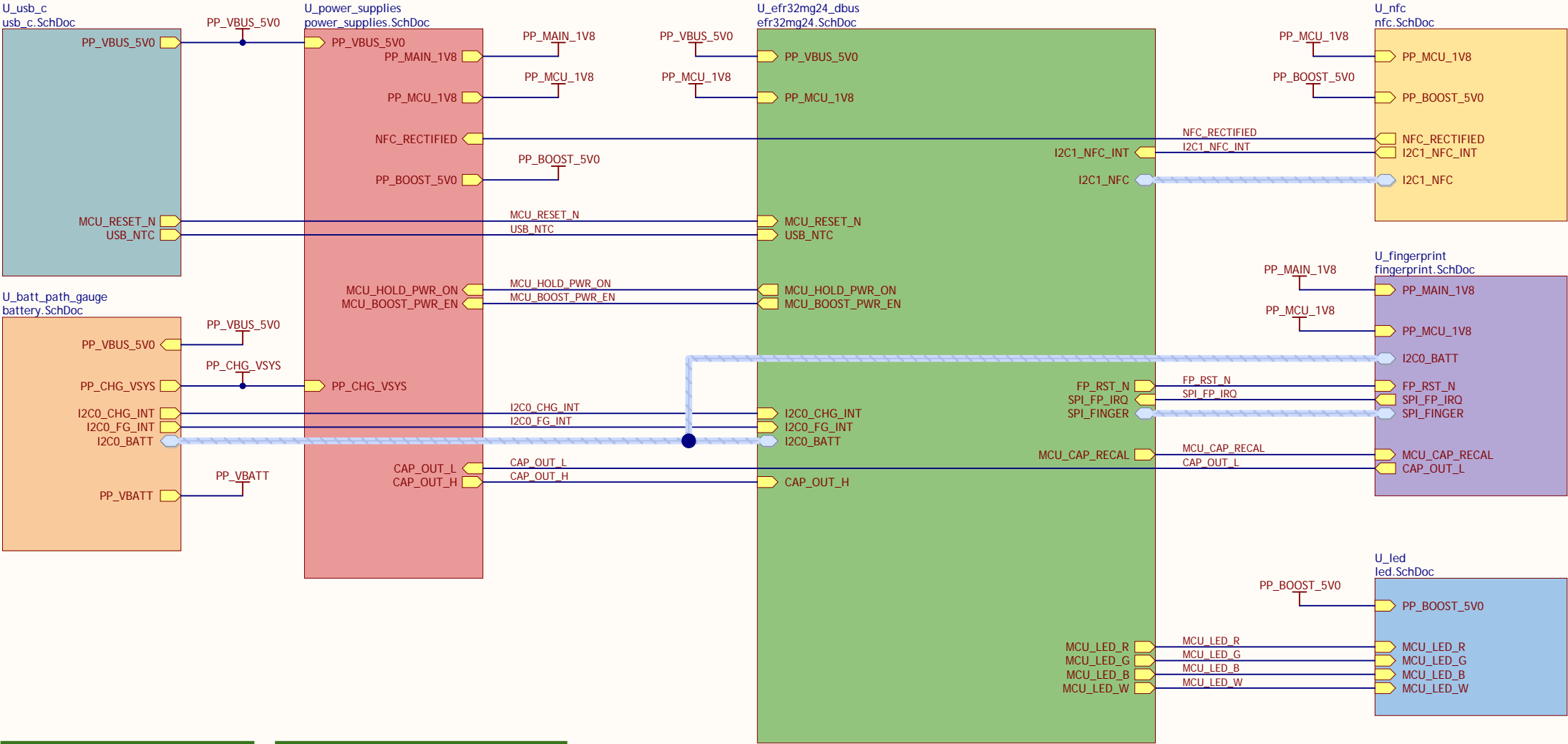
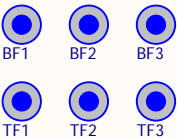


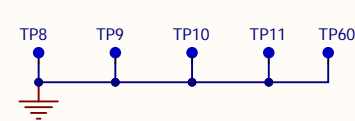
# Bitkey Main Logic Board



## Board Fiducials



## GND Testpoints

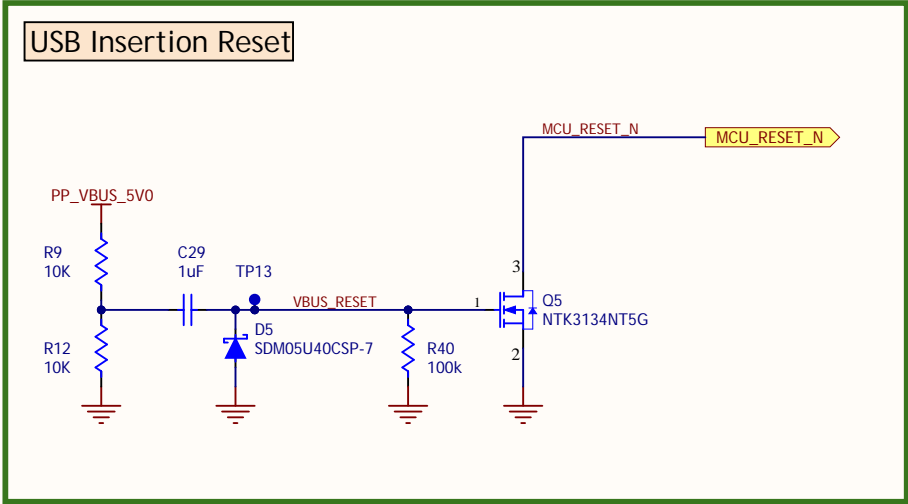
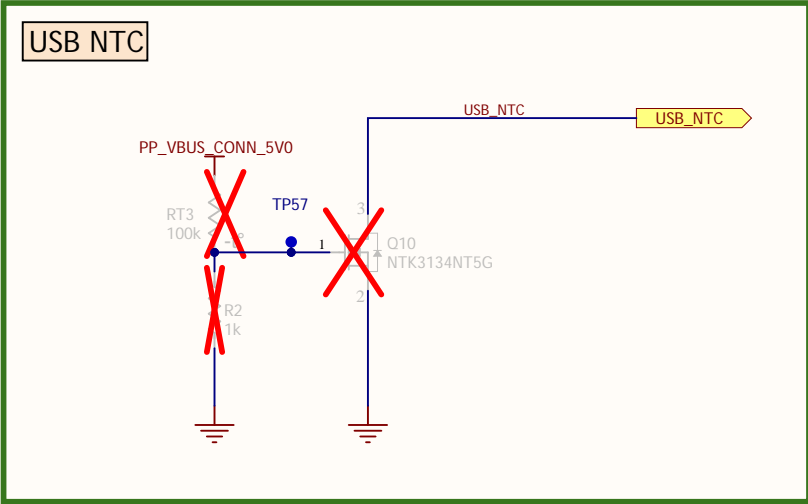
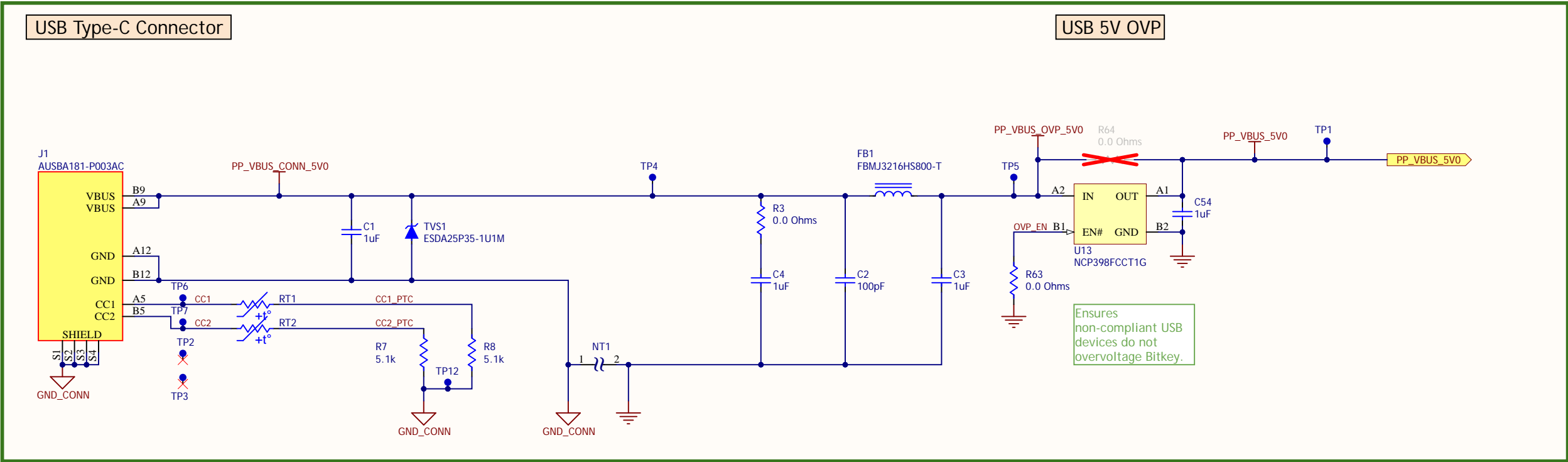


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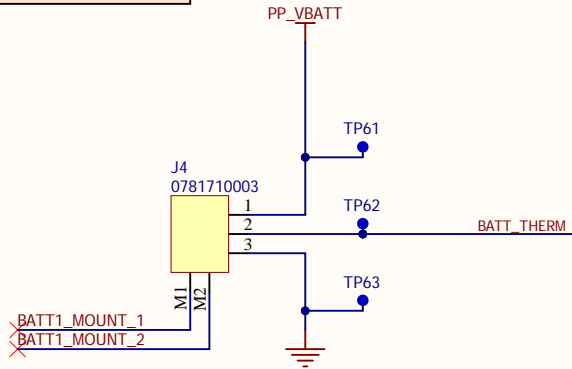
TITLE **Bitkey Main Logic Board**  
**Top Level**

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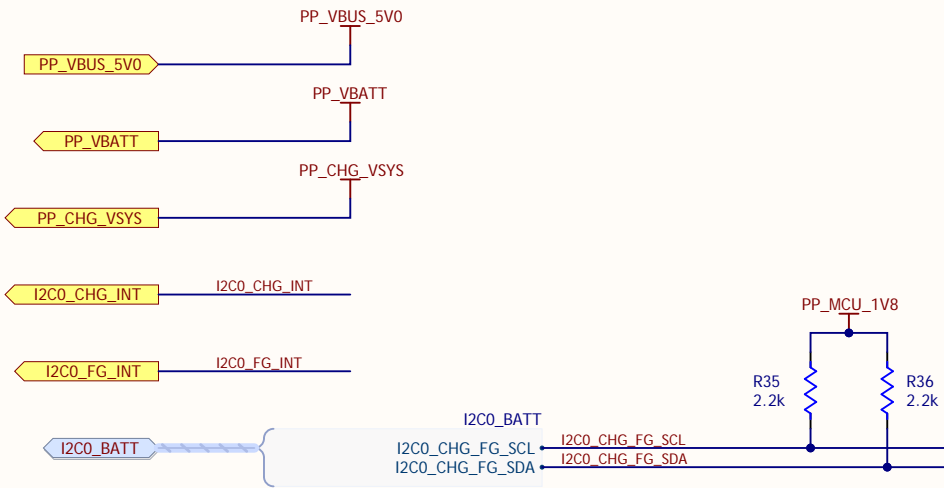
SHEET 1 OF 11



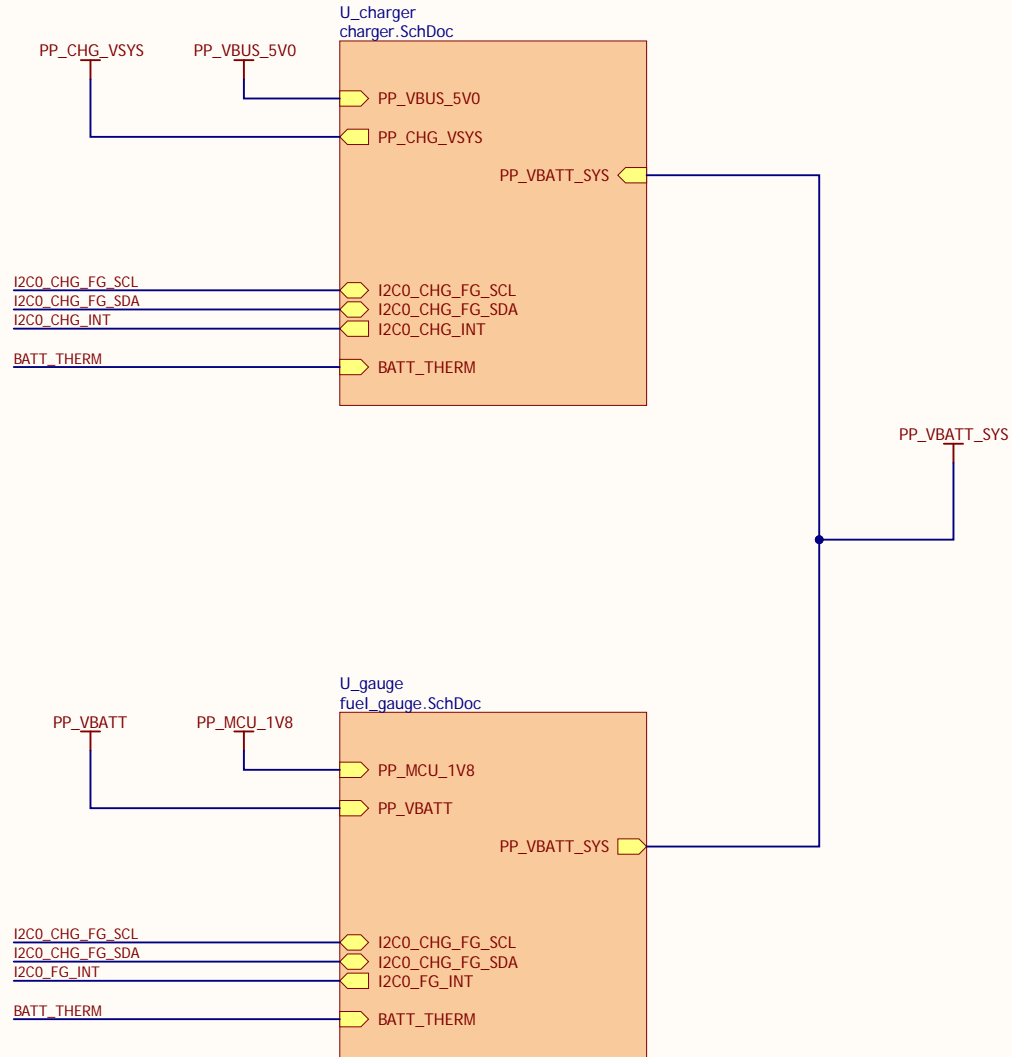
Battery Pack Connector



Ports



Charger and Gauge Subsheets



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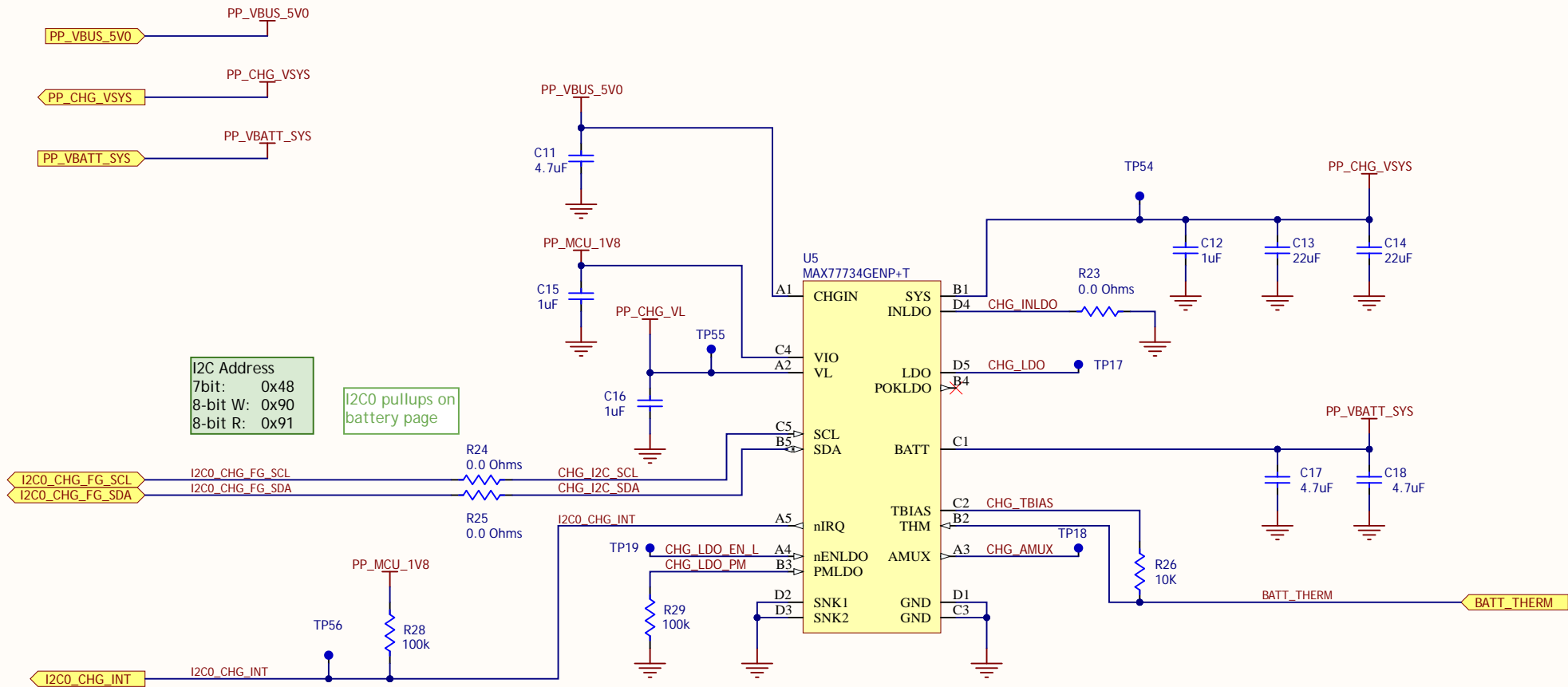
TITLE Bitkey Main Logic Board  
Battery

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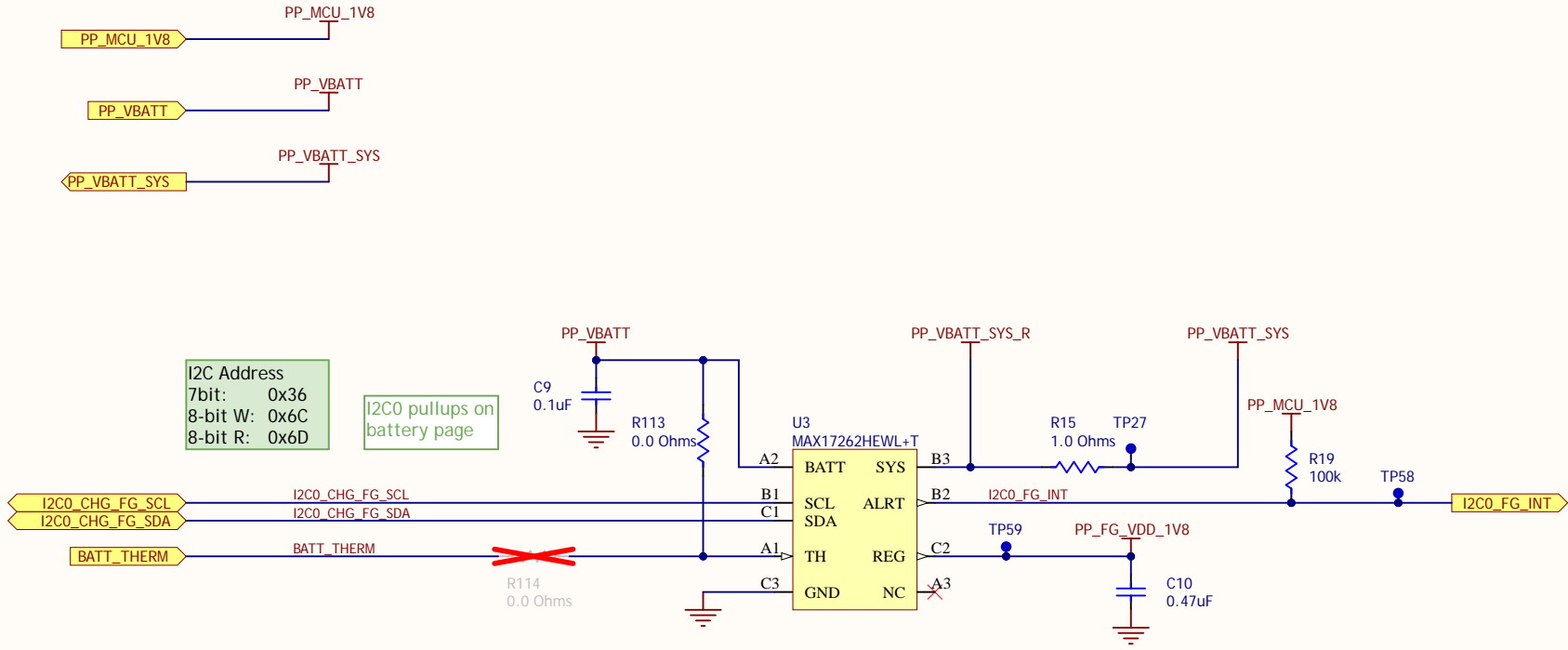
Battery Charger



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TITLE	Bitkey Main Logic Board Charger	REVISION	1.0	SHEET 4 OF 11
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## Battery Fuel Gauge

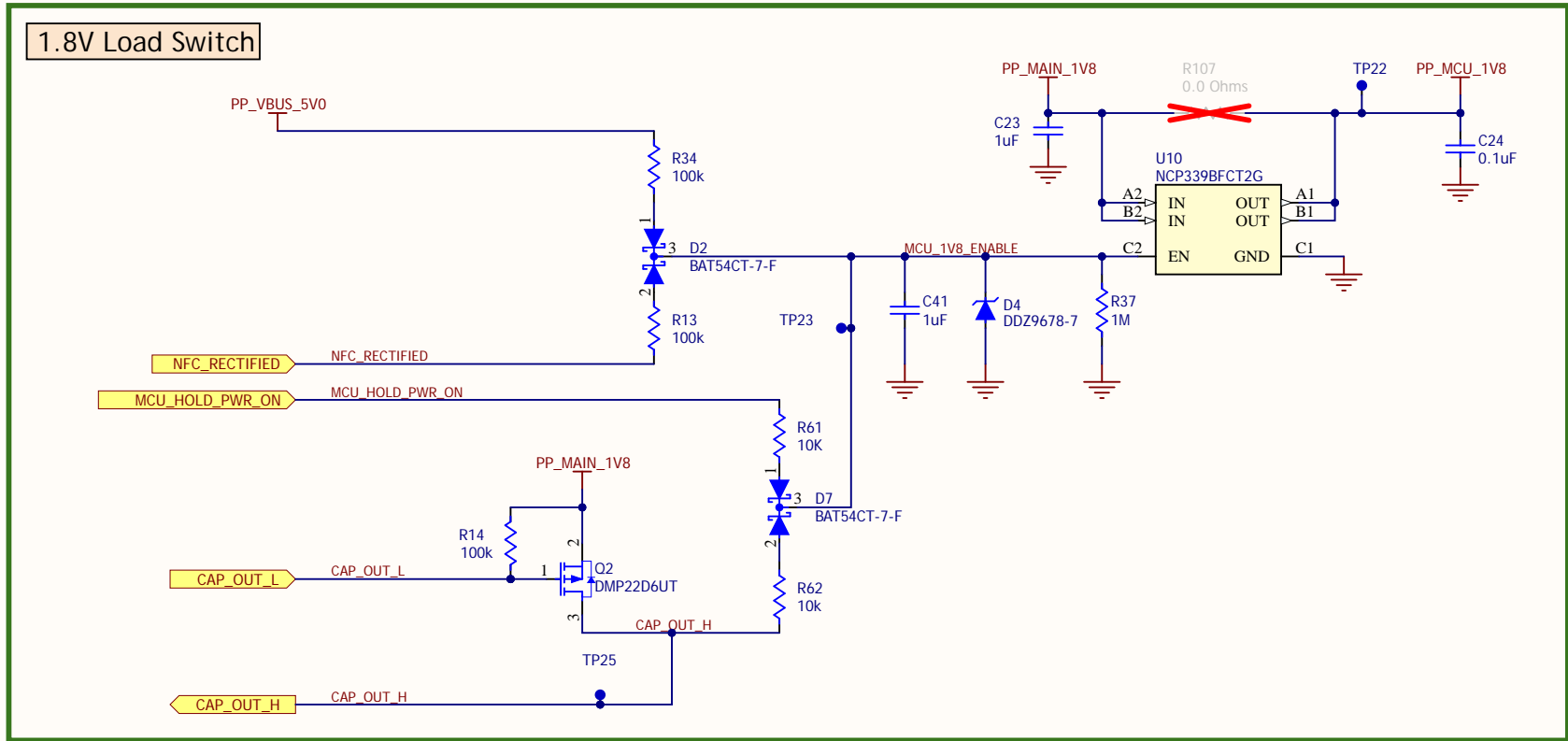
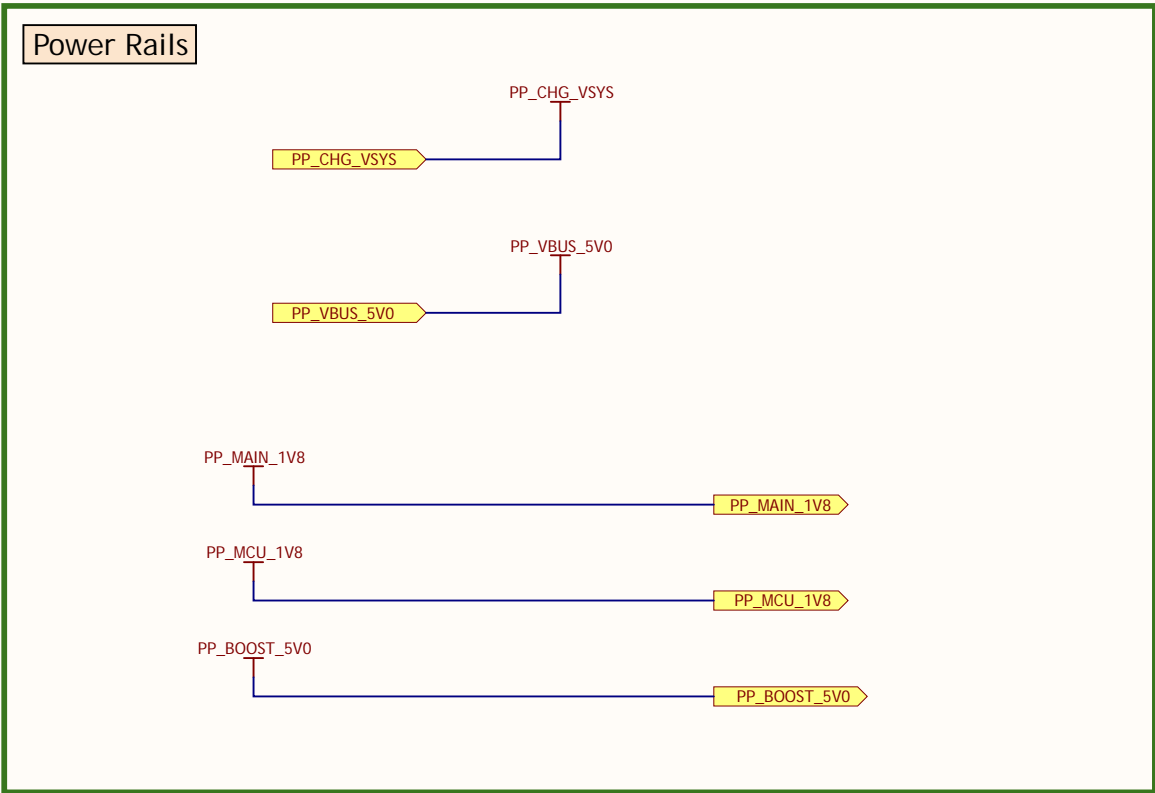
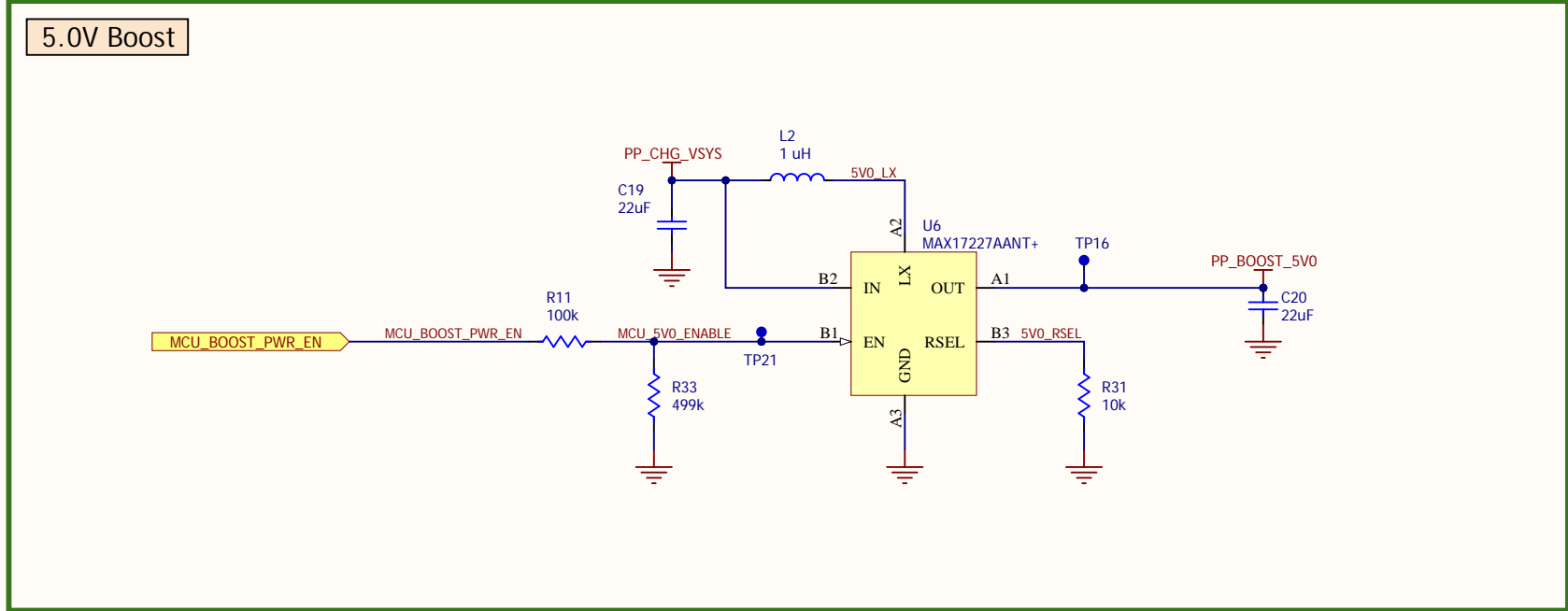
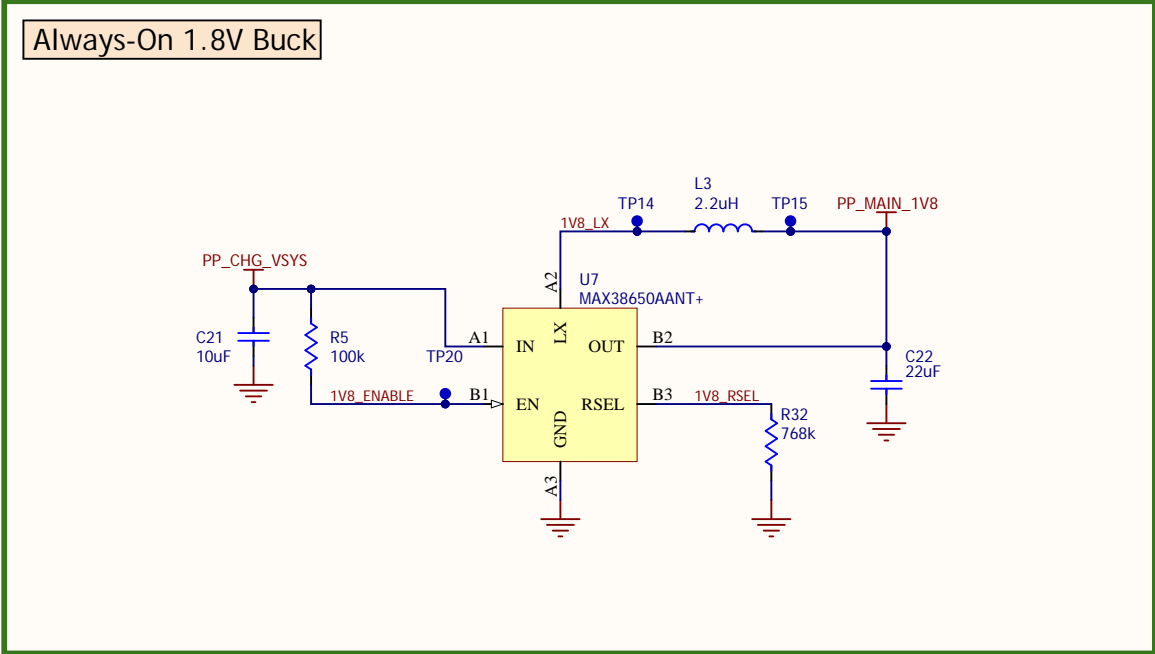


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# TITLE Bitkey Main Logic Board Fuel Gauge

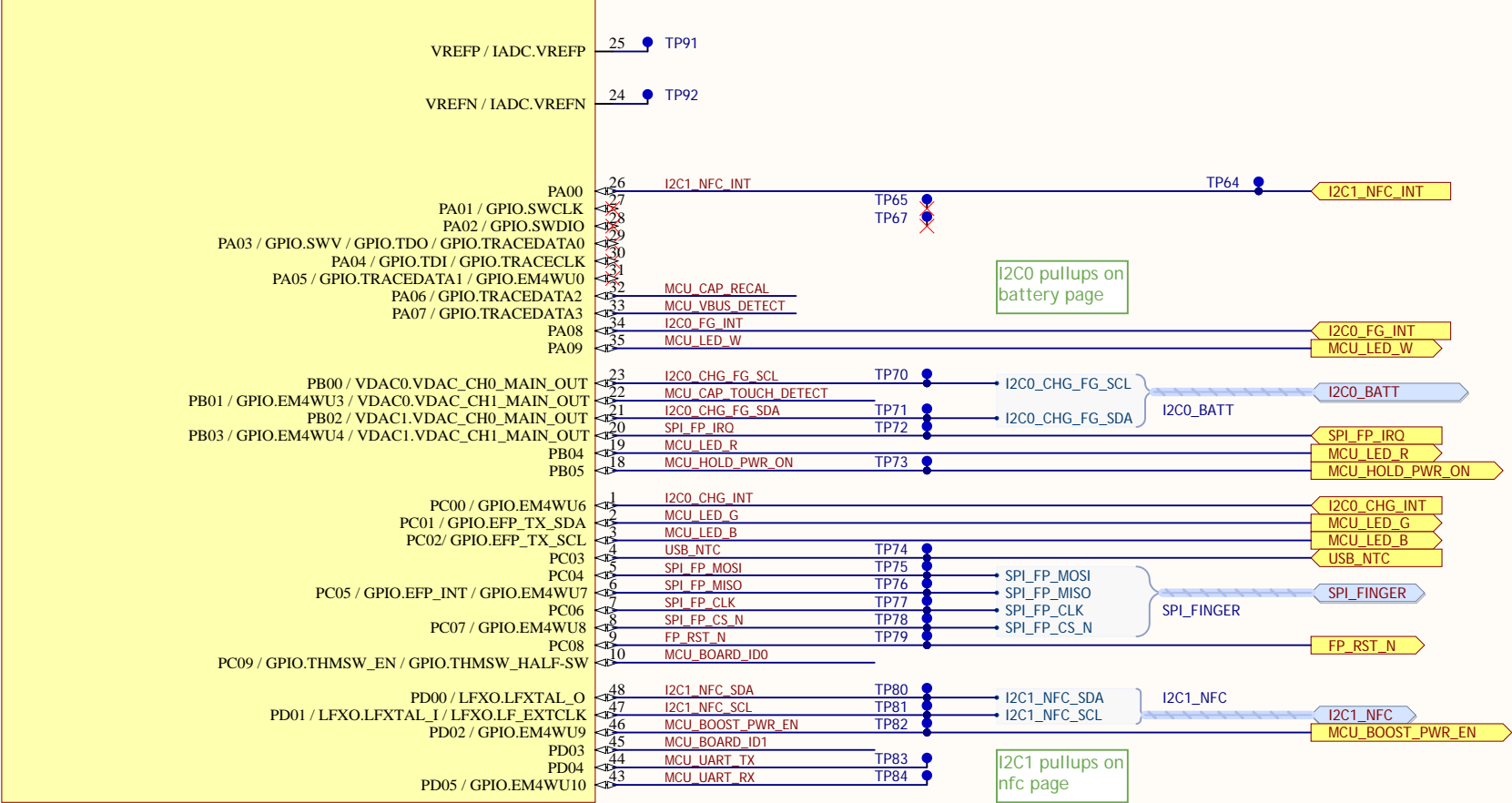
REVISION  
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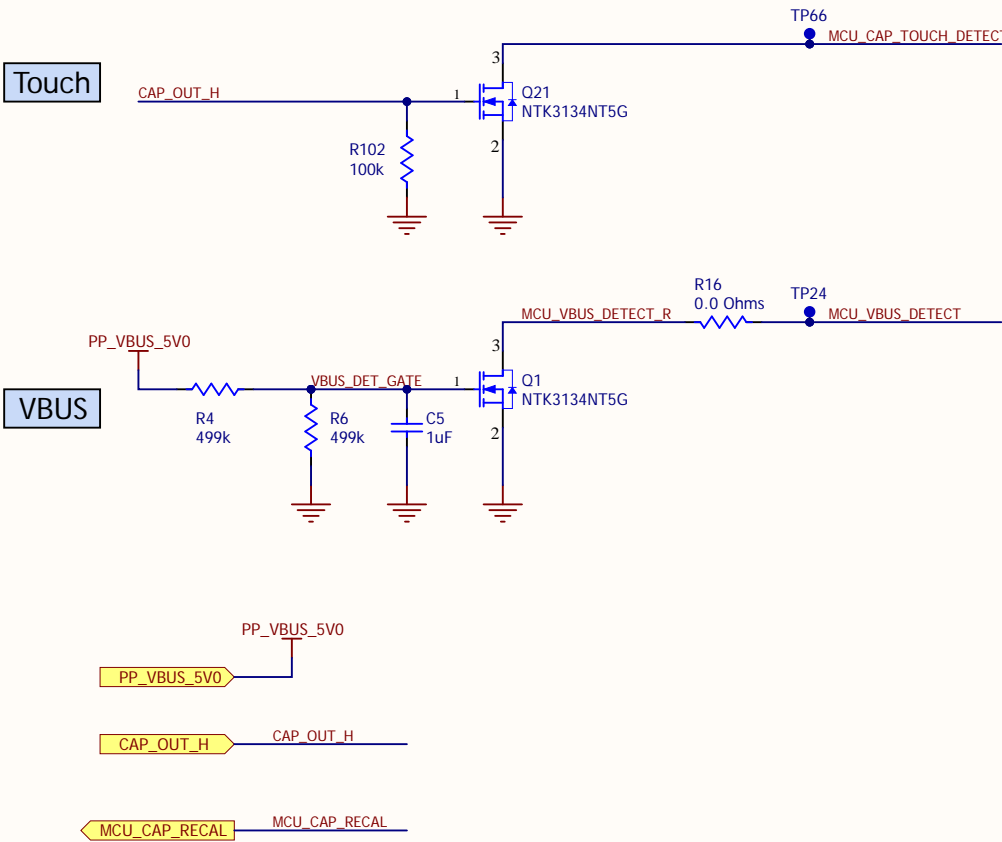


MCU GPIOs

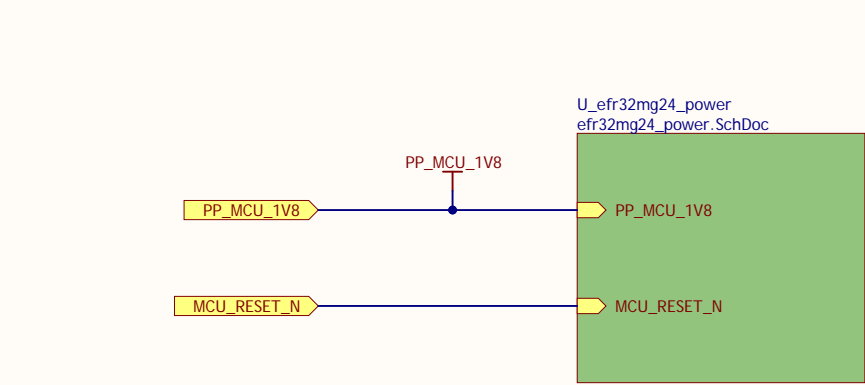
U12A  
EFR32MG24B010PZ060IM48-B



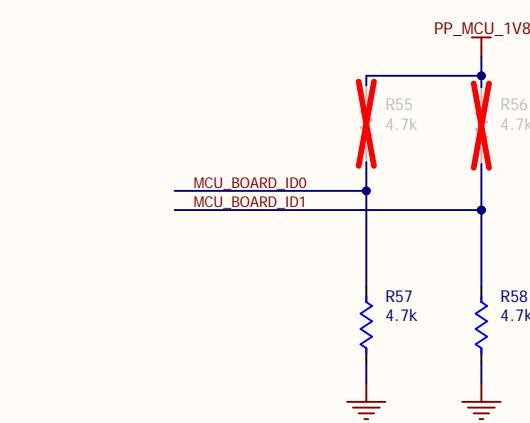
MCU Event Detection



Power Block



Board ID Straps



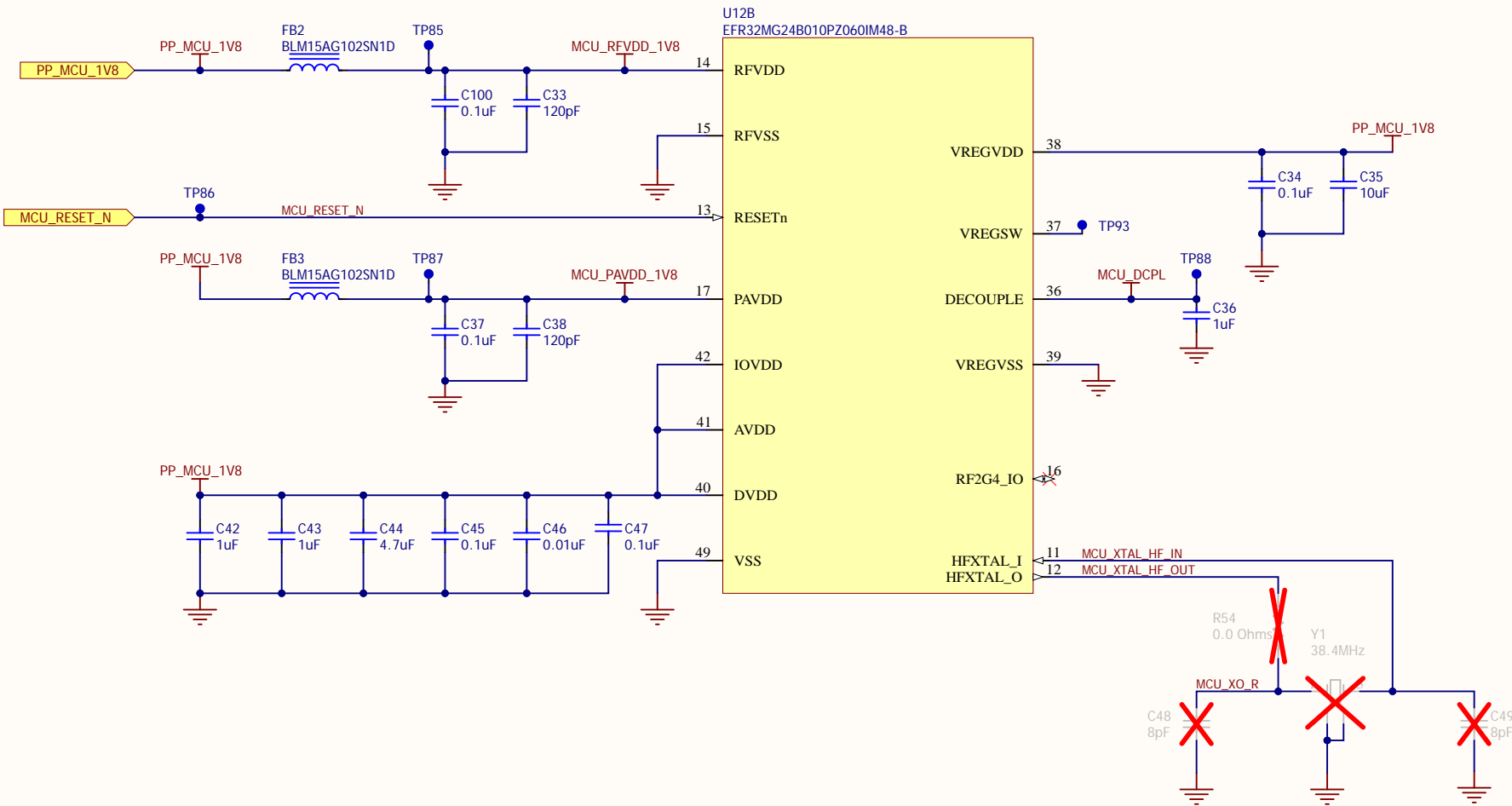
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MCU GPIO

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MCU Power/Reset



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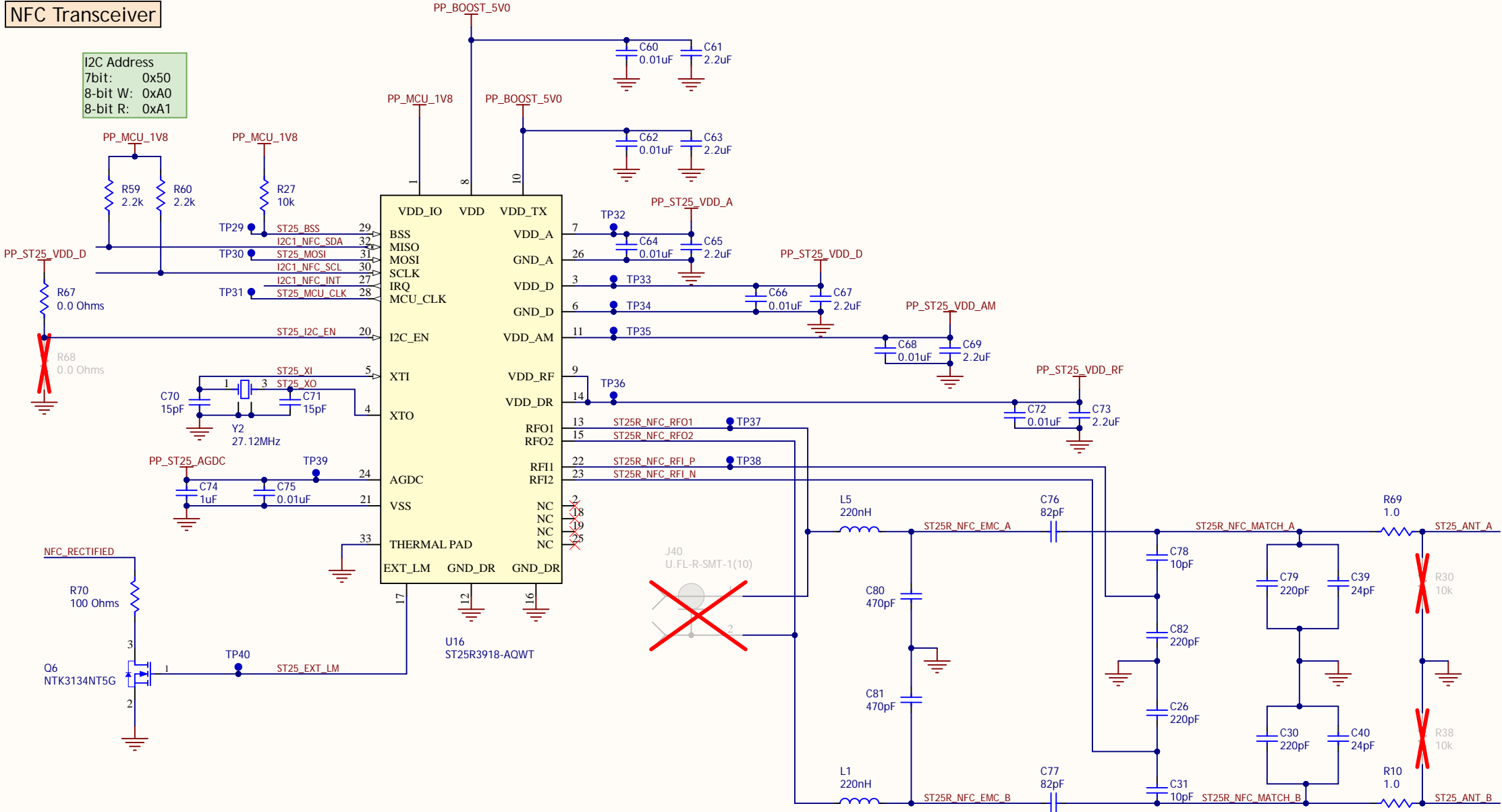
TITLE Bitkey Main Logic Board  
MCU Power, Clk, Reset

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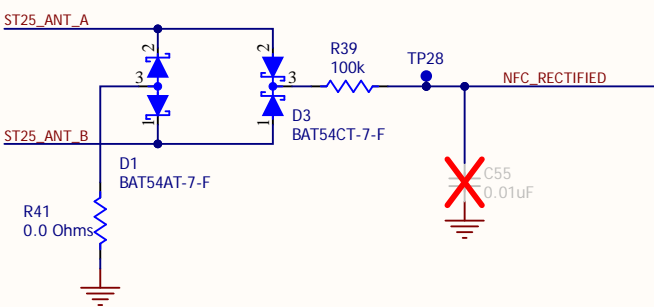
SHEET 8 OF 11



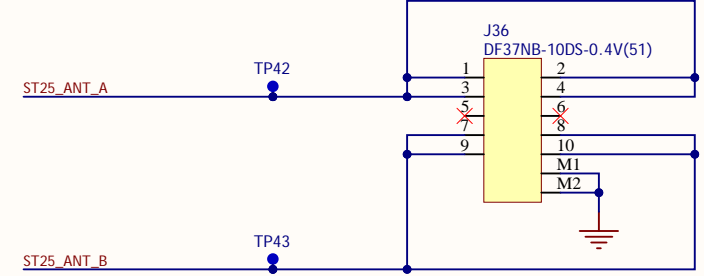
NFC Transceiver



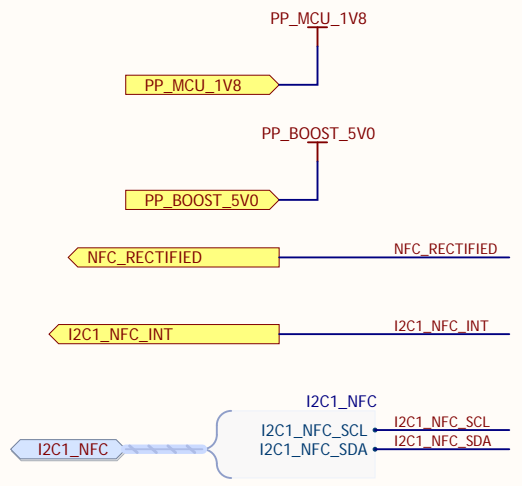
NFC Rectification



NFC Coil Connector



Ports

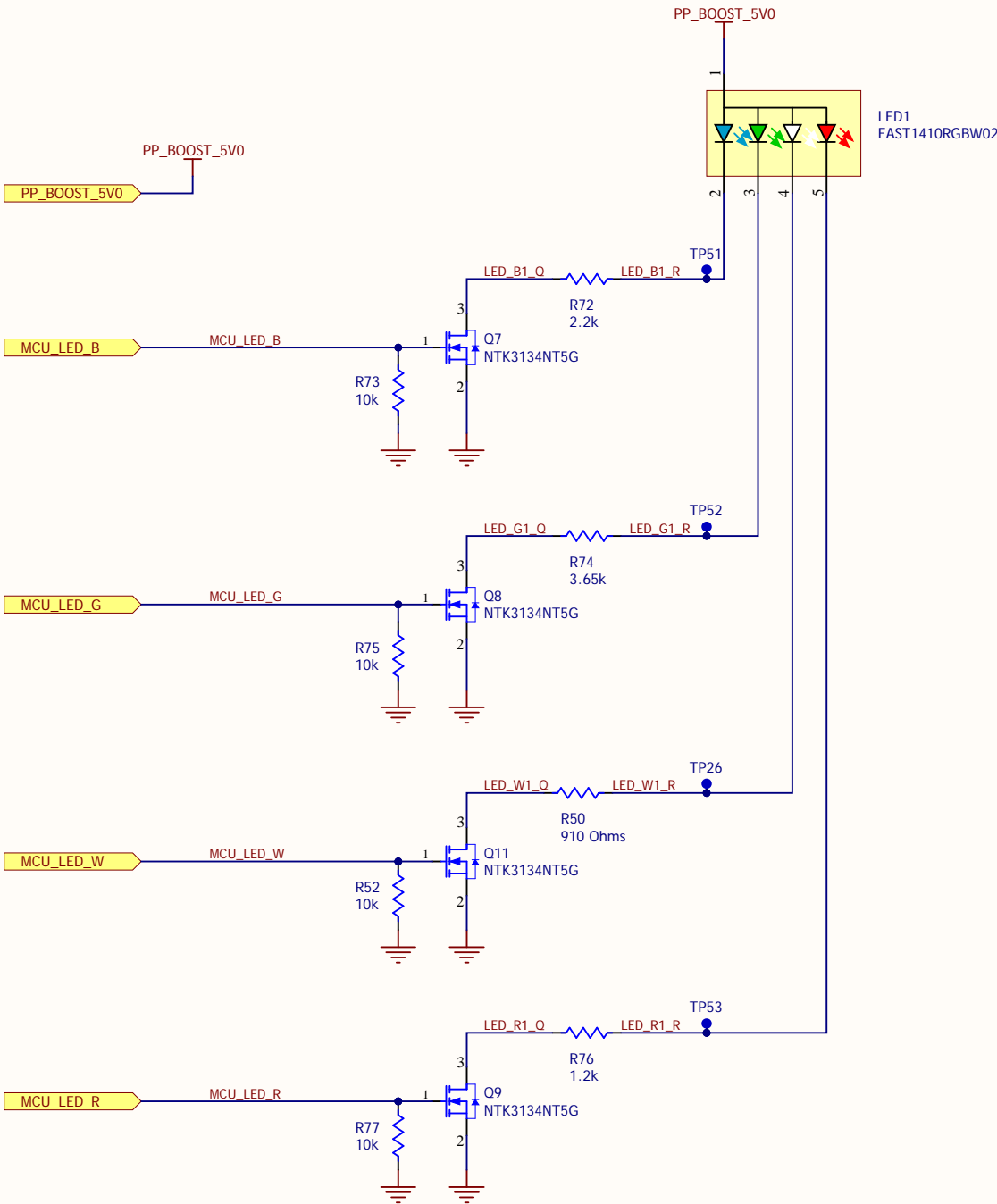


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TITLE	Bitkey Main Logic Board NFC	REVISION	1.0	SHEET	9 OF 11
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Single RGBW LED



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TITLE Bitkey Main Logic Board  
LED

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