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Review	<review>	Title Mini9000		
Authorize	<authorize>	Size	Doc Name	Ver.
Standardize	<standardize>	A3	01 Conver Page	X1
		Date	Tuesday, January 27, 2015	Sheet 1 of 13

Schematic History

2014-07-25

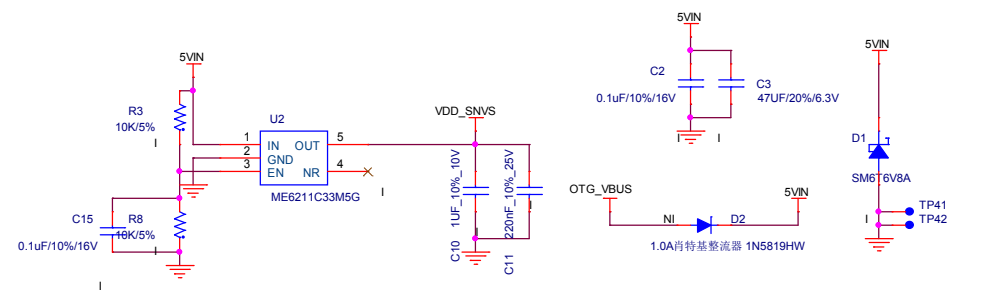
- Delete D2
- Add GND test point
- Interchange net name of PWM3 and PWM4
- Add R104 and R105
- Change P/N of L1,L2,L3 and L4
- Modify package of R66

2014-09-22

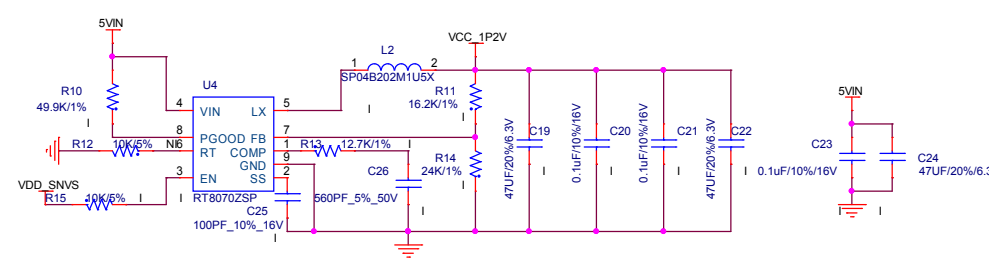
- Add mechanical holes
- Add a power connector for test

Design	<design>	Embest Tech Co. LTD		
Review	<review>			
Authorize	<authorize>	Title Mini9000		
Standardize	<standardize>	Size	Doc Name	Ver.
		A3	02 Schematic History	X1
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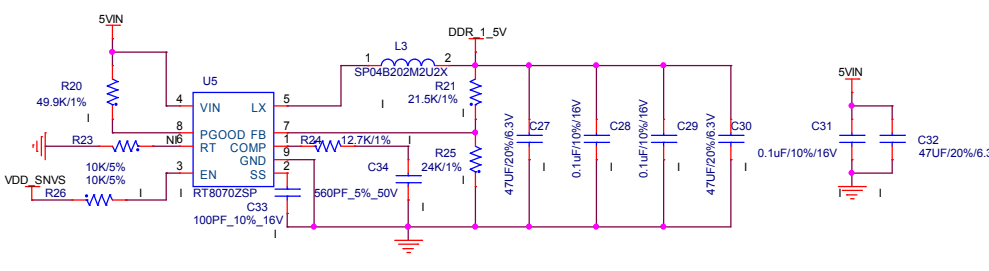
VDD_SNV5



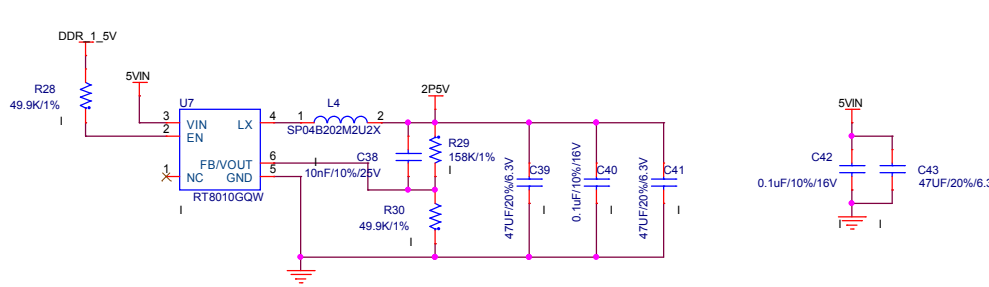
VCC_1P2V



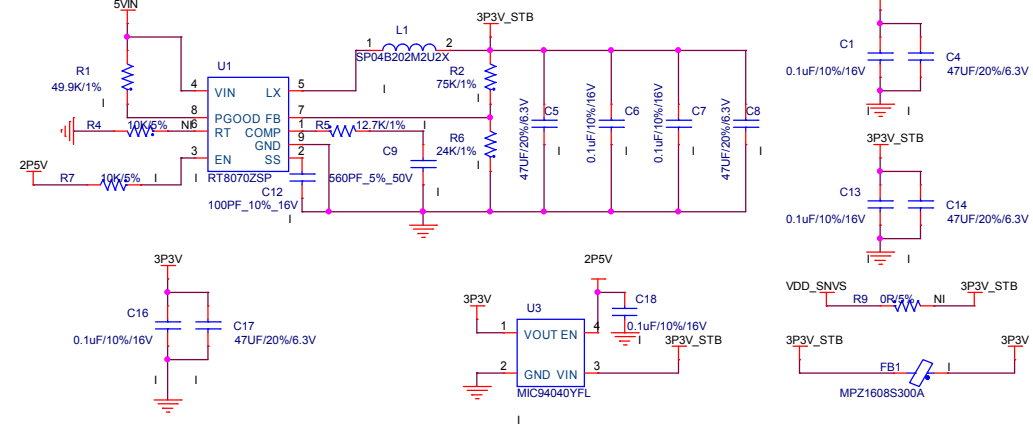
DDR_1_5V



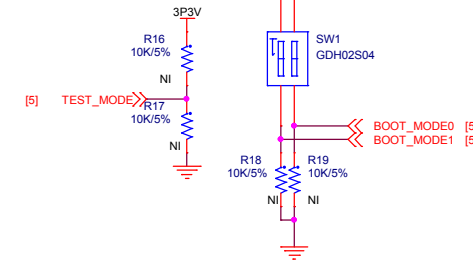
2P5V



3P3V

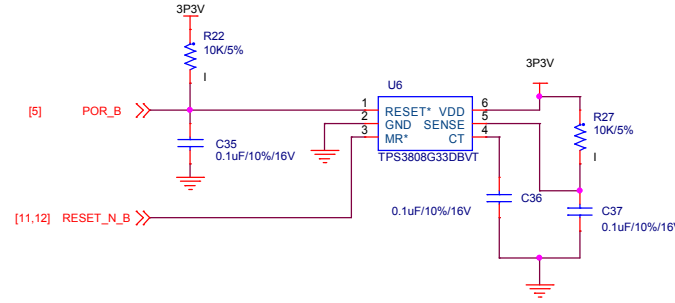


Boot



BOOT_MODE[1 : 0]	Boot Type
00	Boot From Fuses
01	Serial Downloader
10	Internal Boot
11	Reserved

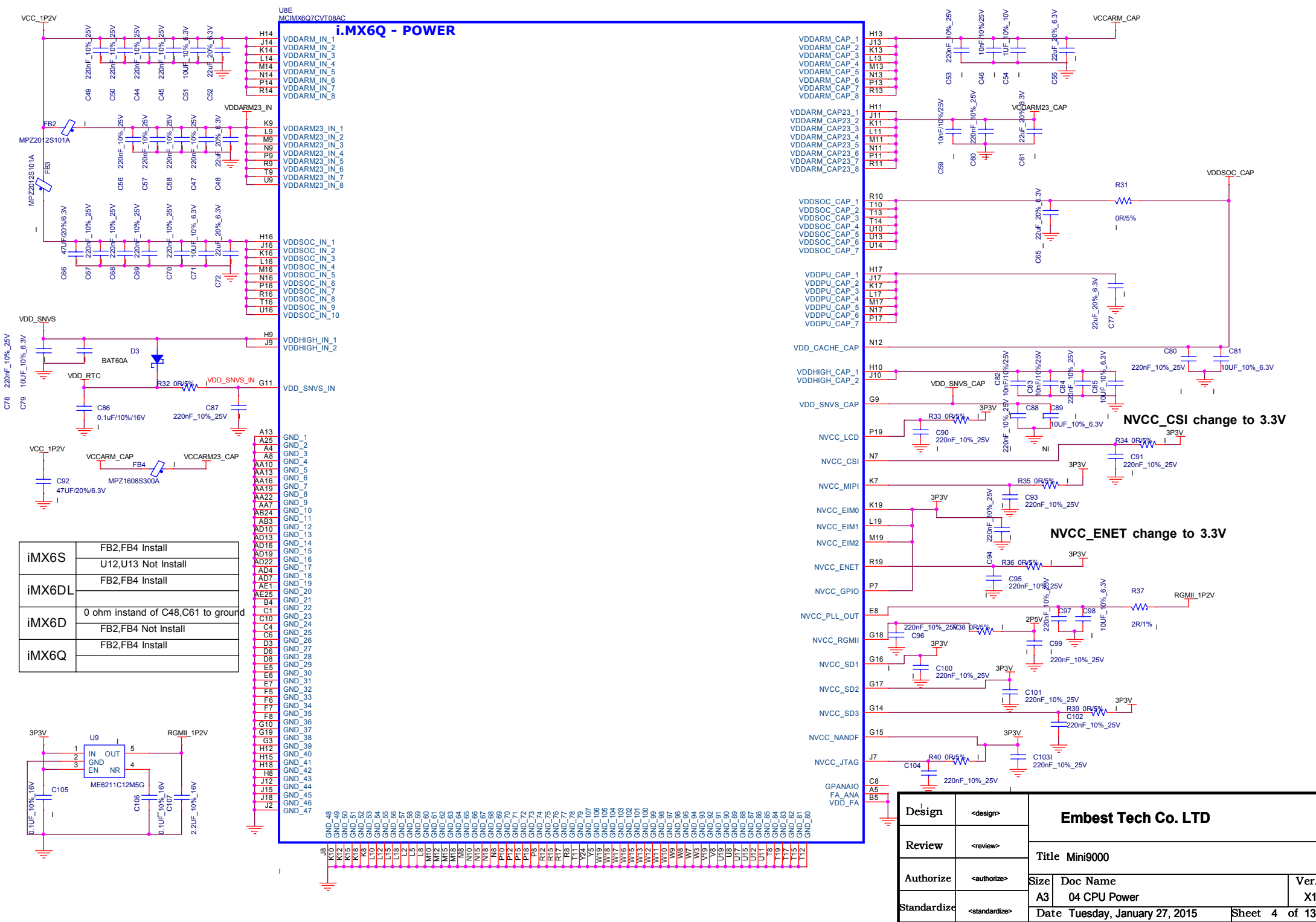
HW Monitor



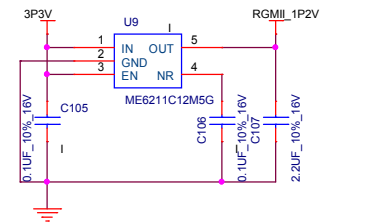
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Standardize	<standardize>	Size	Doc Name	Ver.
		A3	03 System Power	X1
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U8E
MCIMX6Q7CVT08AC

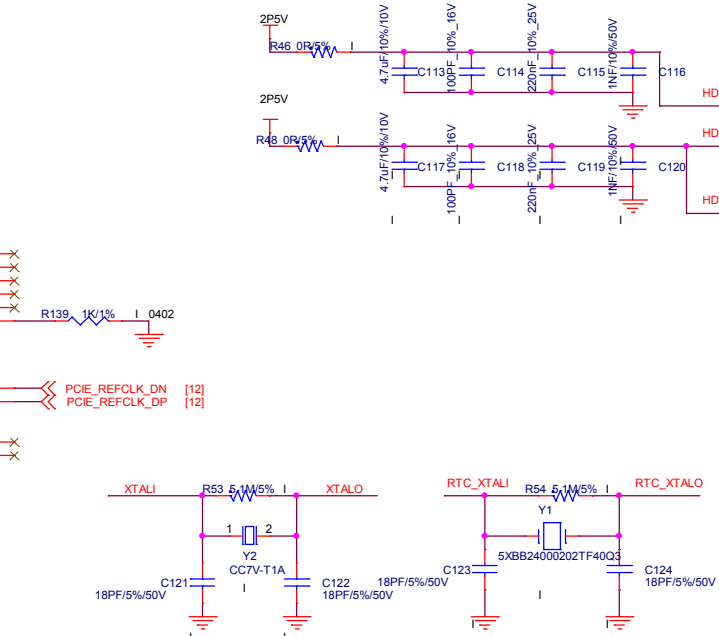
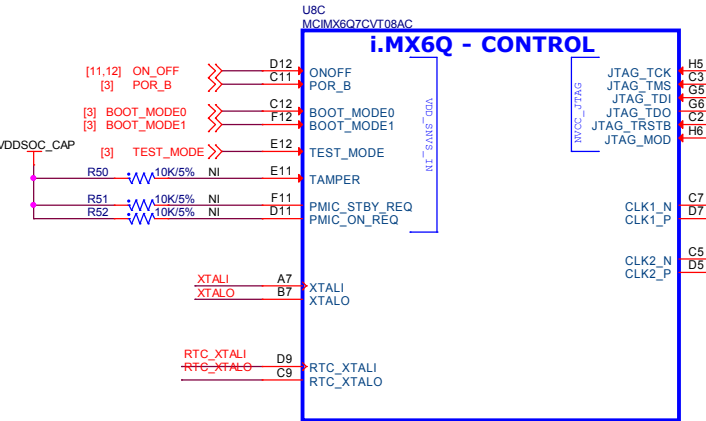
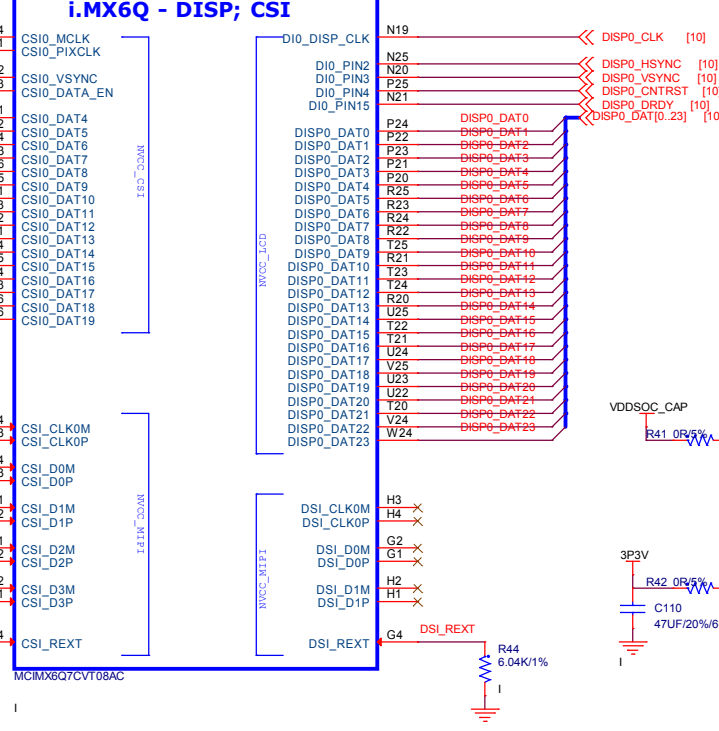
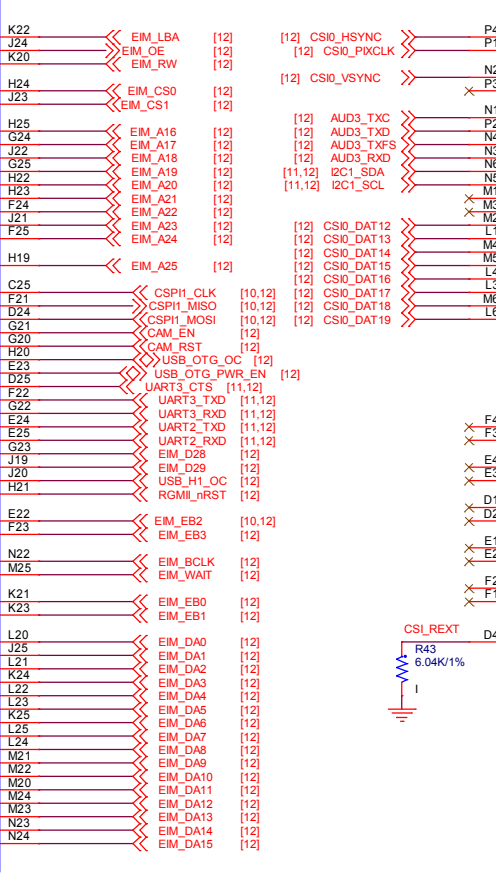
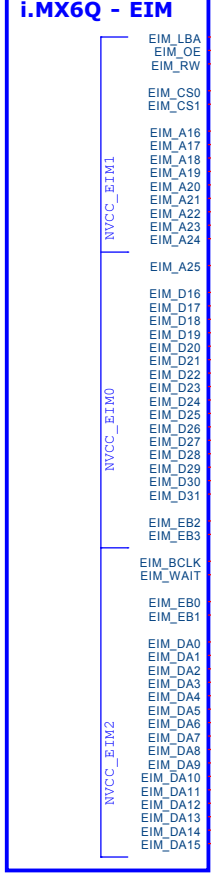
i.MX6Q - POWER



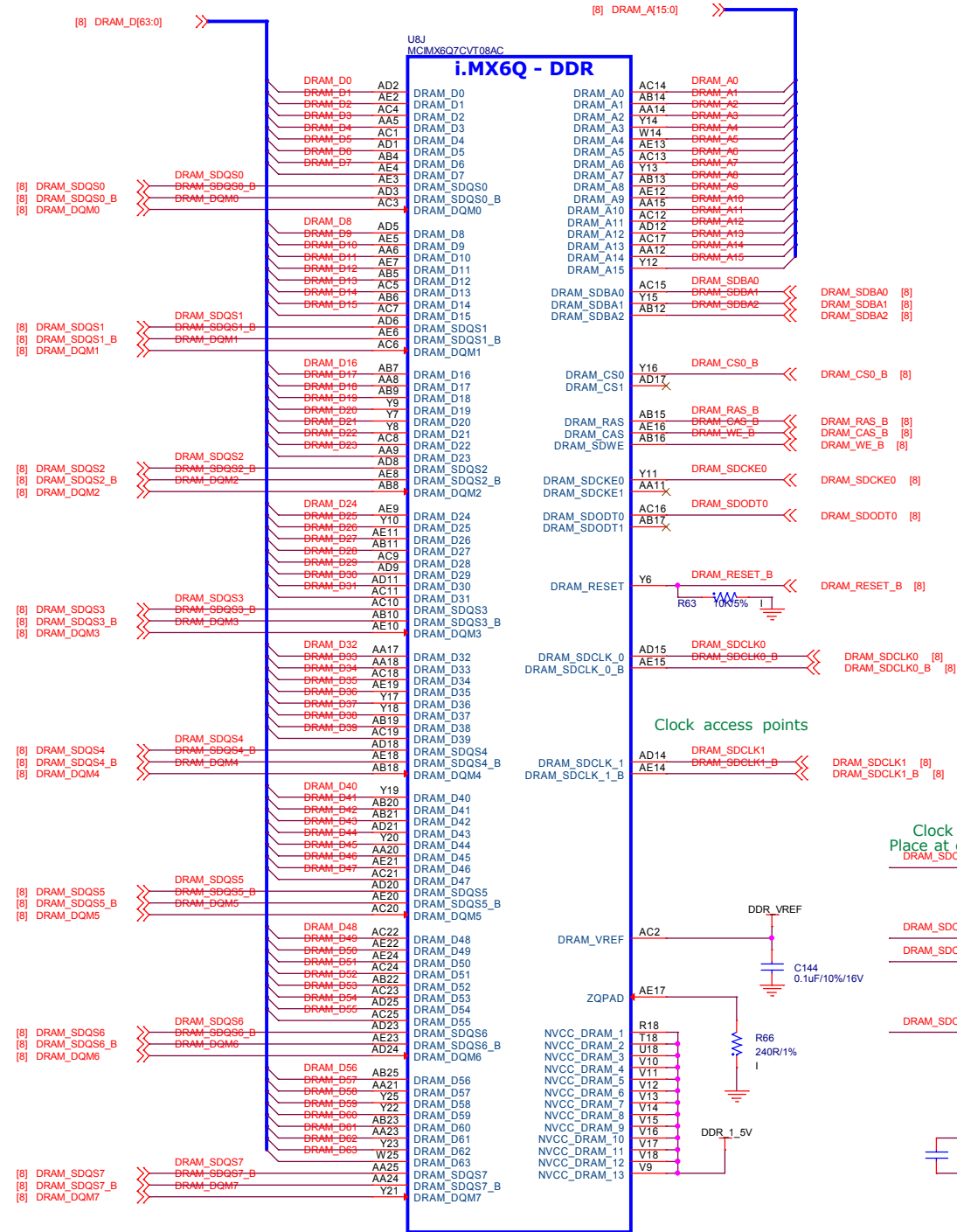
iMX6S	FB2,FB4 Install
	U12,U13 Not Install
iMX6DL	FB2,FB4 Install
iMX6D	0 ohm instand of C48,C61 to ground
	FB2,FB4 Not Install
iMX6Q	FB2,FB4 Install



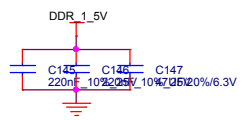
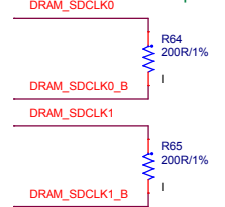
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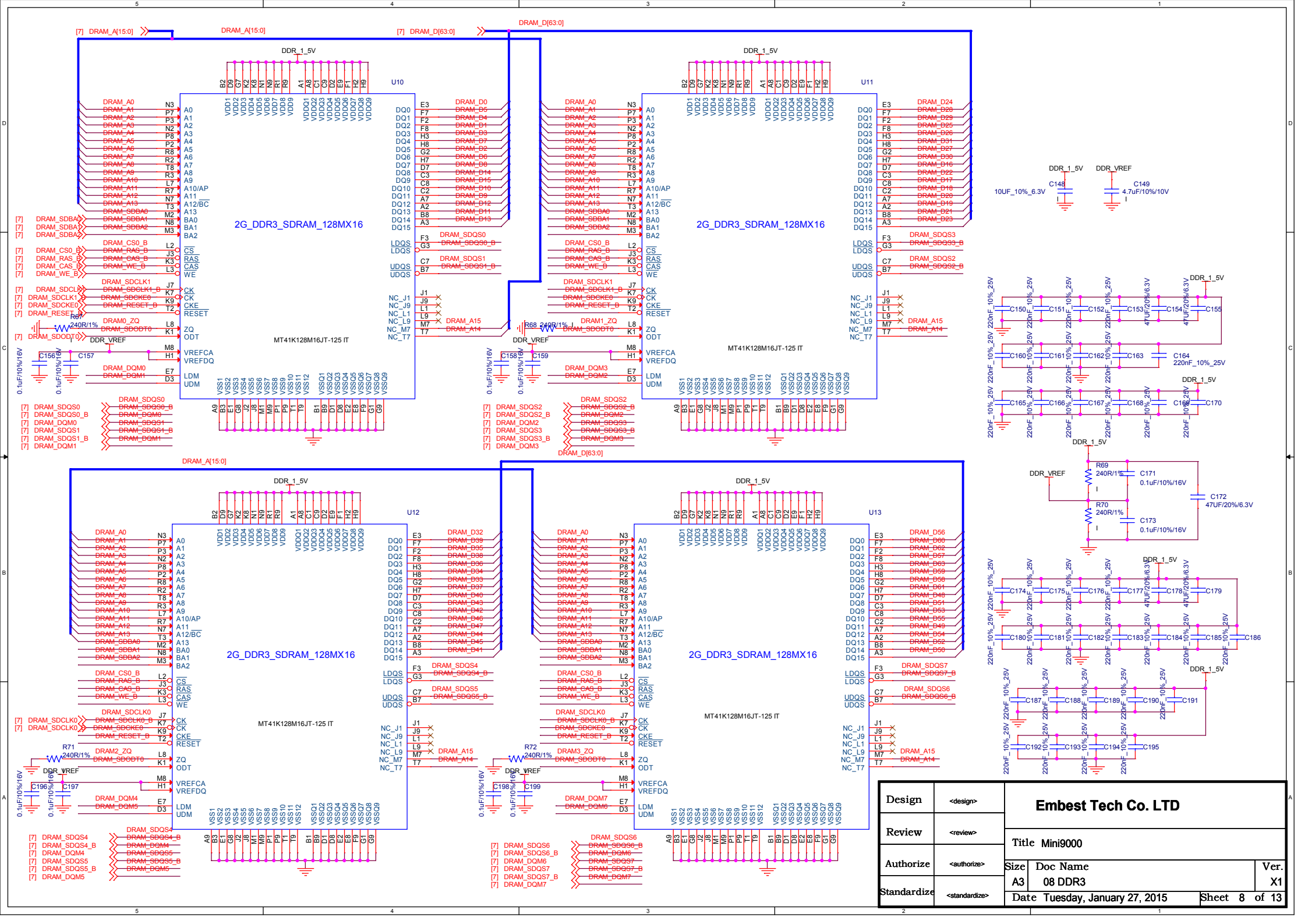
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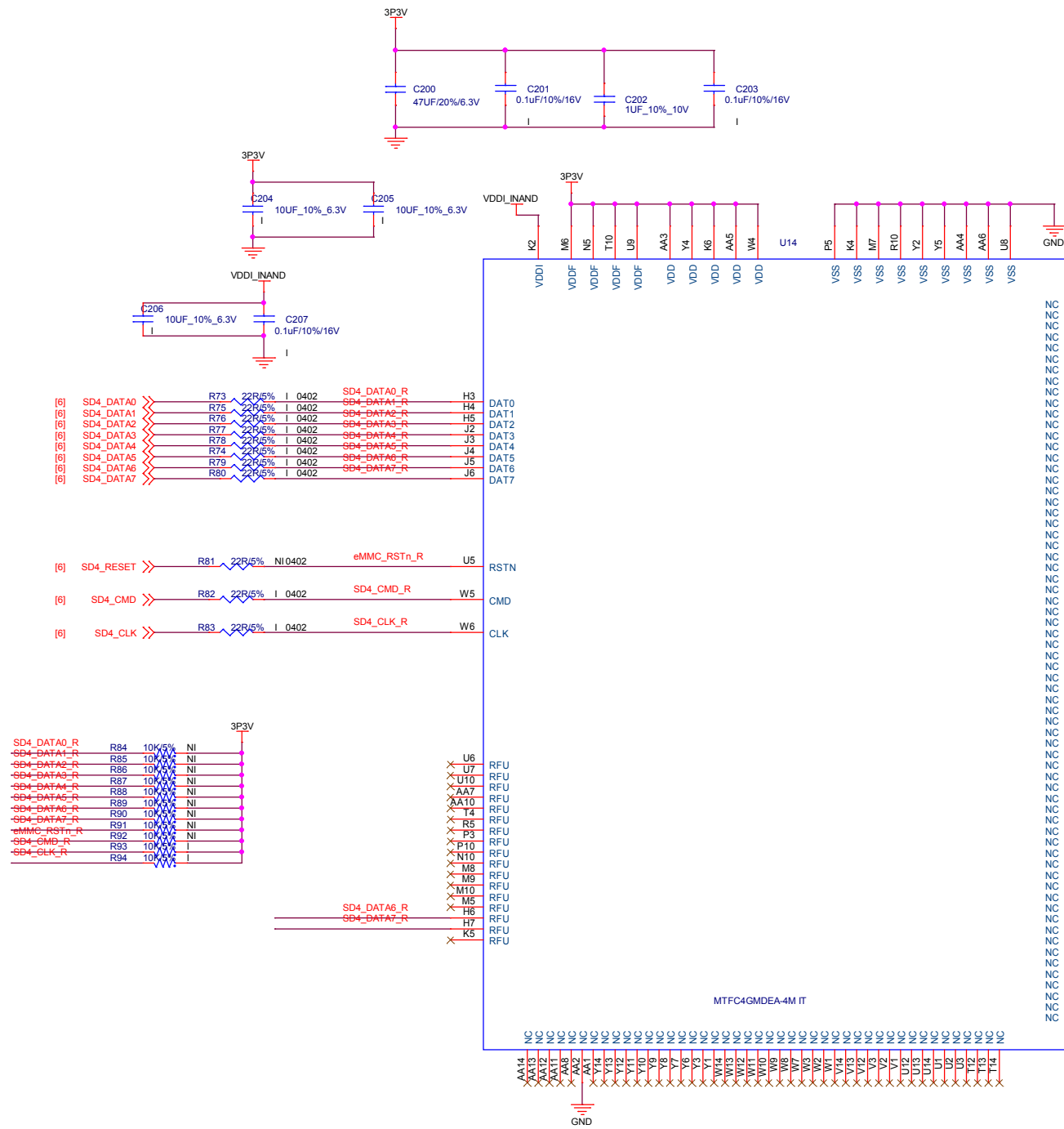
Clock terminators
Place at each DDR pair



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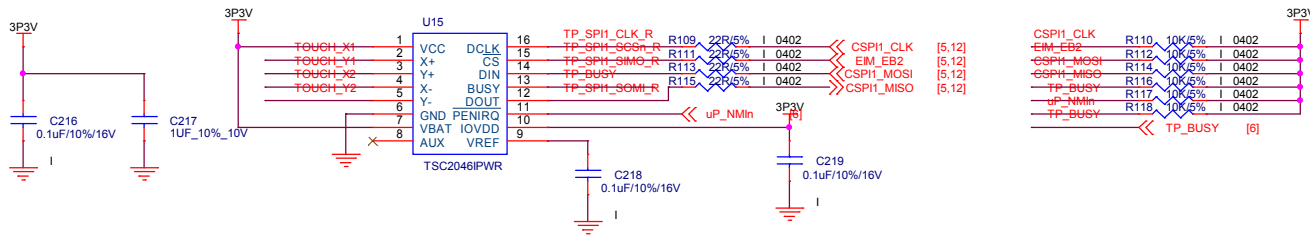
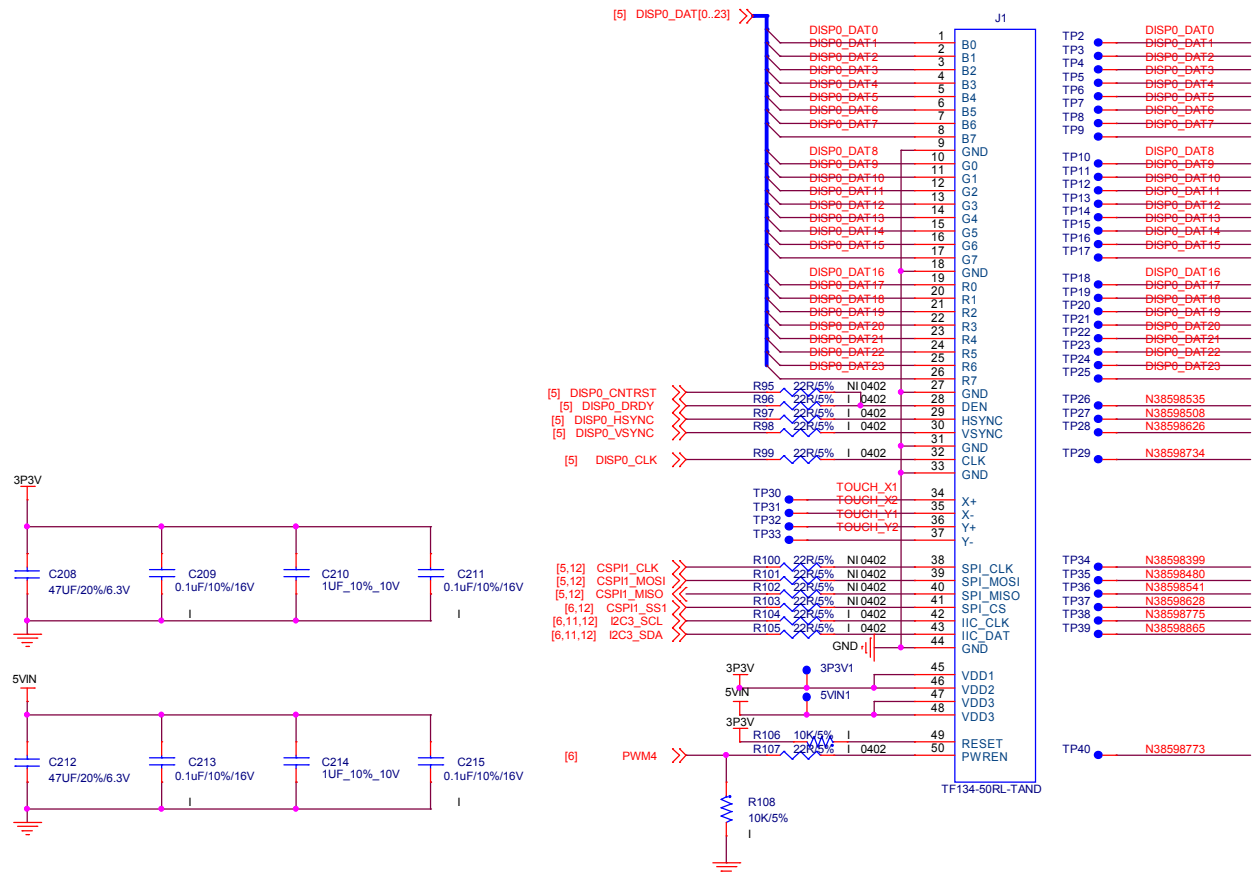


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				Ver.	X1

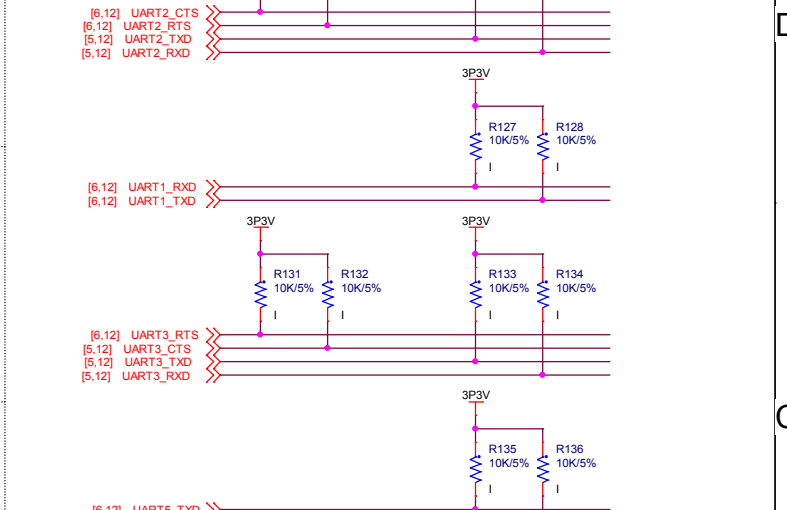
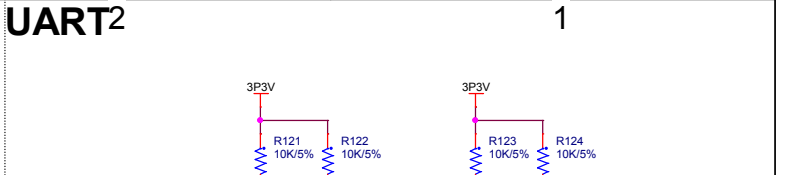
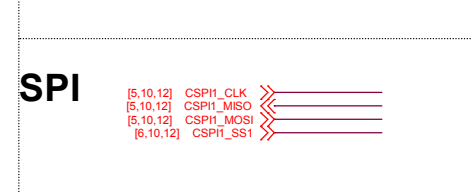
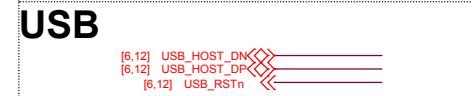
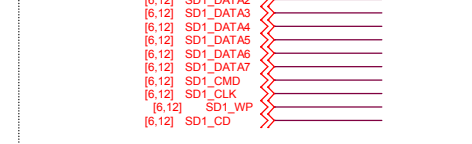
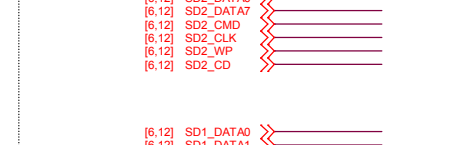
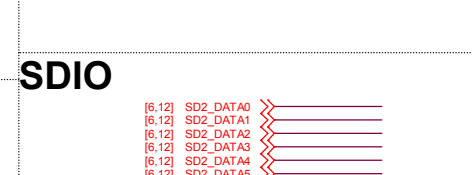
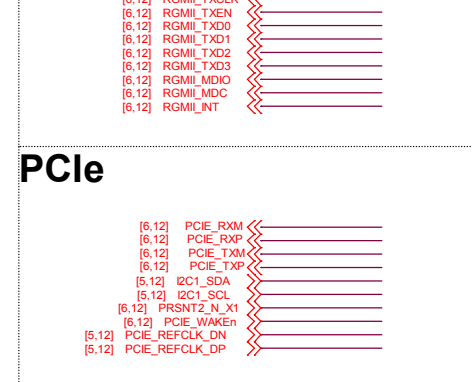
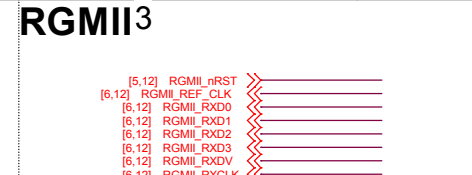
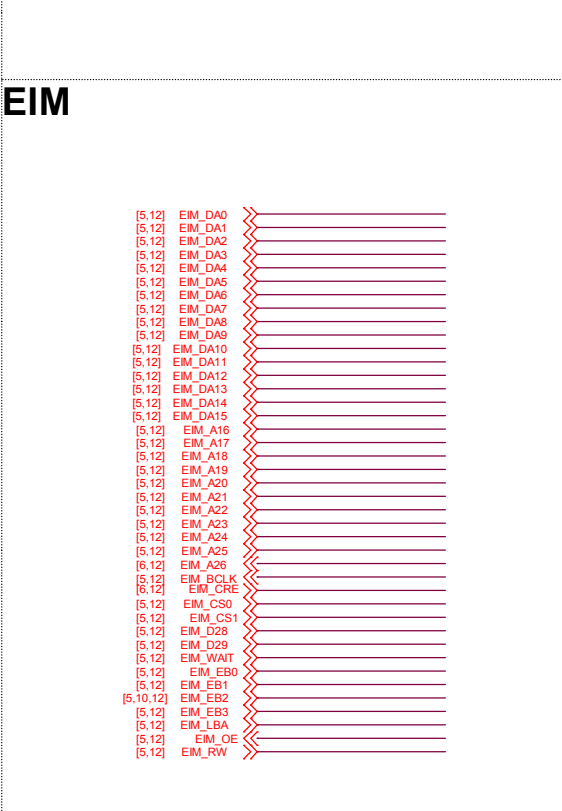
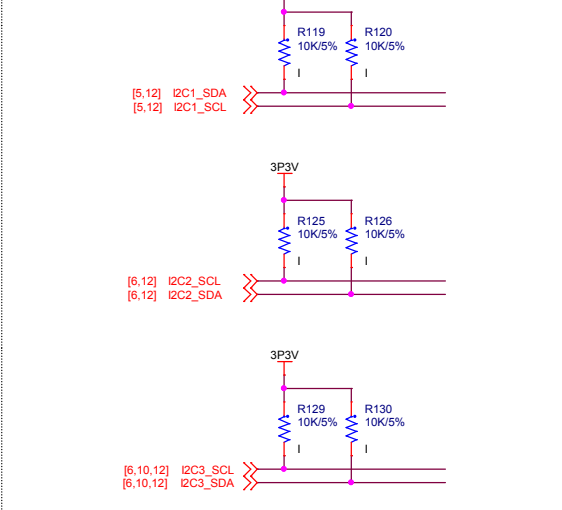
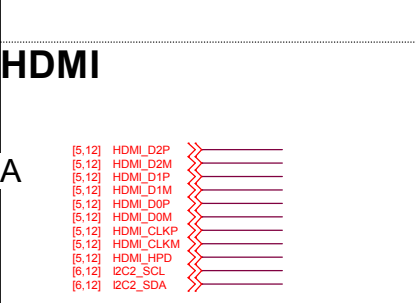
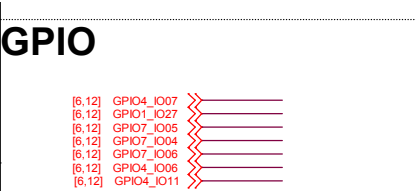
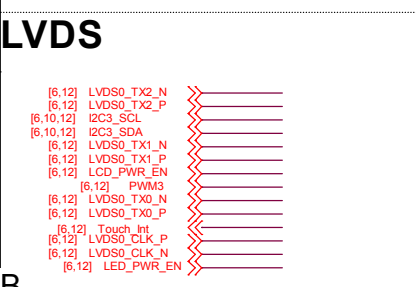
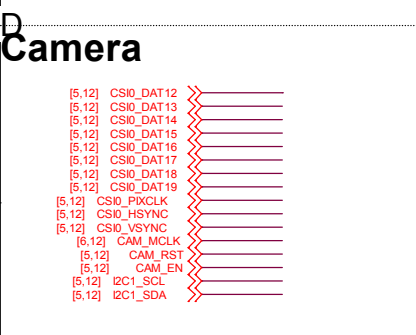
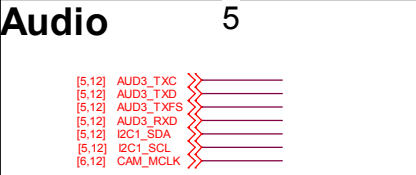


- NC D14
- NC D1
- NC B13
- NC B2
- NC A11
- NC A9
- NC A8
- NC A4
- NC H14
- NC H13
- NC H12
- NC H11
- NC H10
- NC H9
- NC H8
- NC H2
- NC H1
- NC J1
- NC J7
- NC J8
- NC J9
- NC J10
- NC J11
- NC J12
- NC J13
- NC J14
- NC K1
- NC K3
- NC K7
- NC K8
- NC K9
- NC K10
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- NC L4
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- NC L13
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- NC M1
- NC M2
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- NC P1
- NC P12
- NC P13
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- NC T1

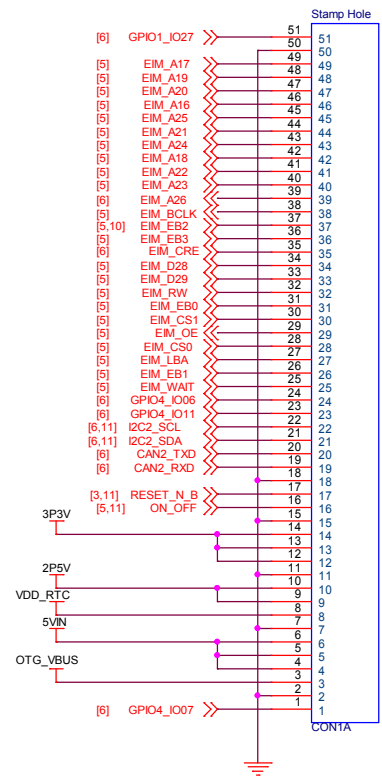
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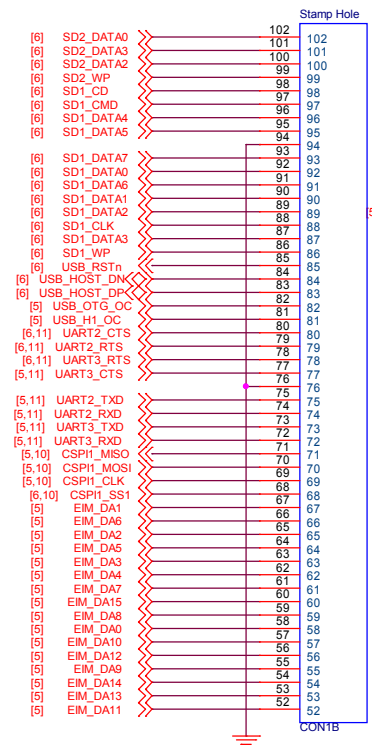
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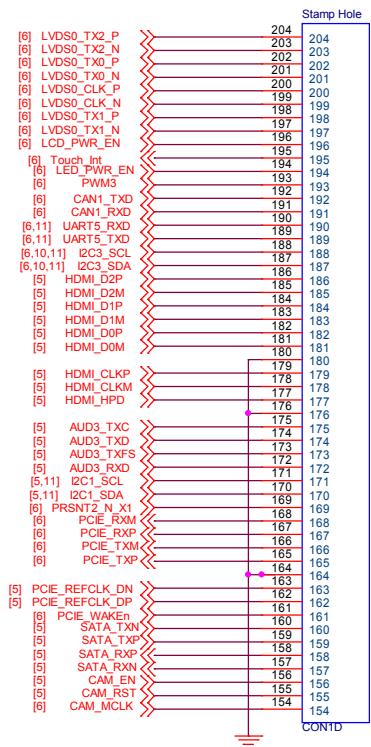
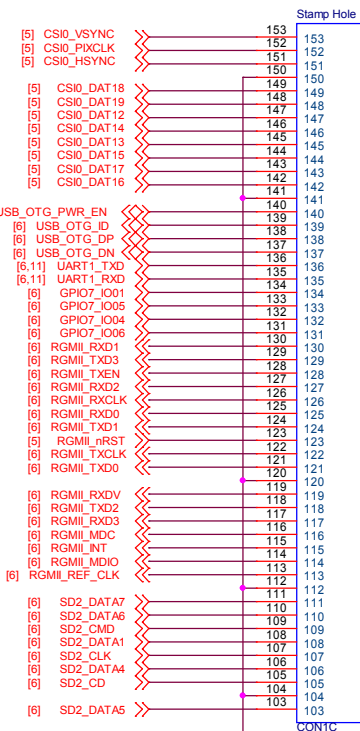
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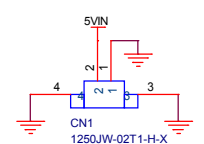
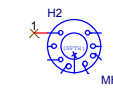
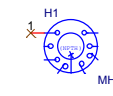
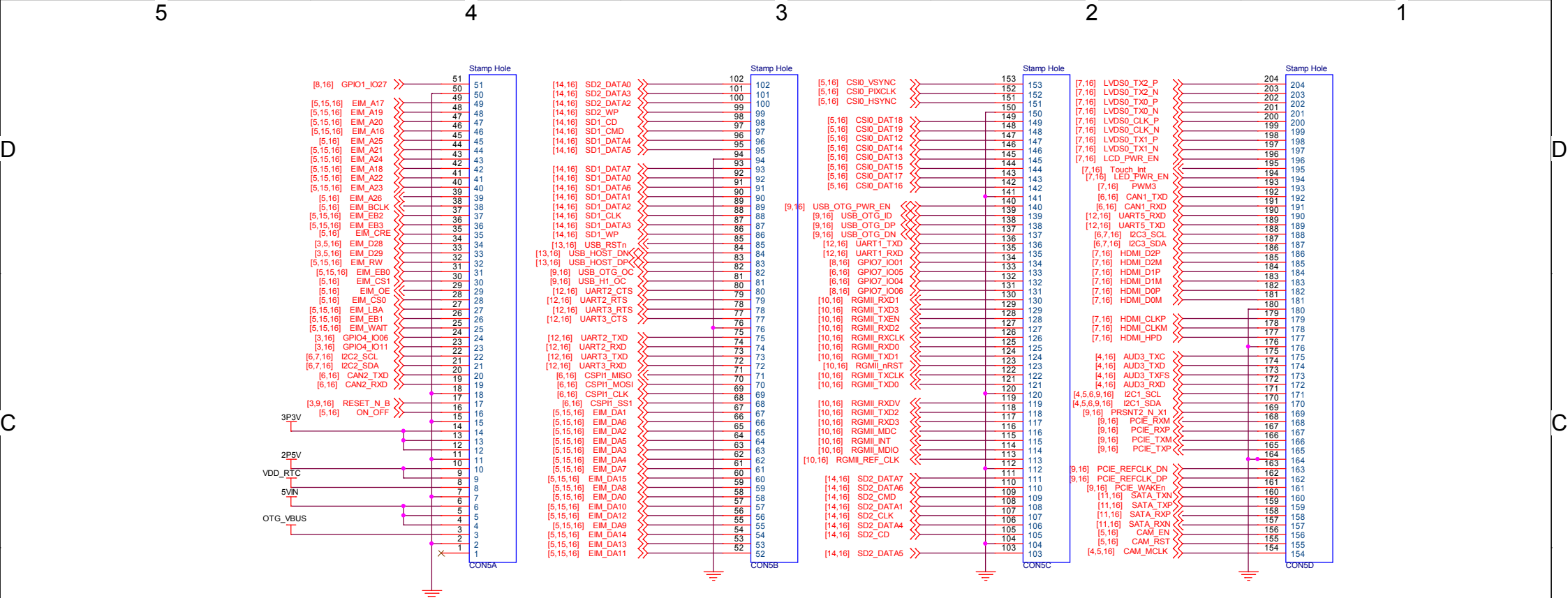
Fiducials



PCB



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