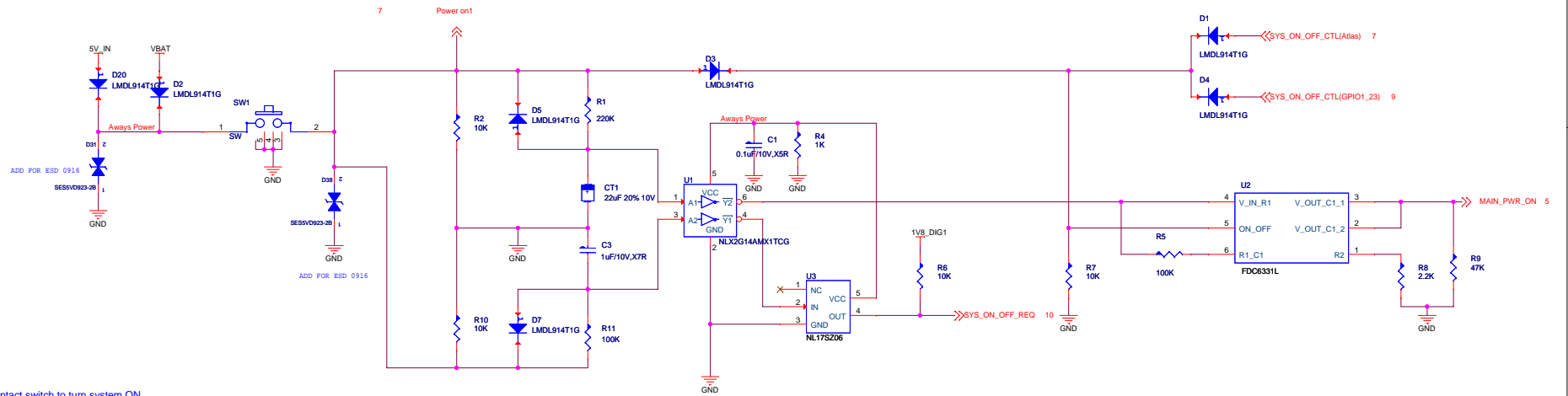


# System Power Control



If system is OFF,  
press momentary contact switch to turn system ON.

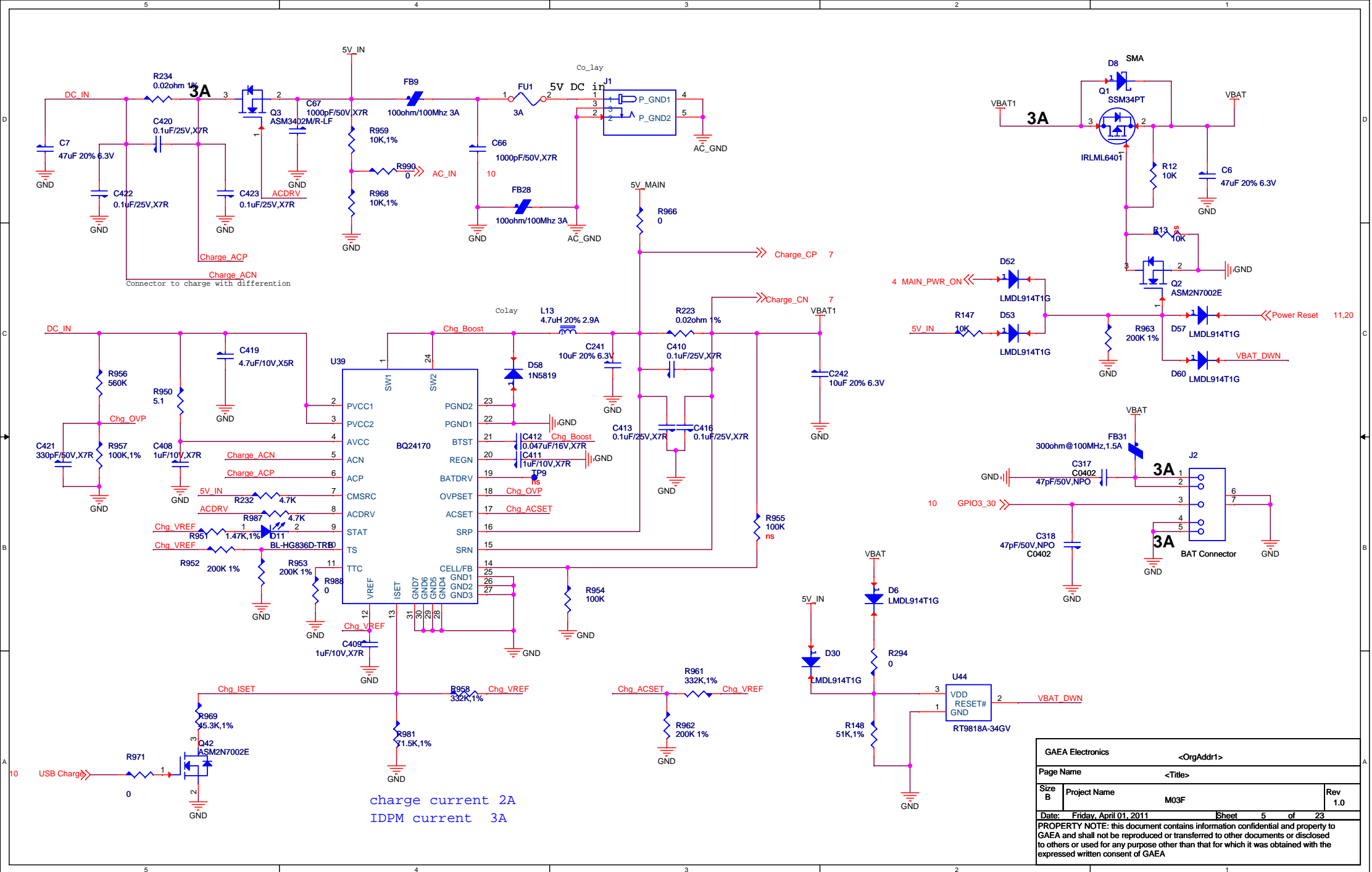
If system is ON,  
press momentary contact switch to start s/w based  
shutdown\_entry or resume operation.

If system is hung, press contact switch for at least 10 seconds.

Note:

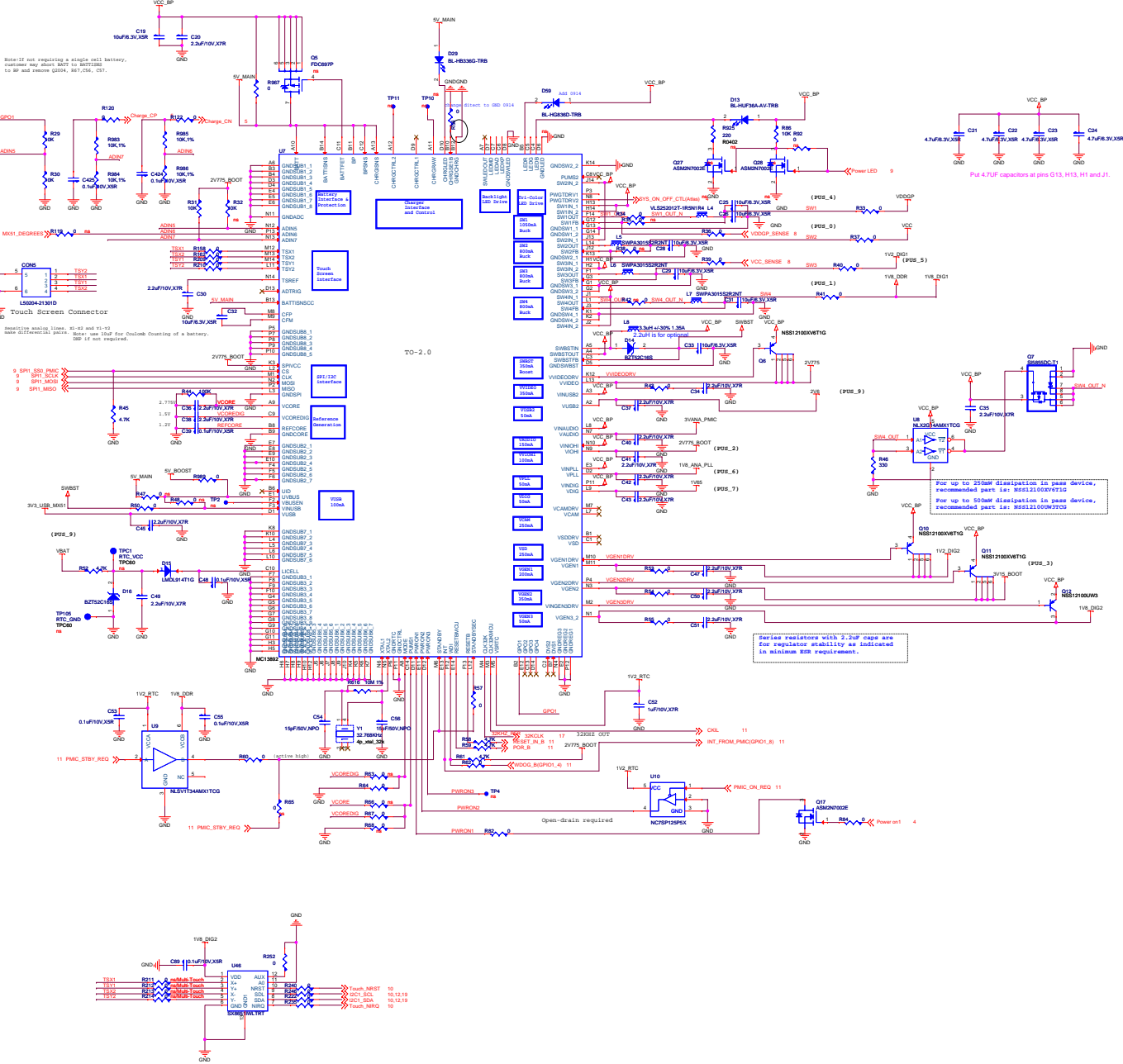
To increase or decrease the forced turn-off time, change RC timing by changing R1 and CT1.

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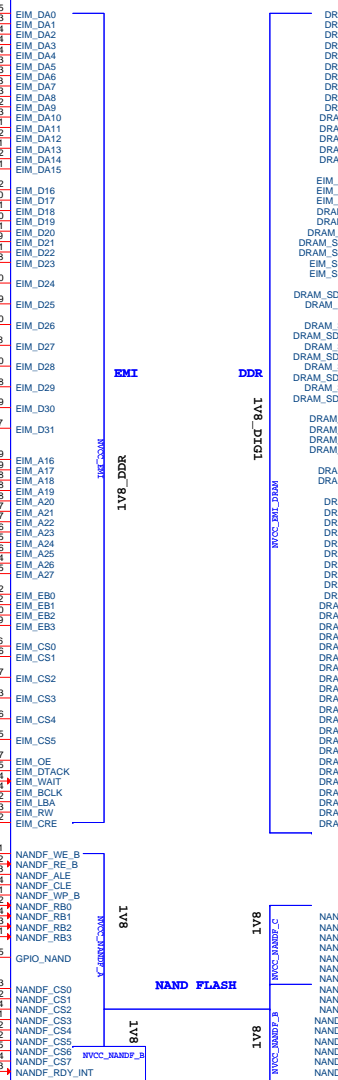


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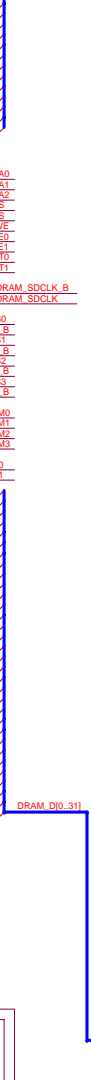
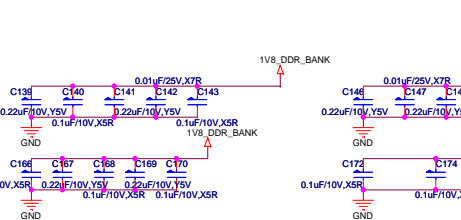
Note: If not requiring a single cell battery, customer may short BATT to BATT2SS to BP and remove Q204, R57, C56, C57.



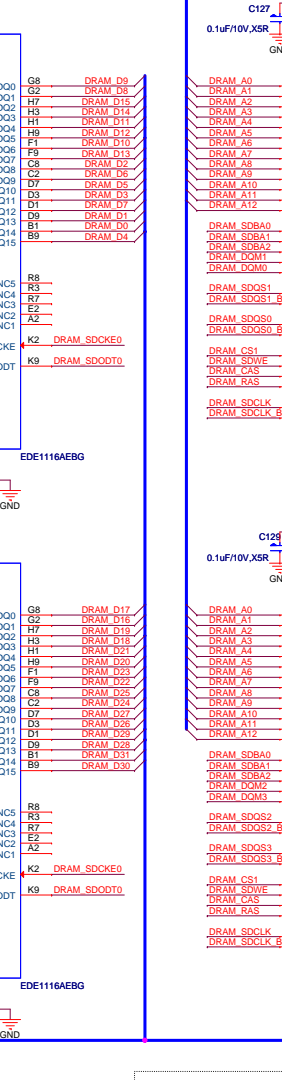
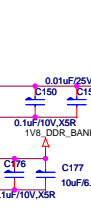
## i.MX51 - MEMORY INTERFACE



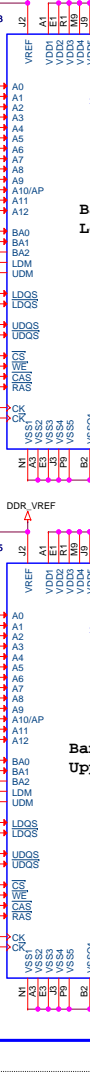
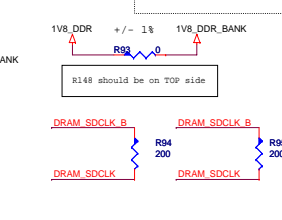
NOTE: DO NOT use EIM\_CRE as GPIO as DI1\_PIN13 has the same GPIO assignment



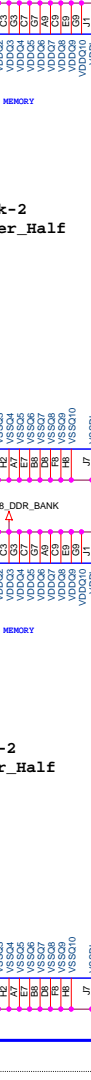
NOTE: DO NOT use EIM\_CRE as GPIO as DI1\_PIN13 has the same GPIO assignment



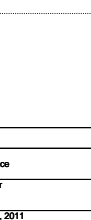
NOTE: DO NOT use EIM\_CRE as GPIO as DI1\_PIN13 has the same GPIO assignment



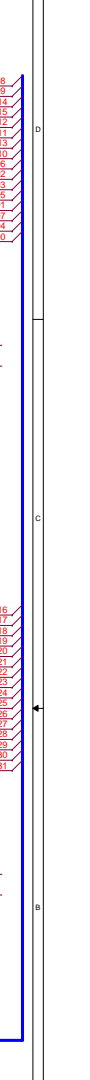
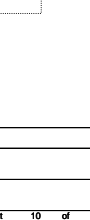
NOTE: DO NOT use EIM\_CRE as GPIO as DI1\_PIN13 has the same GPIO assignment



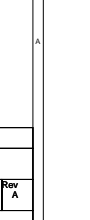
NOTE: DO NOT use EIM\_CRE as GPIO as DI1\_PIN13 has the same GPIO assignment



NOTE: DO NOT use EIM\_CRE as GPIO as DI1\_PIN13 has the same GPIO assignment

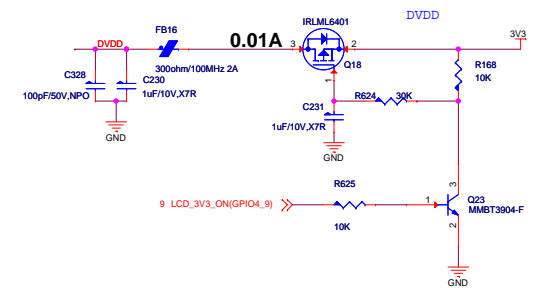
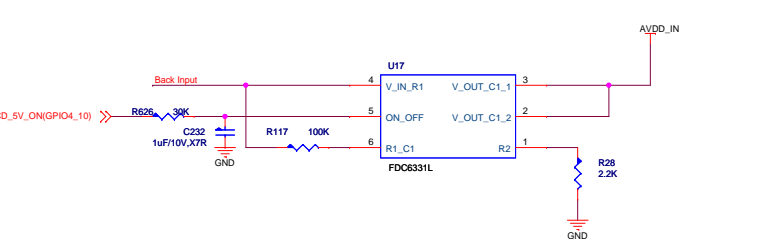
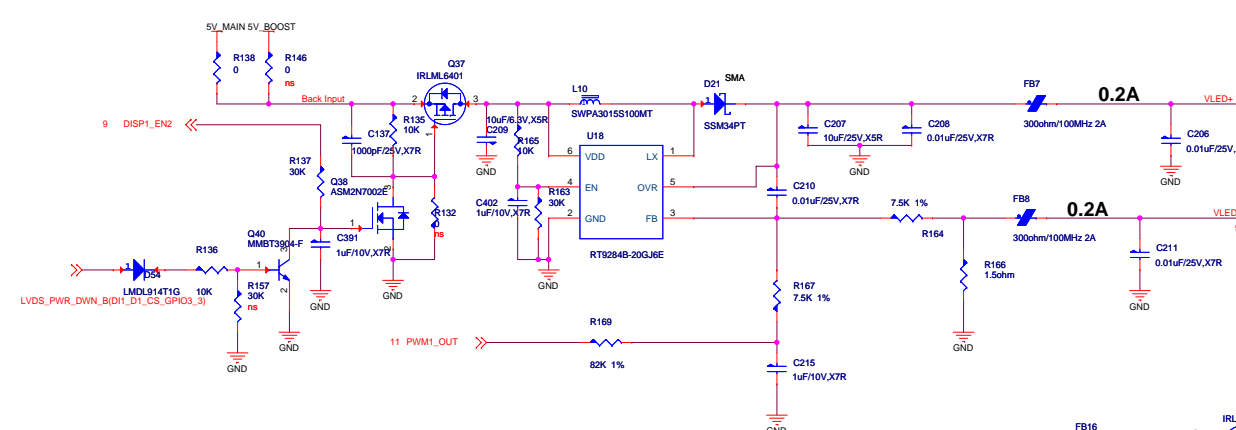
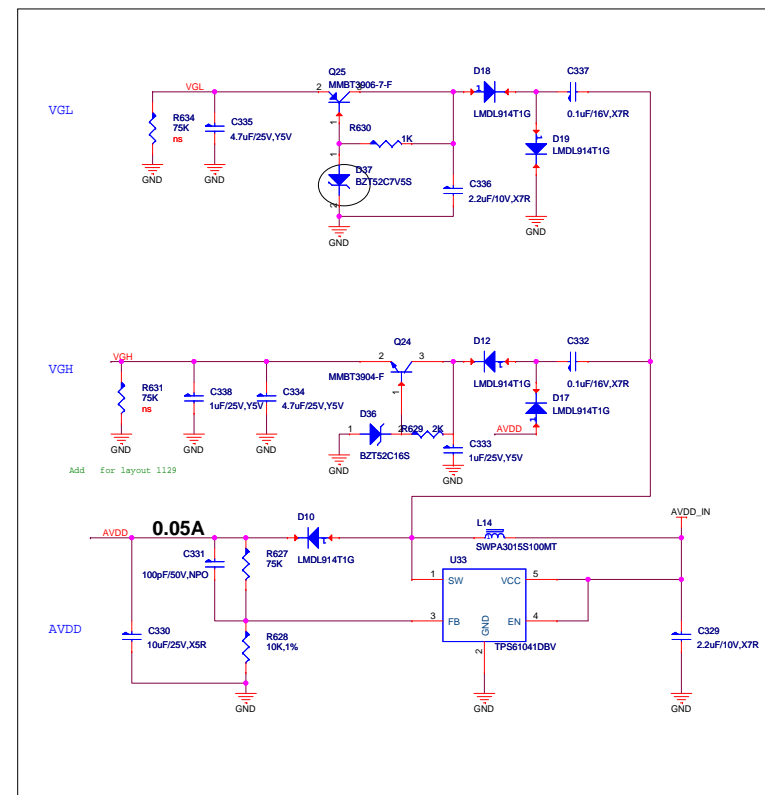
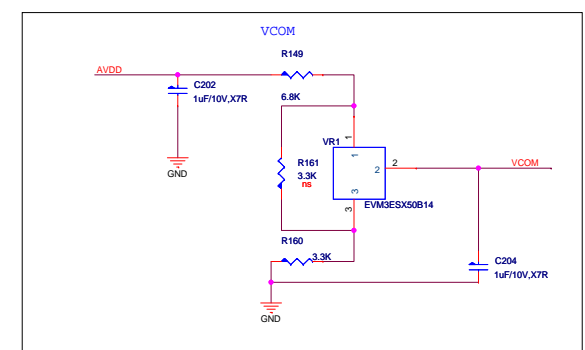
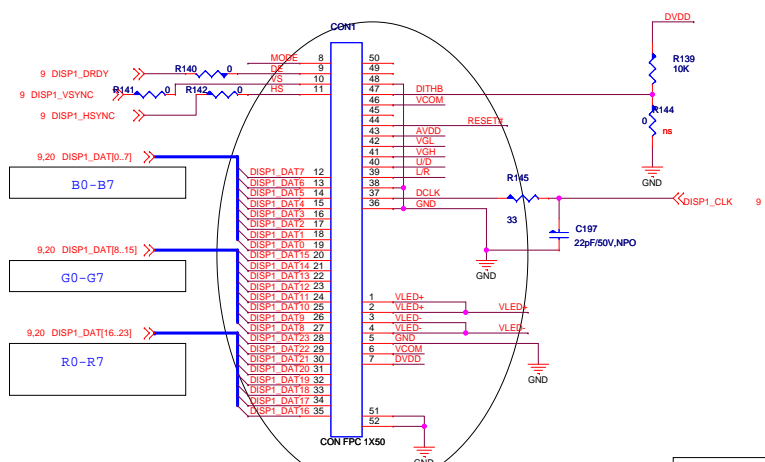


NOTE: DO NOT use EIM\_CRE as GPIO as DI1\_PIN13 has the same GPIO assignment



NOTE: When swapping bytes 0 or 1 into 2 or 3, must then use 32 bit access. Cannot use 16-bit access.

1) Data pins can be swapped within each byte  
2) Data bytes can be swapped  
3) DQm and DQSx must follow each byte



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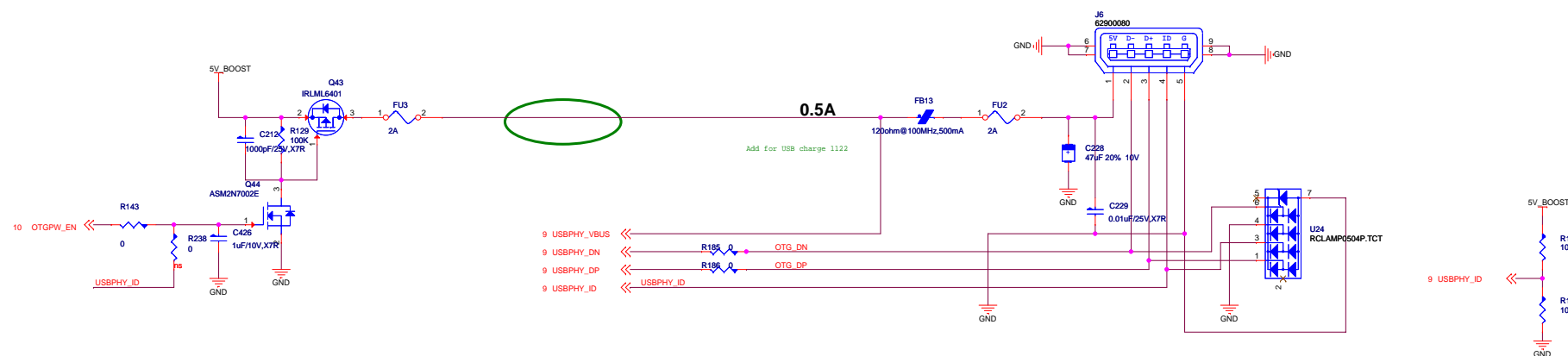
```
to USB hub
```



for boot/debug and USB-hub

## USB Boot/Debug

Micro USB-AB Receptacle



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USB BOOT and USB Host1			
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