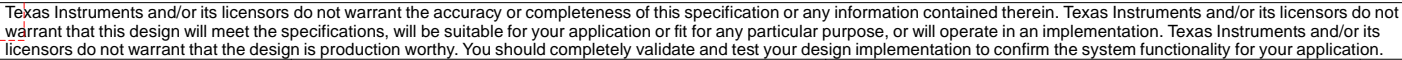


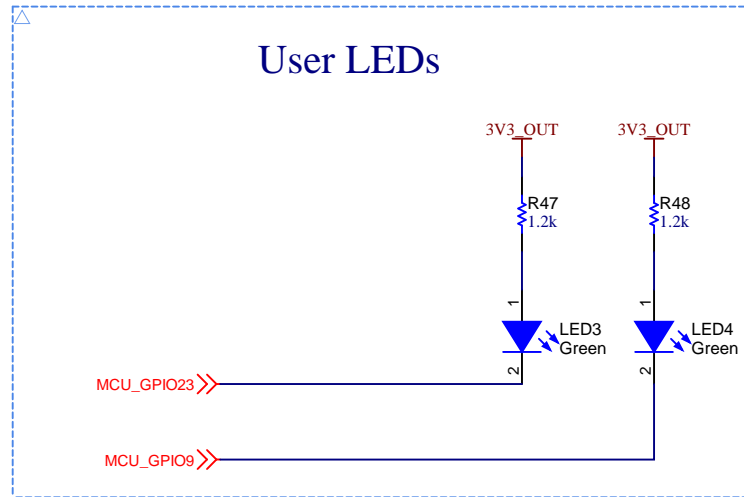
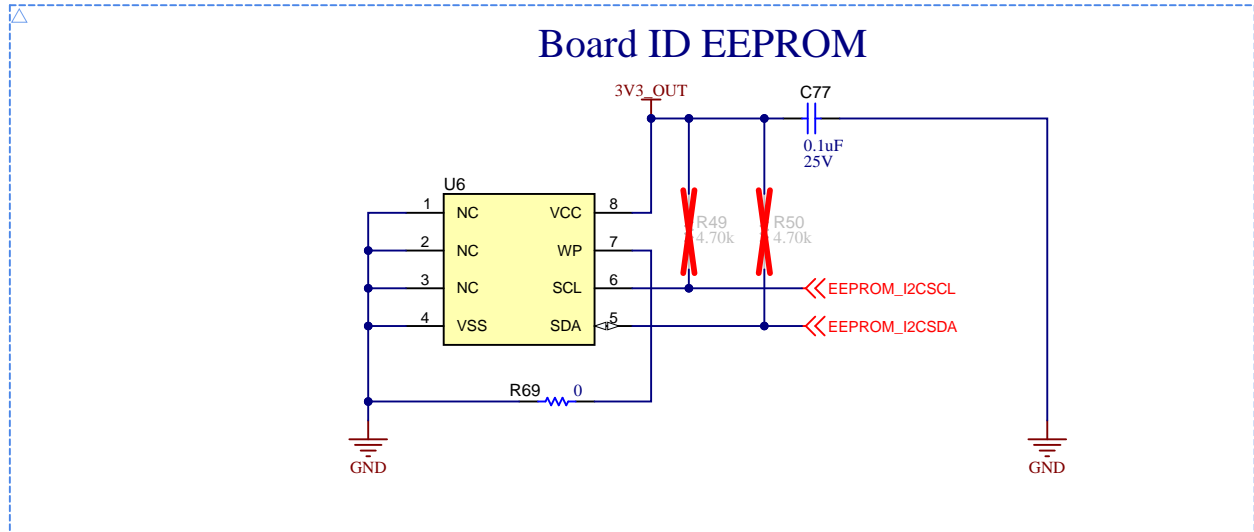
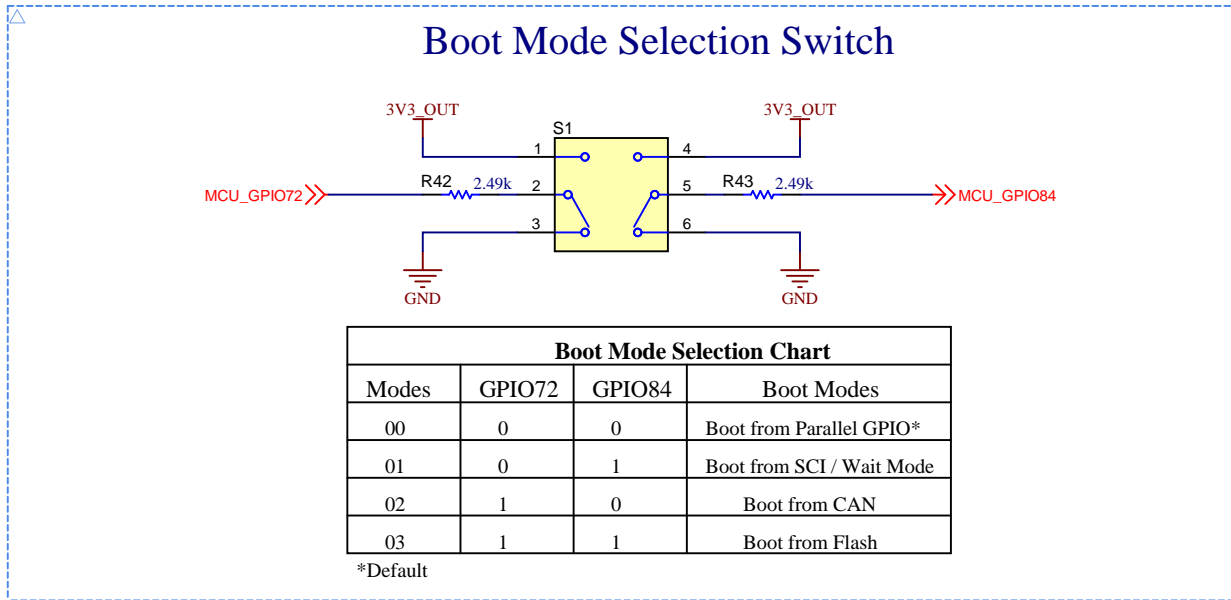
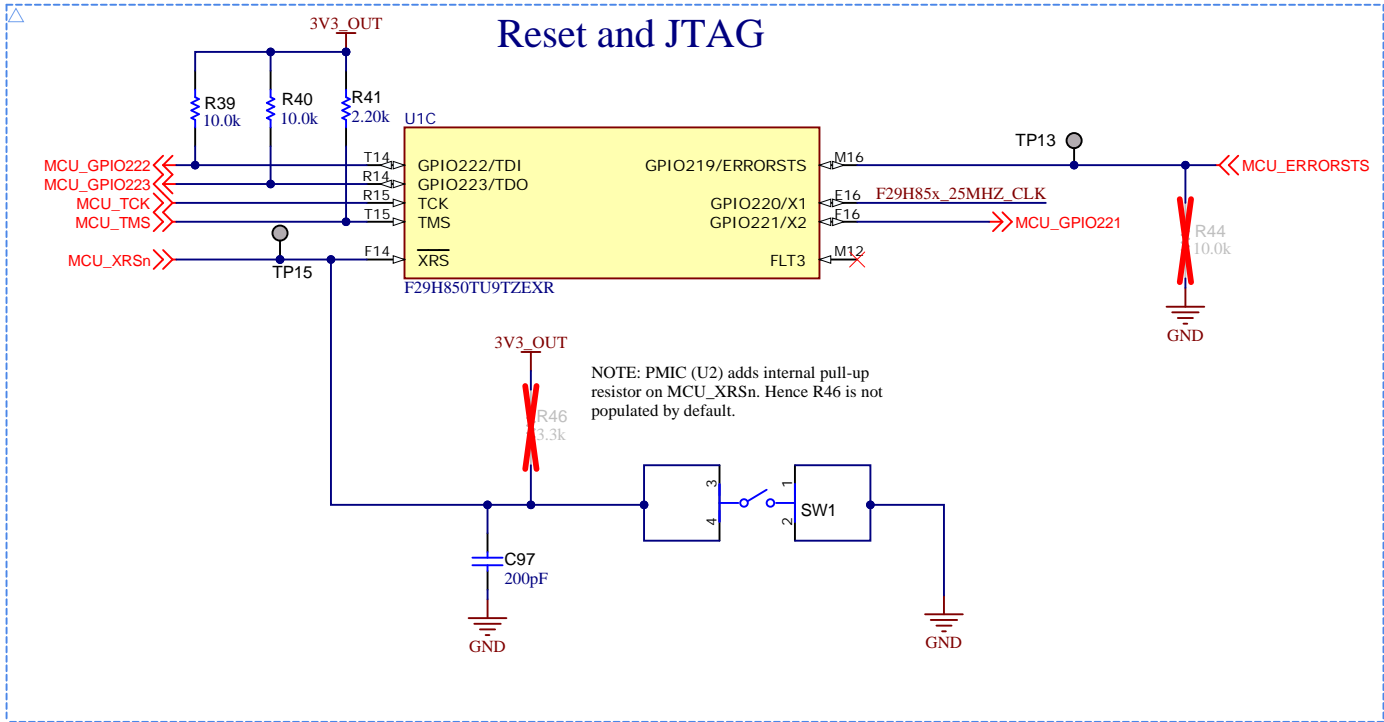
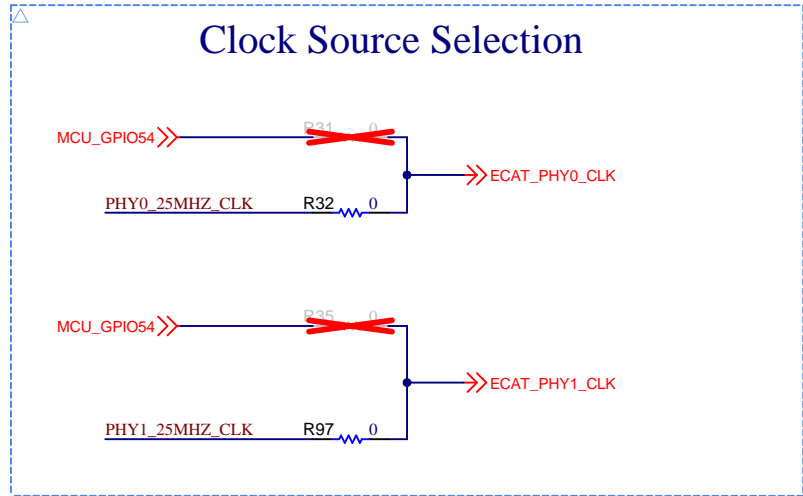
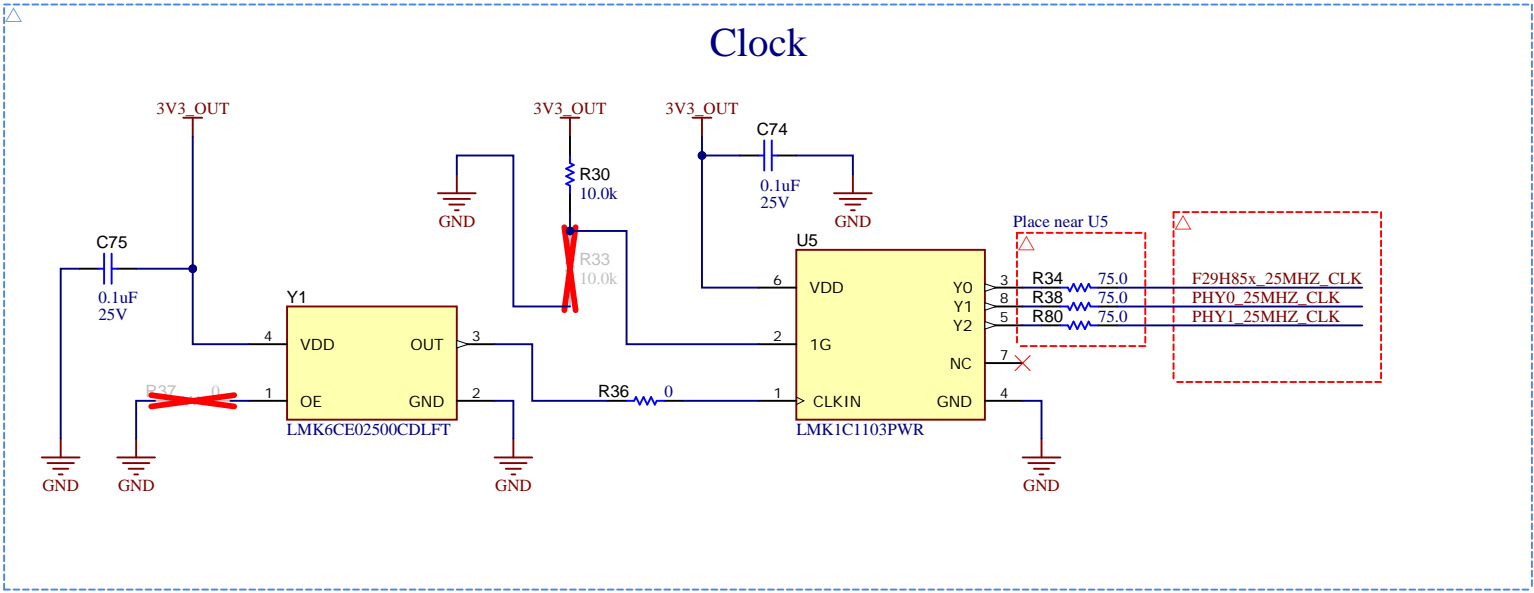
Place near U1



Place near U1

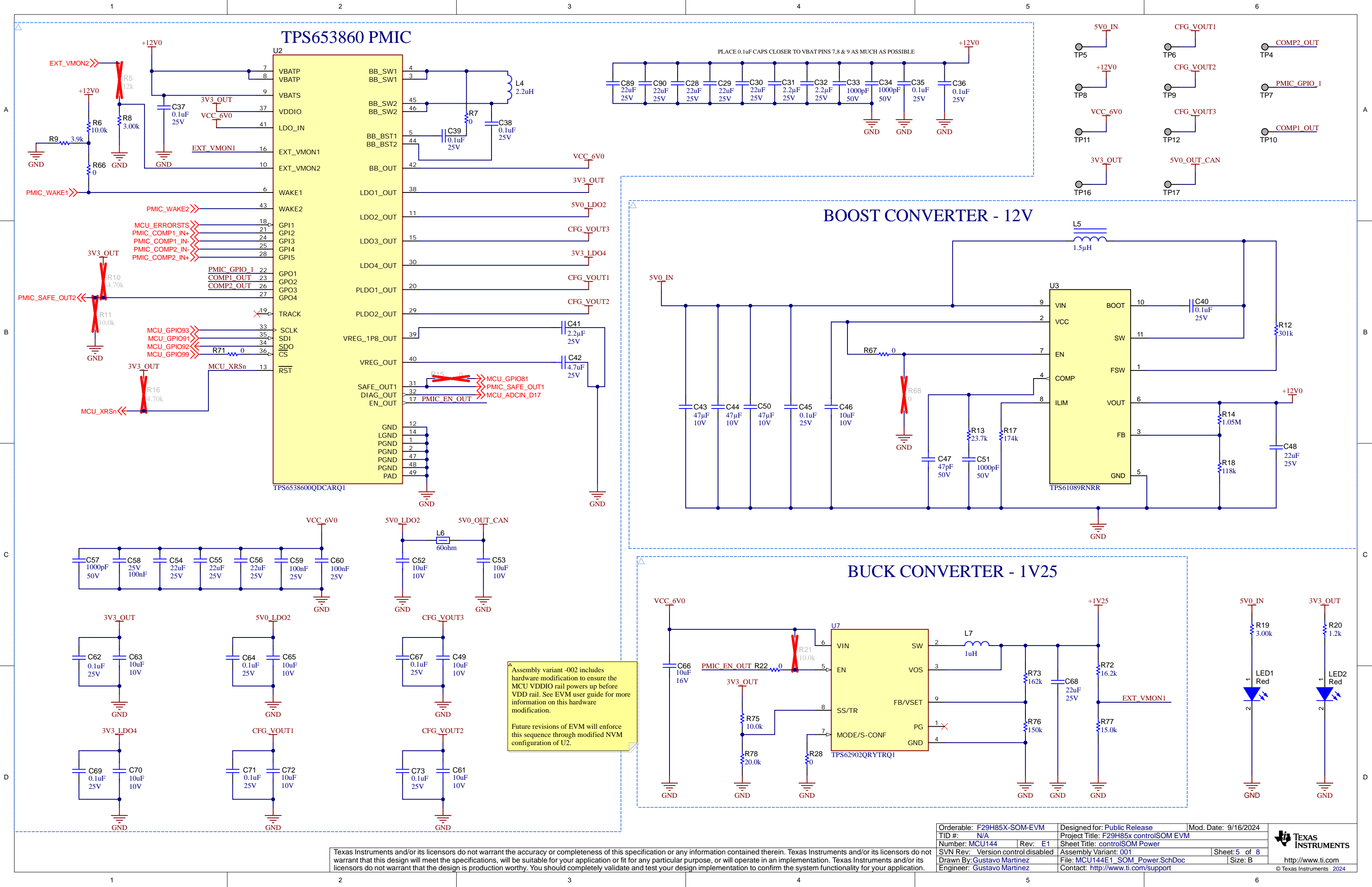






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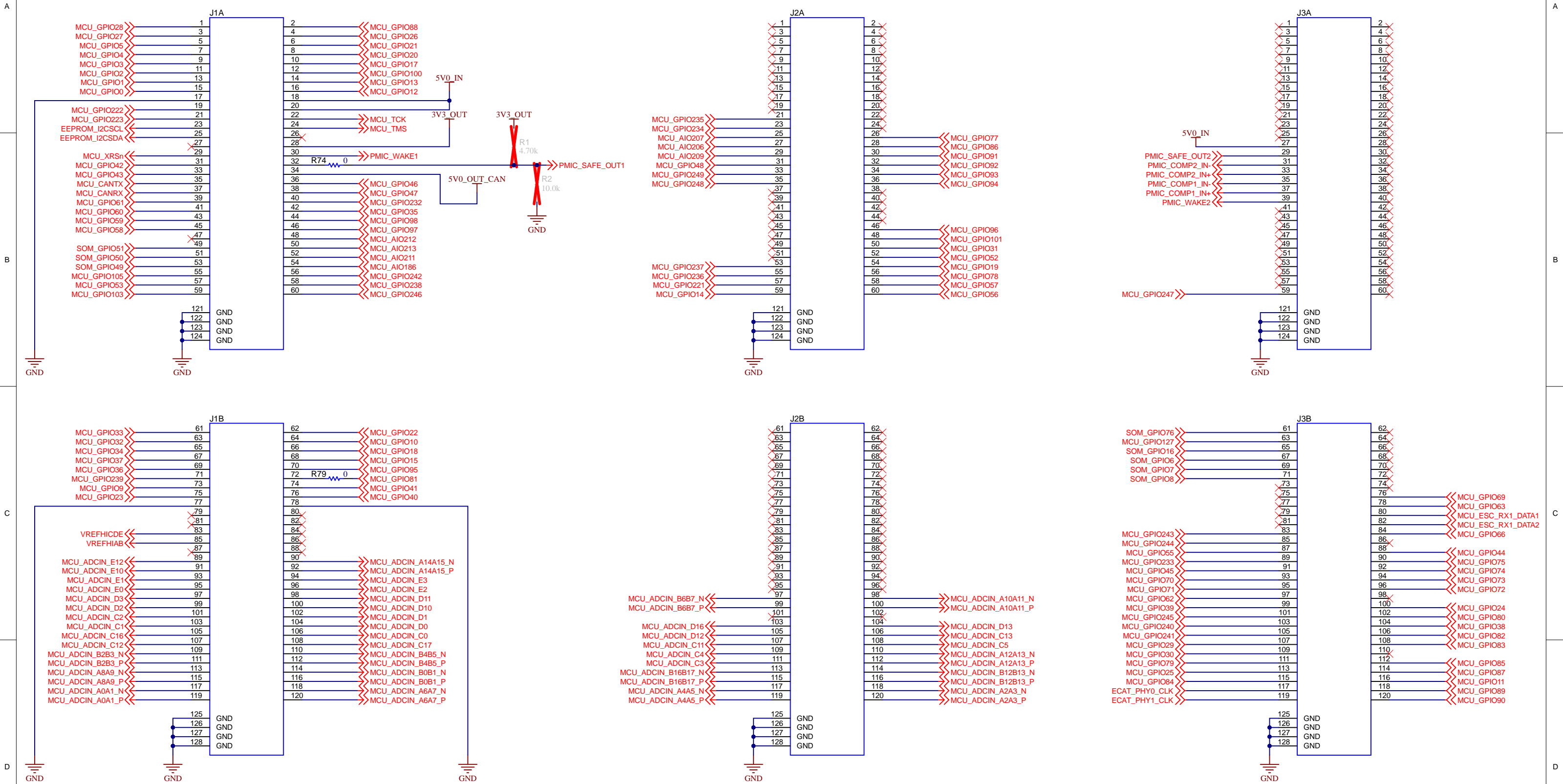
Orderable: F29H85X-SOM-EVM	Designed for: Public Release	Mod. Date: 9/16/2024
TID #: N/A	Project Title: F29H85x controlSOM EVM	
Number: MCU144	Rev: E1	Sheet Title: Clock, Reset, and Boot
SVN Rev: Version control disabled	Assembly Variant: 001	Sheet: 4 of 8
Drawn By: Gustavo Martinez	File: MCU144E1_Clock_Reset_Boot.SchDoc	Size: B
Engineer: Gustavo Martinez	Contact: http://www.ti.com/support	



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: 001	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

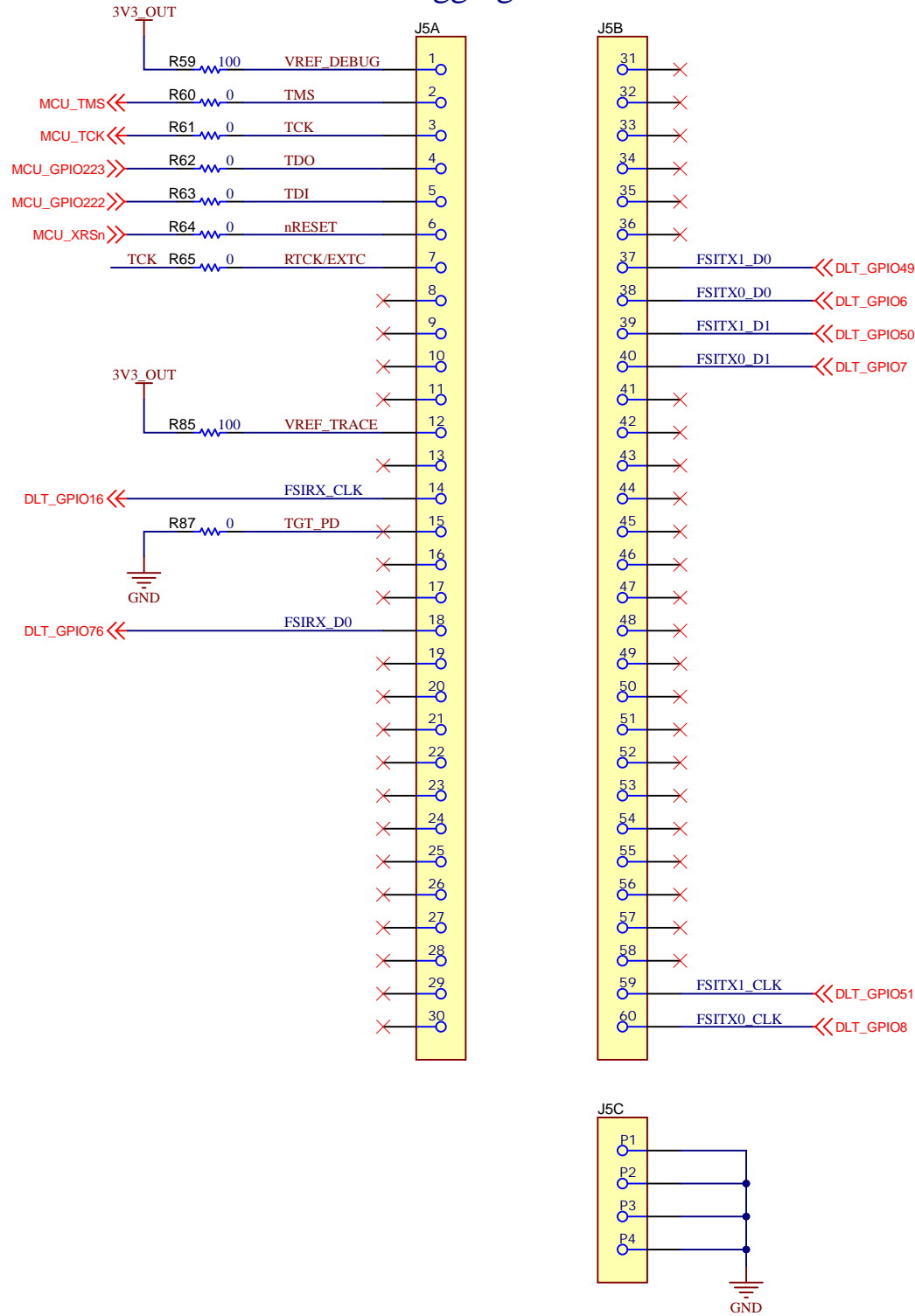
C

C

D

D

Data Logging and Trace Connector



Emulator Connector

