

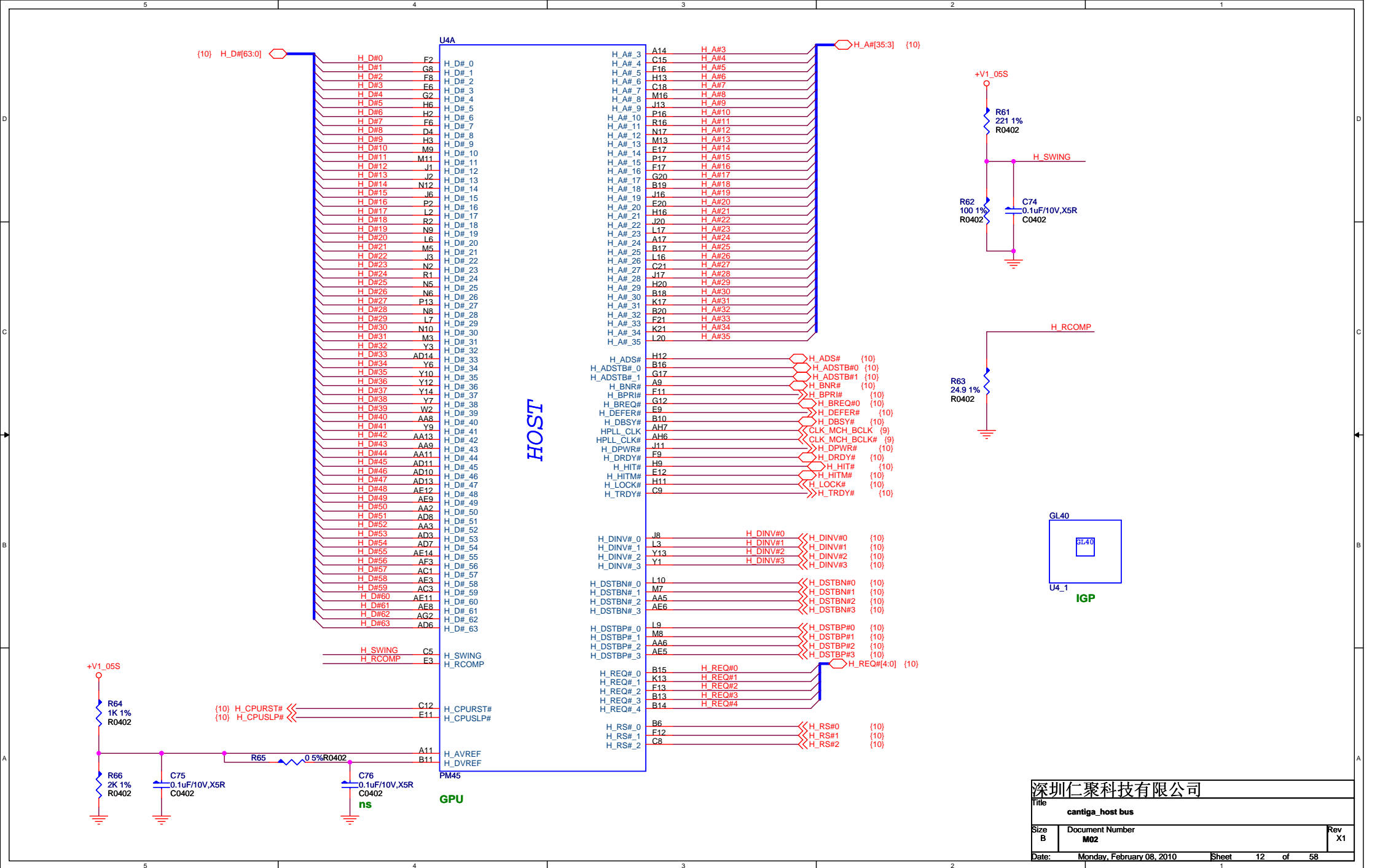
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A11	VCC[005]	VCC[072]	AC13
A12	VCC[006]	VCC[073]	AC15
A13	VCC[007]	VCC[074]	AC17
A14	VCC[008]	VCC[075]	AC17
A15	VCC[009]	VCC[076]	AC18
A16	VCC[010]	VCC[077]	AD7
A17	VCC[011]	VCC[078]	AD9
A18	VCC[012]	VCC[079]	AD10
B10	VCC[013]	VCC[080]	AD12
B11	VCC[014]	VCC[081]	AD14
B12	VCC[015]	VCC[082]	AD15
B13	VCC[016]	VCC[083]	AD17
B14	VCC[017]	VCC[084]	AD18
B15	VCC[018]	VCC[085]	AE9
B16	VCC[019]	VCC[086]	AE10
B17	VCC[020]	VCC[087]	AE12
B18	VCC[021]	VCC[088]	AE13
C10	VCC[022]	VCC[089]	AE15
C11	VCC[023]	VCC[090]	AE17
C12	VCC[024]	VCC[091]	AE20
C13	VCC[025]	VCC[092]	AE18
C14	VCC[026]	VCC[093]	AF9
C15	VCC[027]	VCC[094]	AF10
C16	VCC[028]	VCC[095]	AF12
C17	VCC[029]	VCC[096]	AF14
C18	VCC[030]	VCC[097]	AF15
C19	VCC[031]	VCC[098]	AF17
C20	VCC[032]	VCC[099]	AF18
C21	VCC[033]	VCC[100]	AF20
C22	VCC[034]	VCC[101]	G21
C23	VCC[035]	VCC[102]	J6
C24	VCC[036]	VCC[103]	K6
C25	VCC[037]	VCC[104]	M6
C26	VCC[038]	VCC[105]	M6
C27	VCC[039]	VCC[106]	J21
C28	VCC[040]	VCC[107]	K21
C29	VCC[041]	VCC[108]	M21
C30	VCC[042]	VCC[109]	N21
C31	VCC[043]	VCC[110]	N6
C32	VCC[044]	VCC[111]	R21
C33	VCC[045]	VCC[112]	R6
C34	VCC[046]	VCC[113]	T21
C35	VCC[047]	VCC[114]	T6
C36	VCC[048]	VCC[115]	V21
C37	VCC[049]	VCC[116]	W21
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C40	VCC[052]	VCC[119]	C26
C41	VCC[053]	VCC[120]	C26
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C53	VCC[065]	VCC[132]	C26
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C96	VCC[108]	VCC[175]	C26
C97	VCC[109]	VCC[176]	C26
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C99	VCC[111]	VCC[178]	C26
C100	VCC[112]	VCC[179]	C26

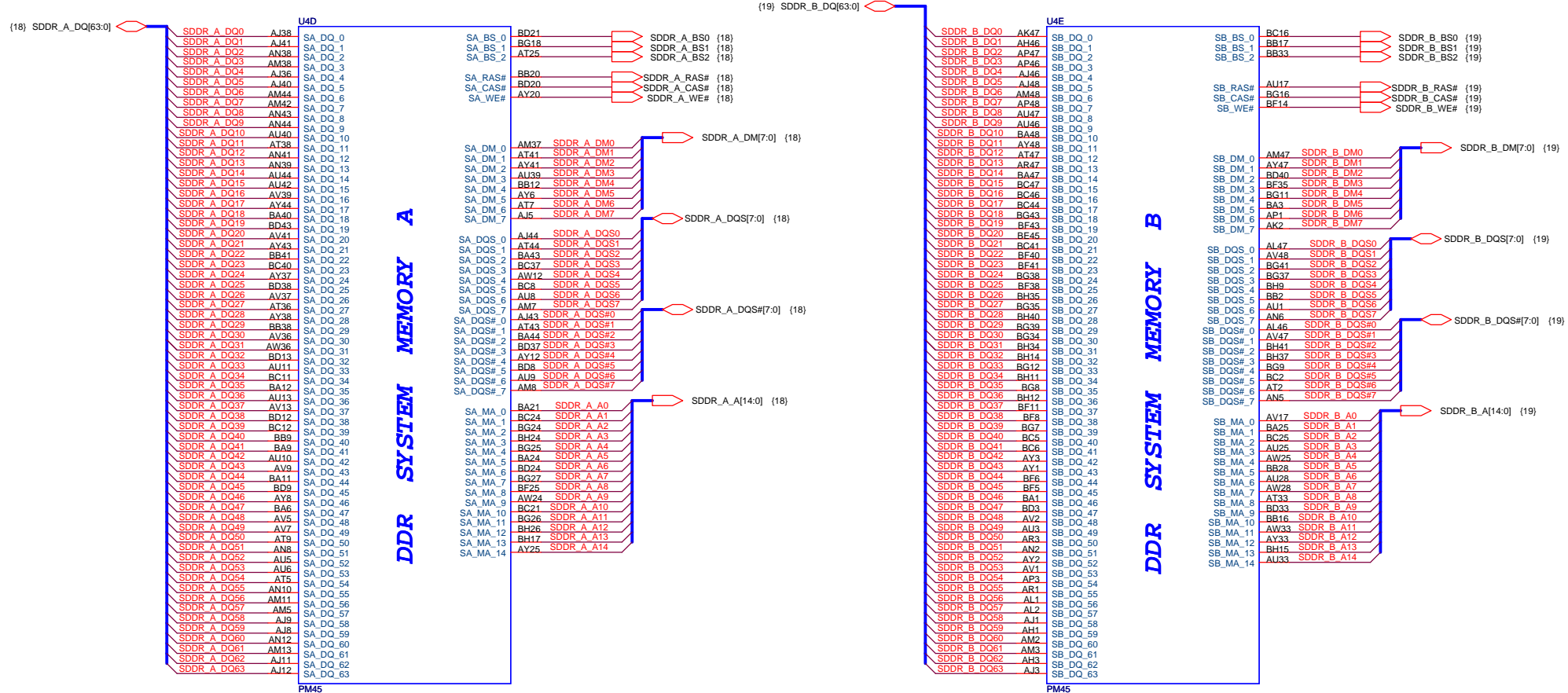
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AA17	VCC[011]	VCC[078]	AD9
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AA20	VCC[014]	VCC[081]	AD14
AA21	VCC[015]	VCC[082]	AD15
AA22	VCC[016]	VCC[083]	AD17
AA23	VCC[017]	VCC[084]	AD18
AA24	VCC[018]	VCC[085]	AE9
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AA26	VCC[020]	VCC[087]	AE12
AA27	VCC[021]	VCC[088]	AE13
AA28	VCC[022]	VCC[089]	AE15
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AA38	VCC[032]	VCC[099]	AF18
AA39	VCC[033]	VCC[100]	AF20
AA40	VCC[034]	VCC[101]	G21
AA41	VCC[035]	VCC[102]	J6
AA42	VCC[036]	VCC[103]	K6
AA43	VCC[037]	VCC[104]	M6
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AA50	VCC[044]	VCC[111]	R21
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AA56	VCC[050]	VCC[117]	B26
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AA112	VCC[106]	VCC[173]	C26
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AA115	VCC[109]	VCC[176]	C26
AA116	VCC[110]	VCC[177]	C26
AA117	VCC[111]	VCC[178]	C26
AA118	VCC[112]	VCC[179]	C26
AA119	VCC[113]	VCC[180]	C26
AA120	VCC[114]	VCC[181]	C26

The schematic illustrates the power supply decoupling for a core. It features several capacitors (C48, C49, C53, C54, C55, C71, C73) and a resistor (R58) connected to a +VCC_CORE supply and ground (GND). A voltage divider is connected to V1_SS, and the circuit is tied to GND. Labels include +VCC_CORE, X5R, R0603, R0402, and VCCSENSE/VSSSENSE.

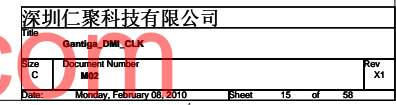
Key components and connections:

- Capacitors:** C48, C49, C53, C54, C55, C71, C73 (all 10uF/6.3V, X5R, C0805).
- Resistor:** R58 (R0603).
- Supply:** +VCC_CORE.
- Ground:** GND.
- Other Labels:** X5R, R0603, R0402, V1_SS, 0.5%, VCCSENSE, VSSSENSE.

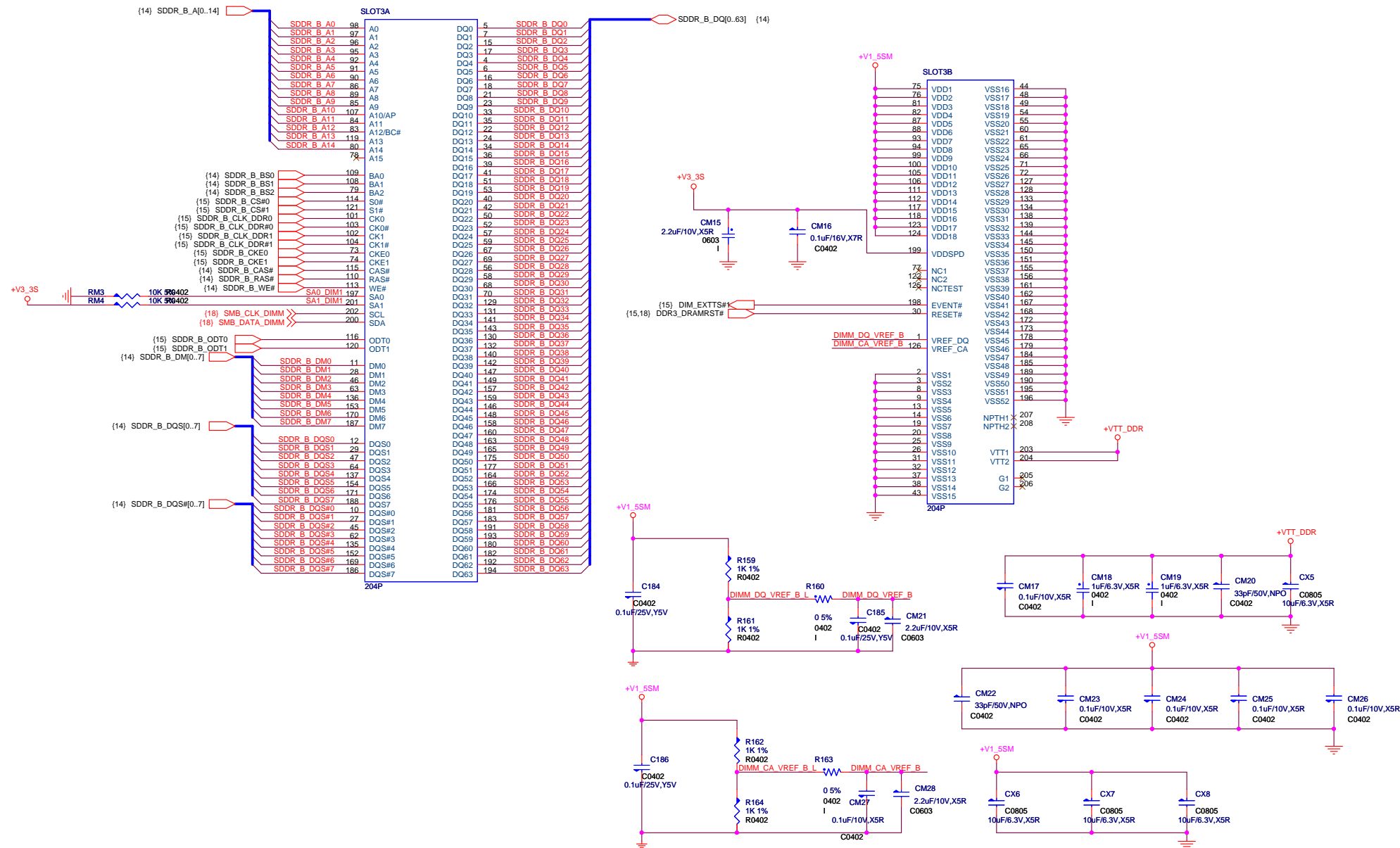


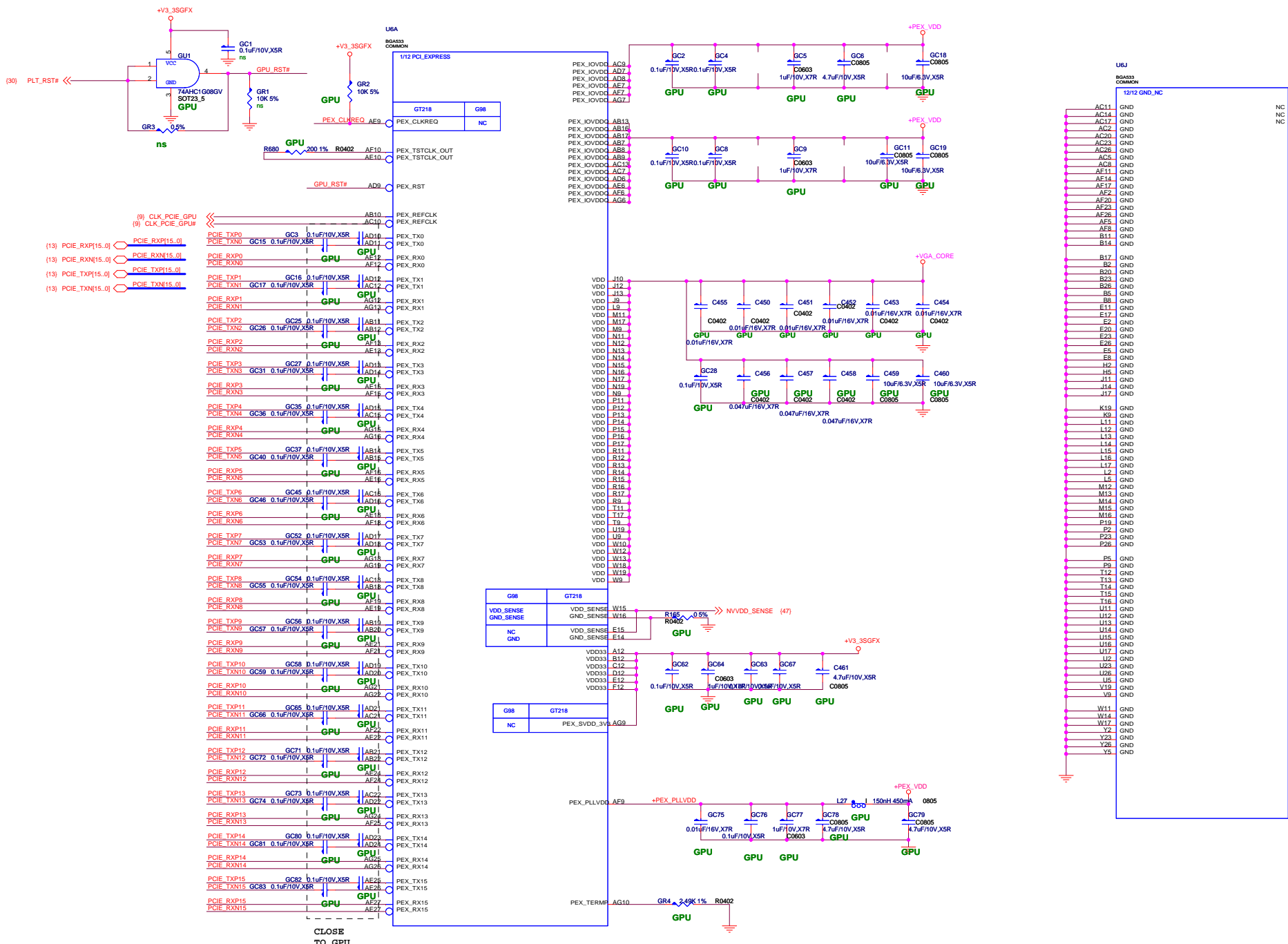


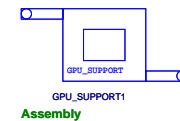
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Date:	Tuesday, February 02, 2010	Sheet 14 of 58

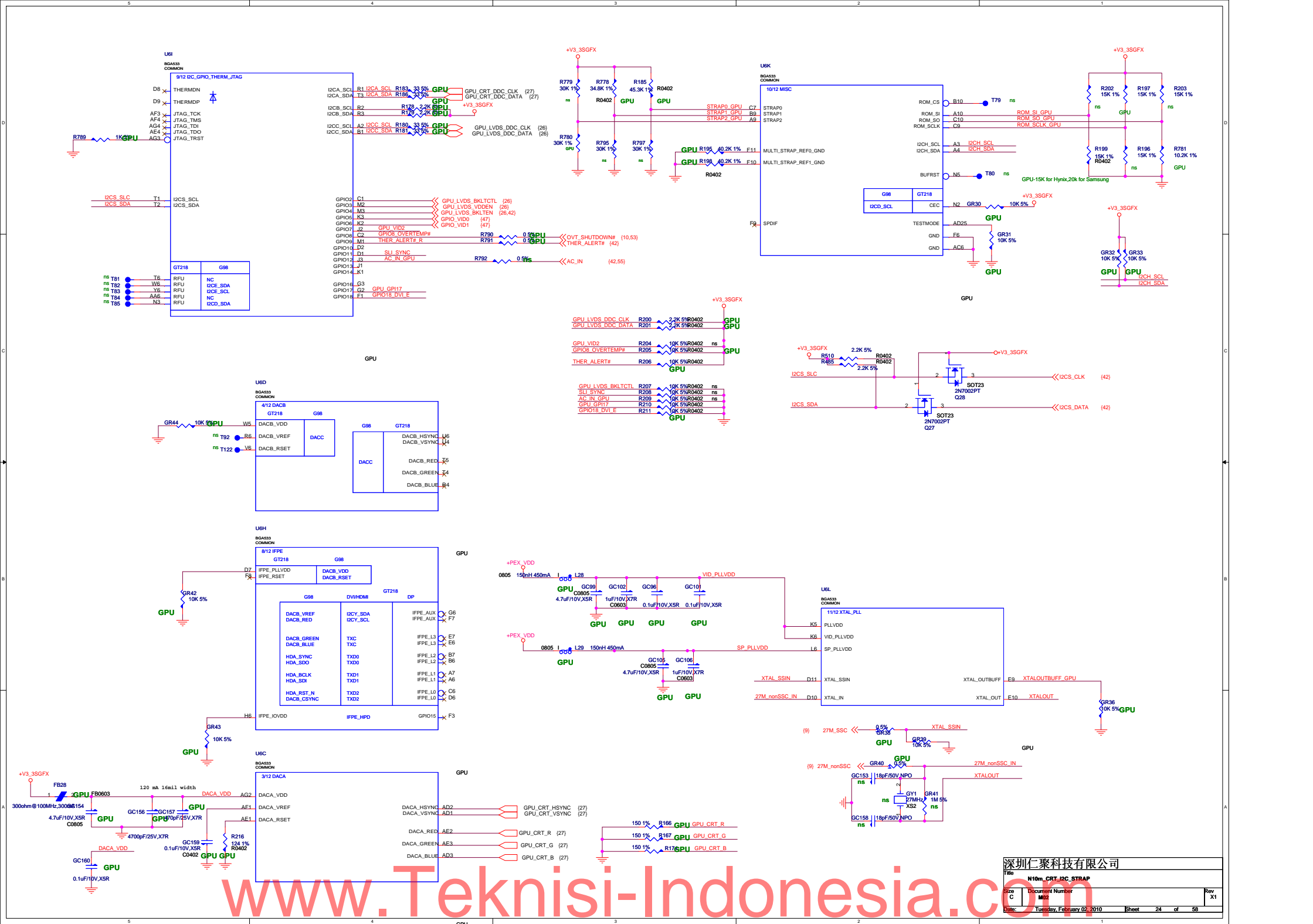




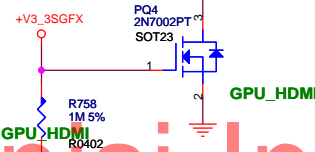
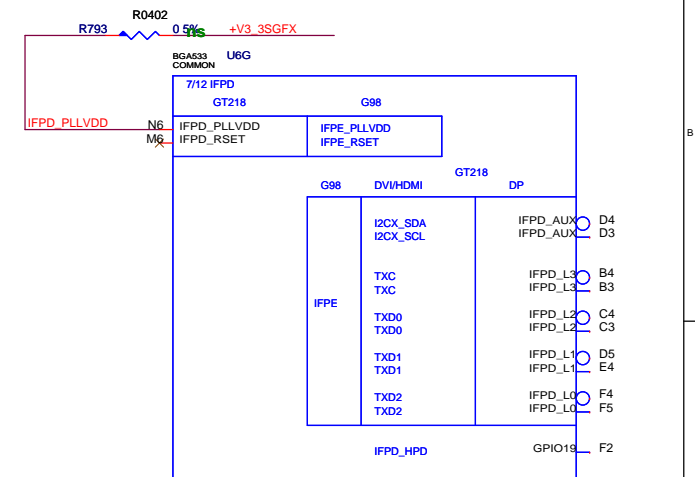
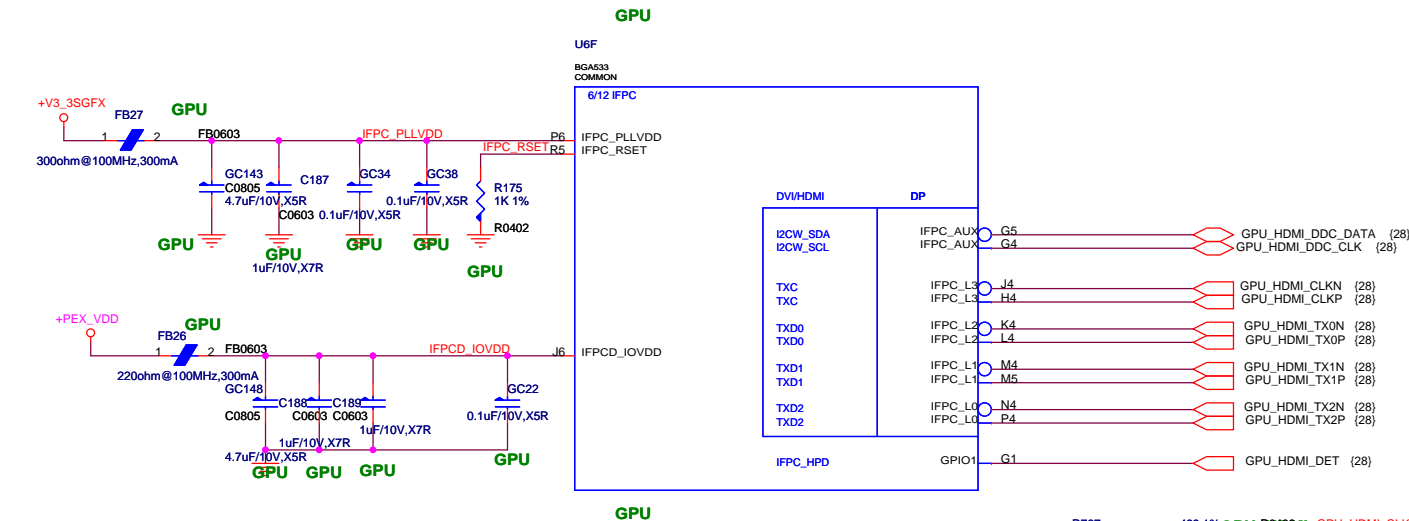
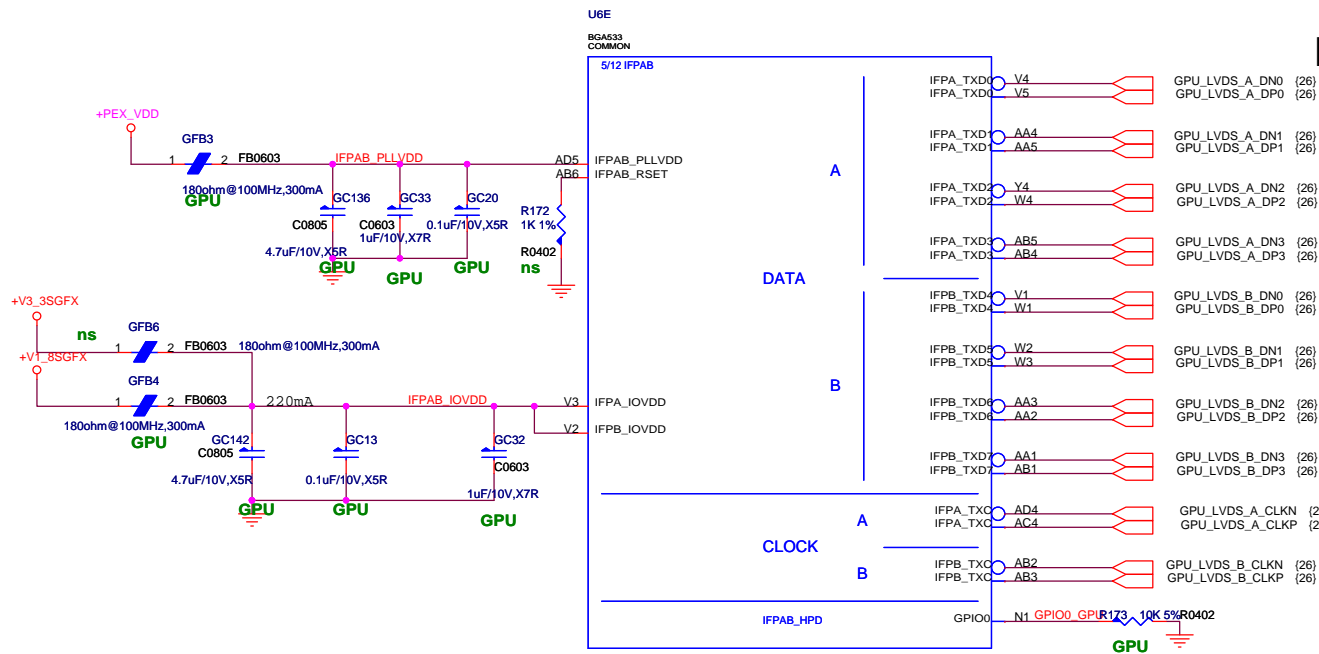


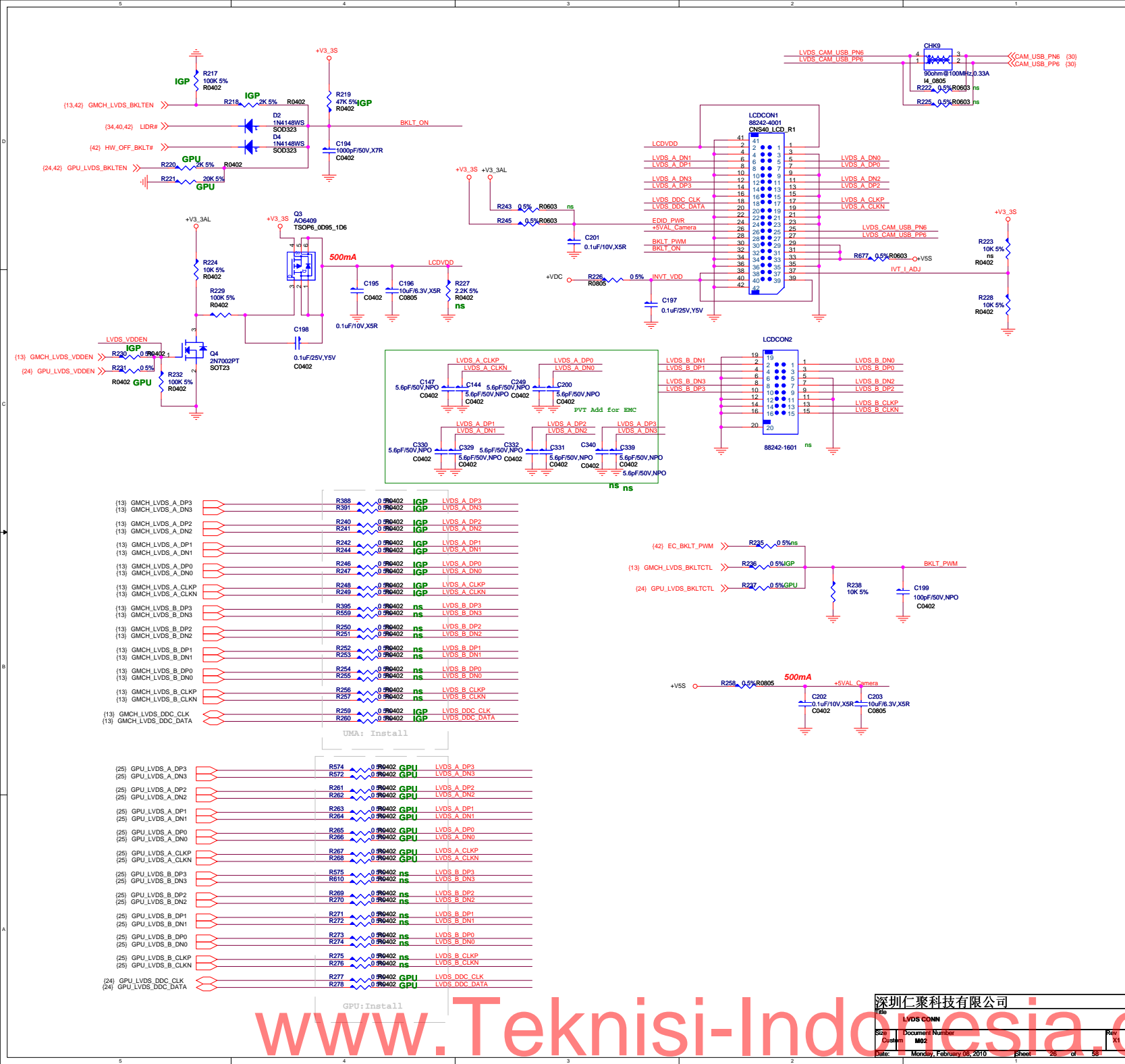


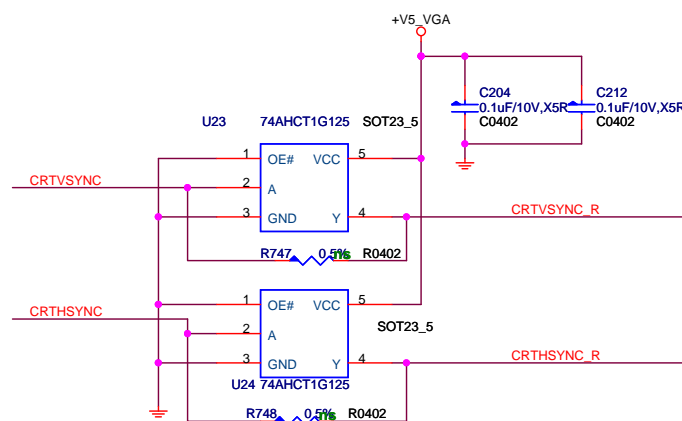
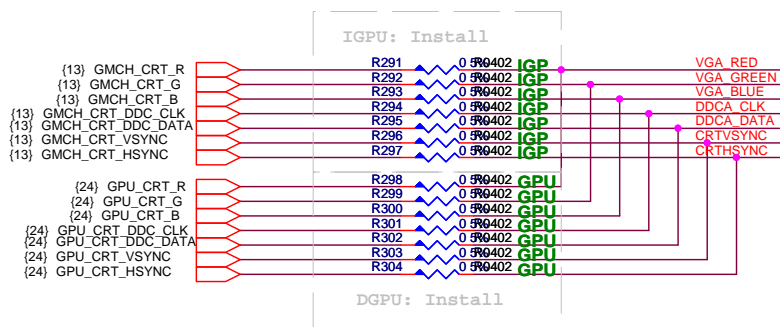
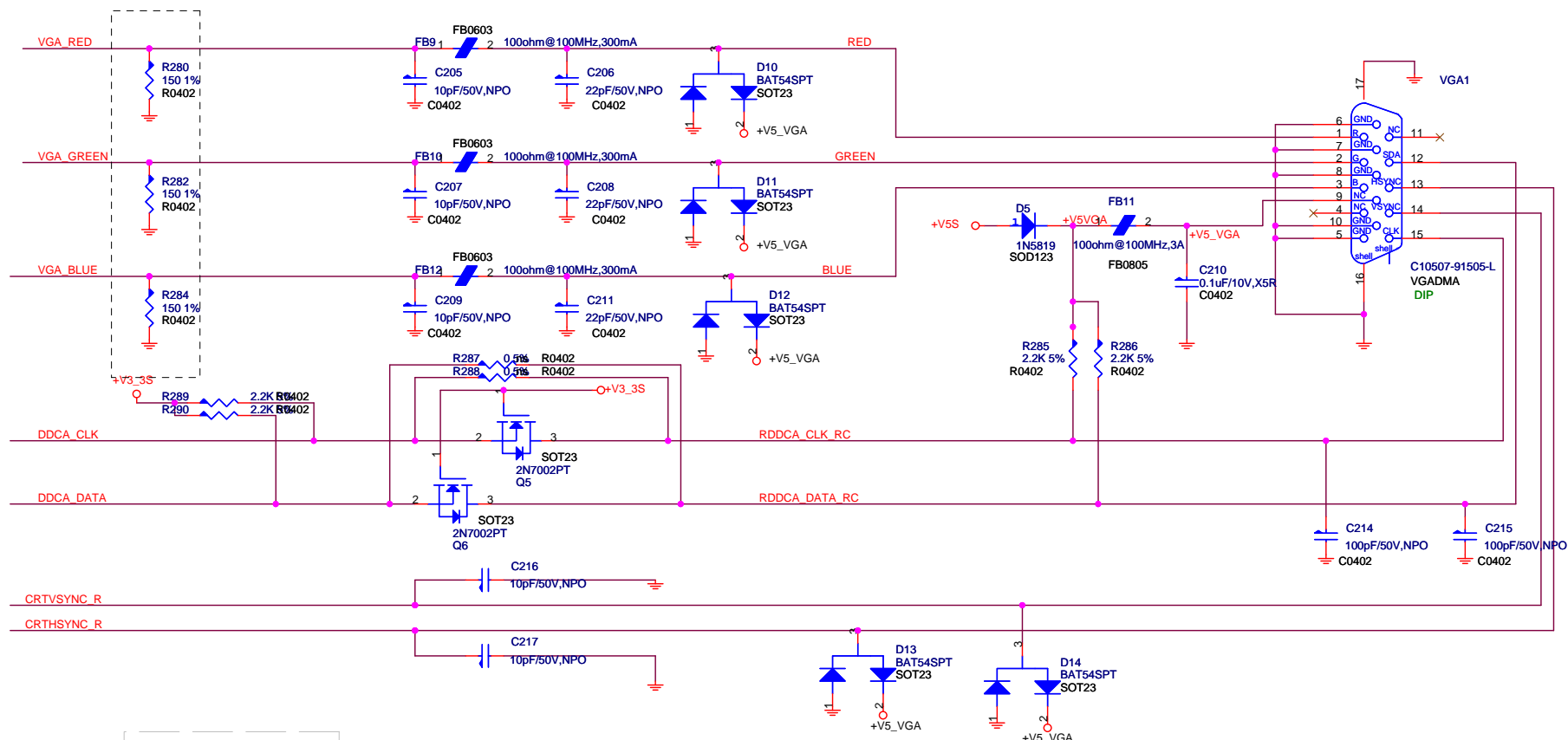




LVDS DUAL LINK OUTPUT IFP_A/B

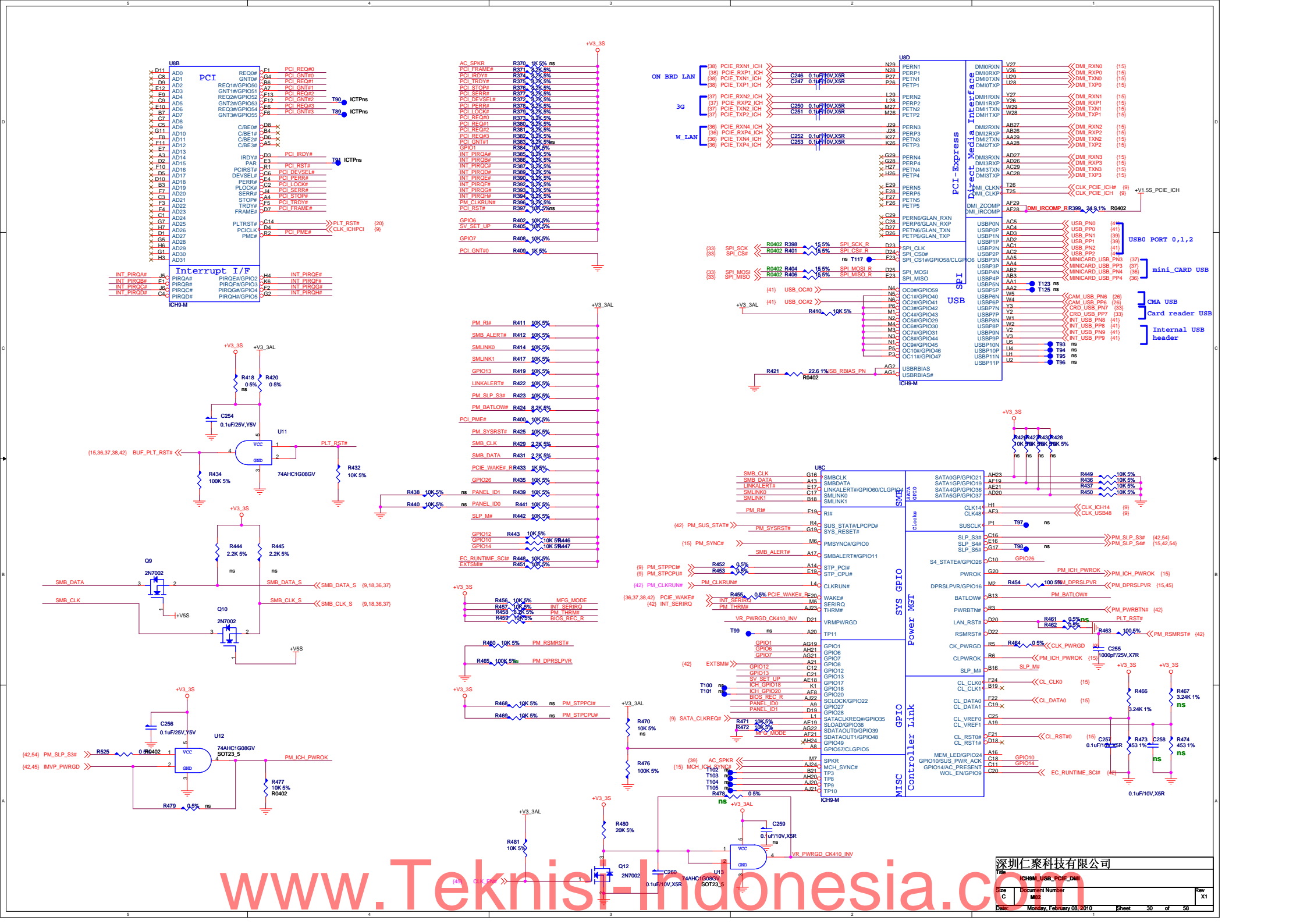






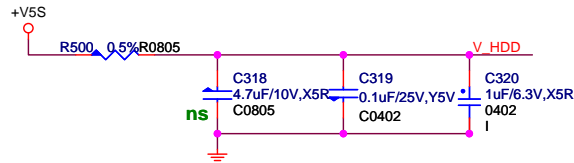
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Date:	Monday, February 08, 2010	Sheet	27 of 58





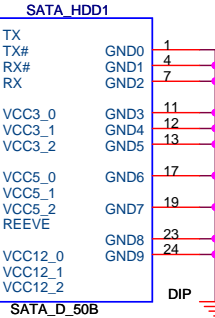
SATA HDD CONN



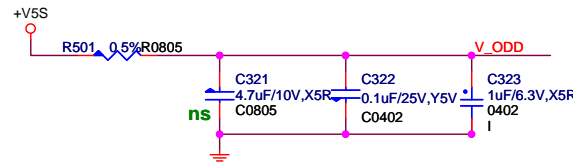
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(29) SATA_RXN0 >> CH3
(29) SATA_RXP0 >> CH4

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0.01uF/16V,X7R C0402
0.01uF/16V,X7R C0402
0.01uF/16V,X7R C0402

SATA_TXP0_C
SATA_TXN0_C
SATA_RXN0_C
SATA_RXP0_C



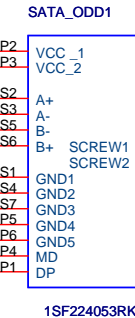
SATA_HDD1和SATA_HDD2 Co-Layout



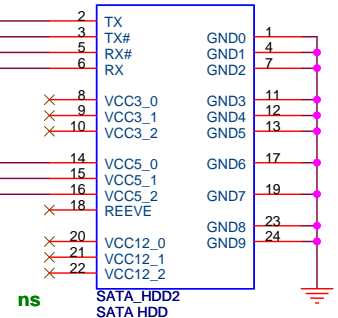
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(29) SATA_RXN1 >> CH7
(29) SATA_RXP1 >> CH8

0.01uF/16V,X7R C0402
0.01uF/16V,X7R C0402
0.01uF/16V,X7R C0402
0.01uF/16V,X7R C0402

SATA_TXP1_C
SATA_TXN1_C
SATA_RXN1_C
SATA_RXP1_C



SATA_TXP0_C
SATA_TXN0_C
SATA_RXN0_C
SATA_RXP0_C



SATA ODD CONN

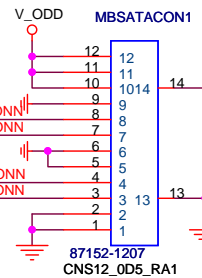
these cap need place together



(29) SATA_TXP1 >> CH13
(29) SATA_TXN1 >> CH14
(29) SATA_RXN1 >> CH15
(29) SATA_RXP1 >> CH16

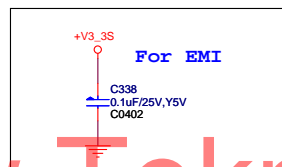
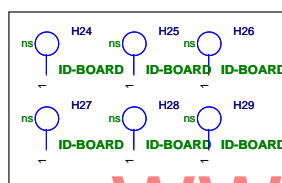
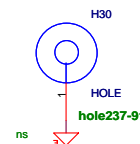
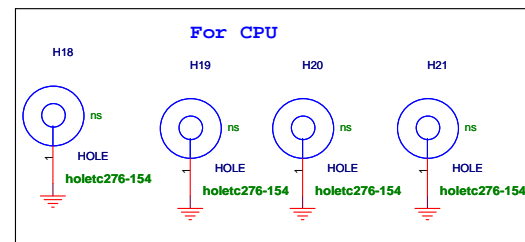
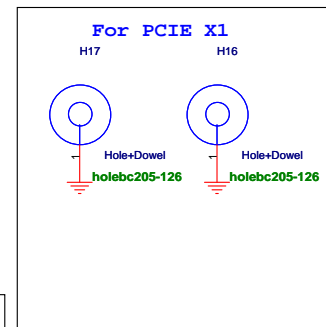
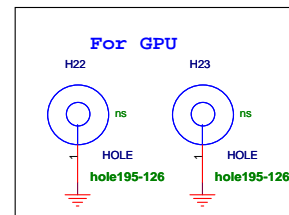
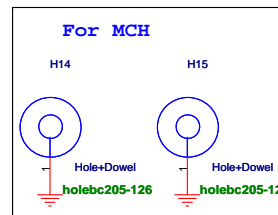
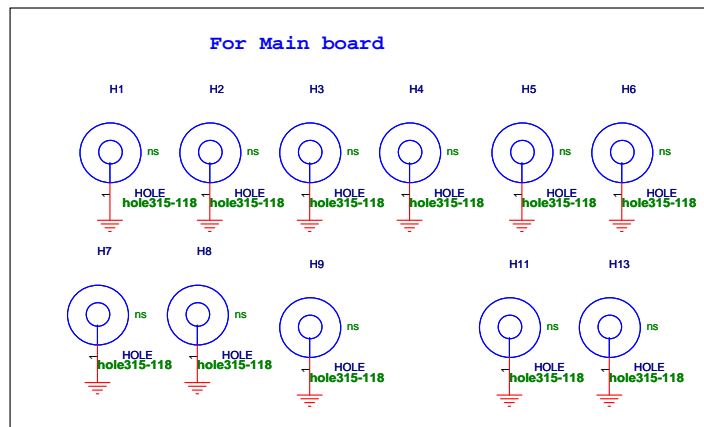
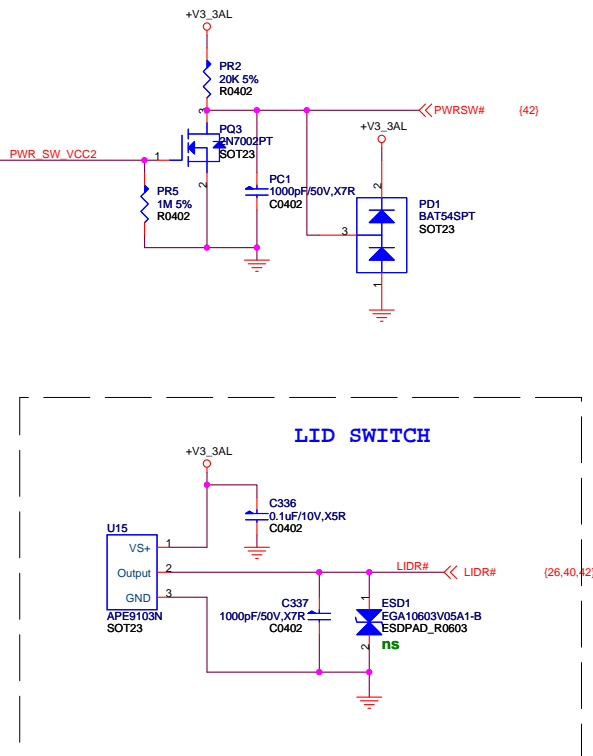
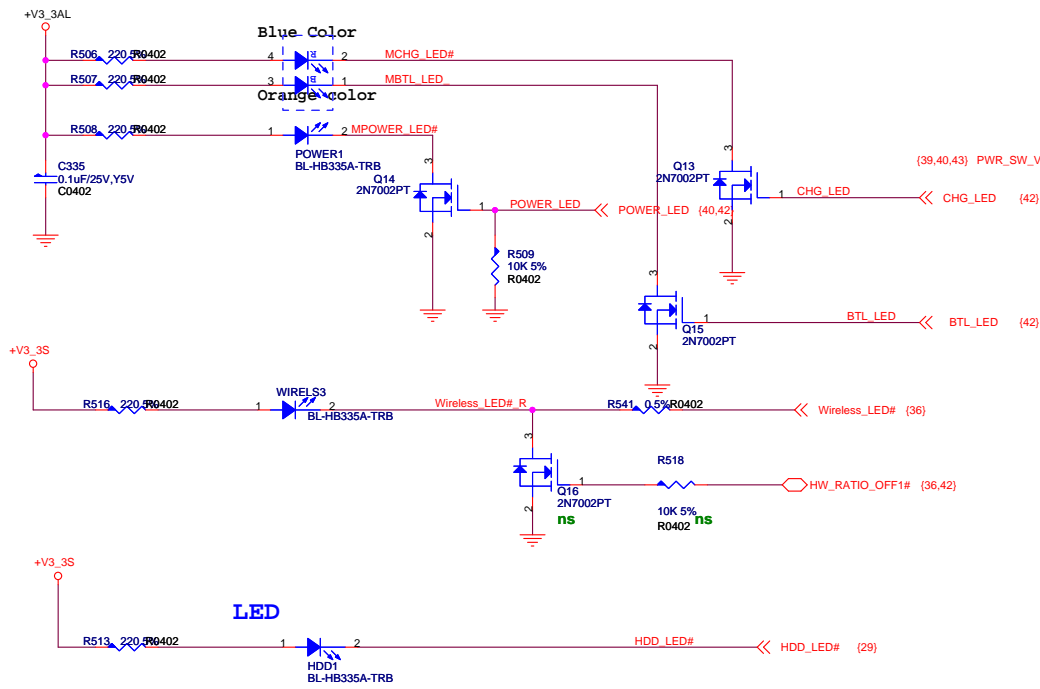
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0.01uF/16V,X7R C0402
0.01uF/16V,X7R C0402

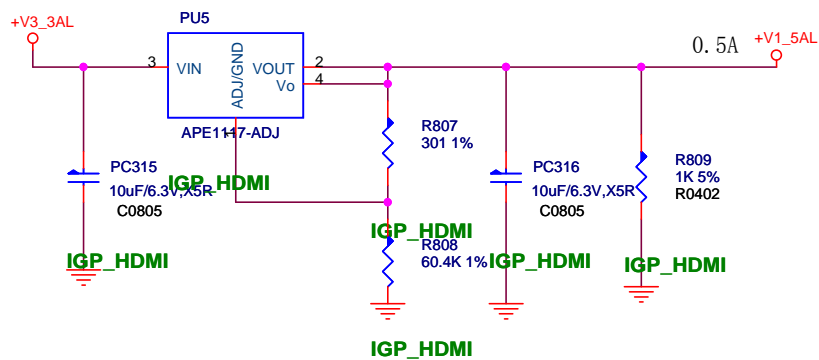
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SATA_RXP1_CONN



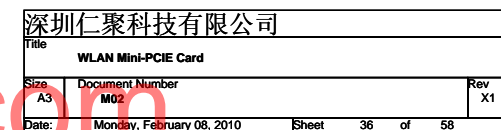
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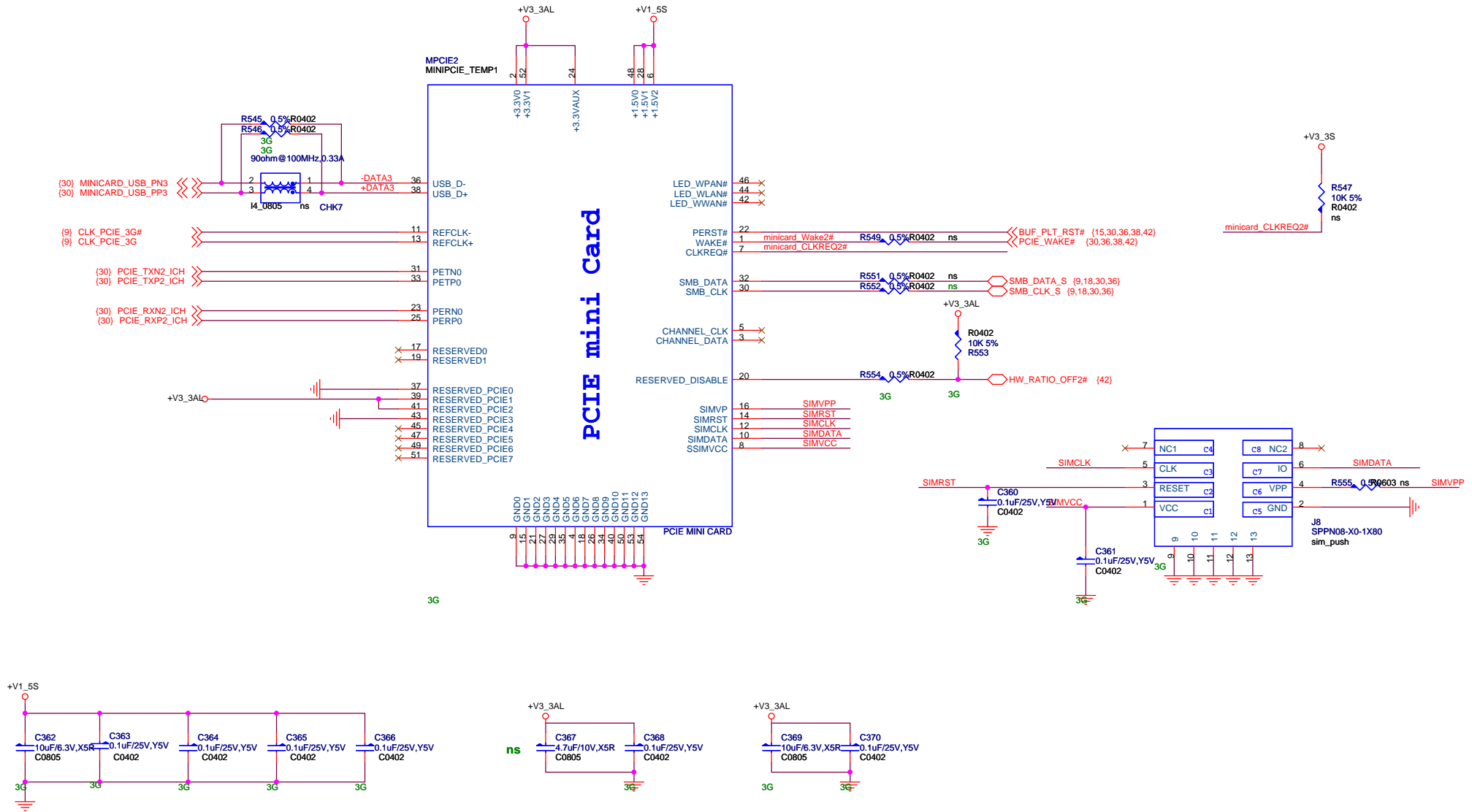
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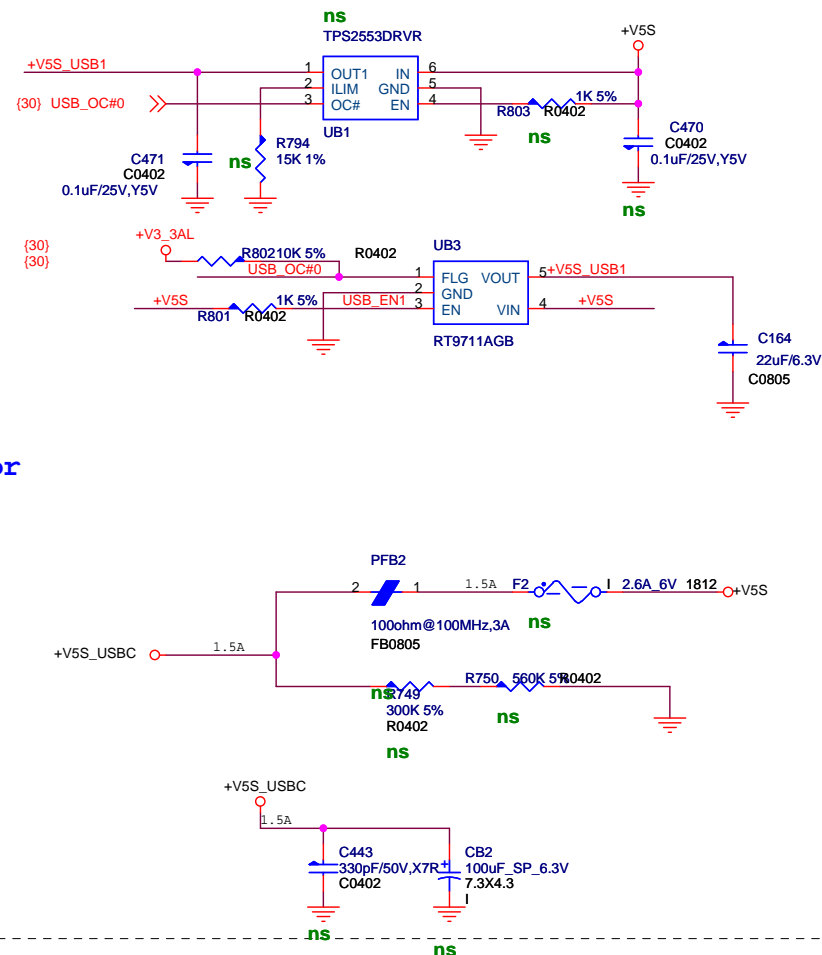
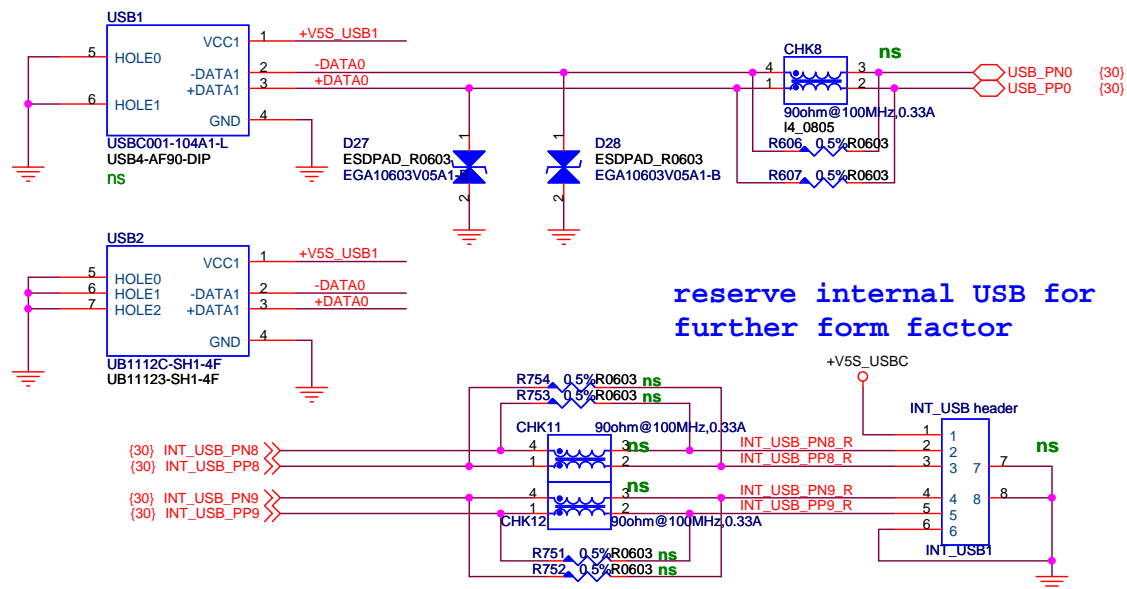




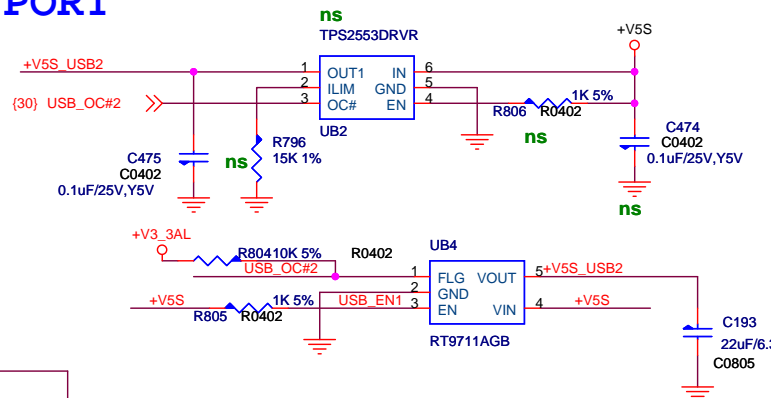
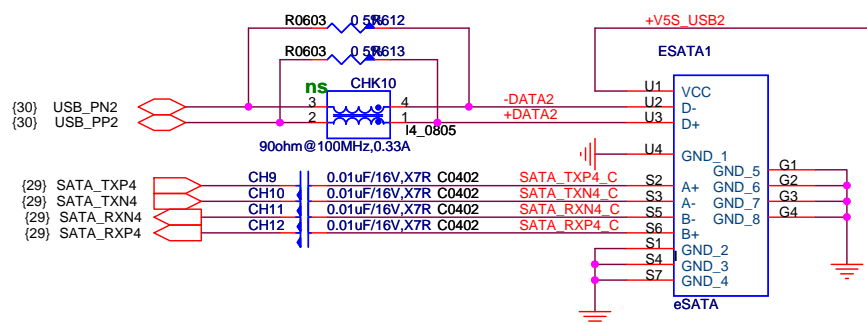
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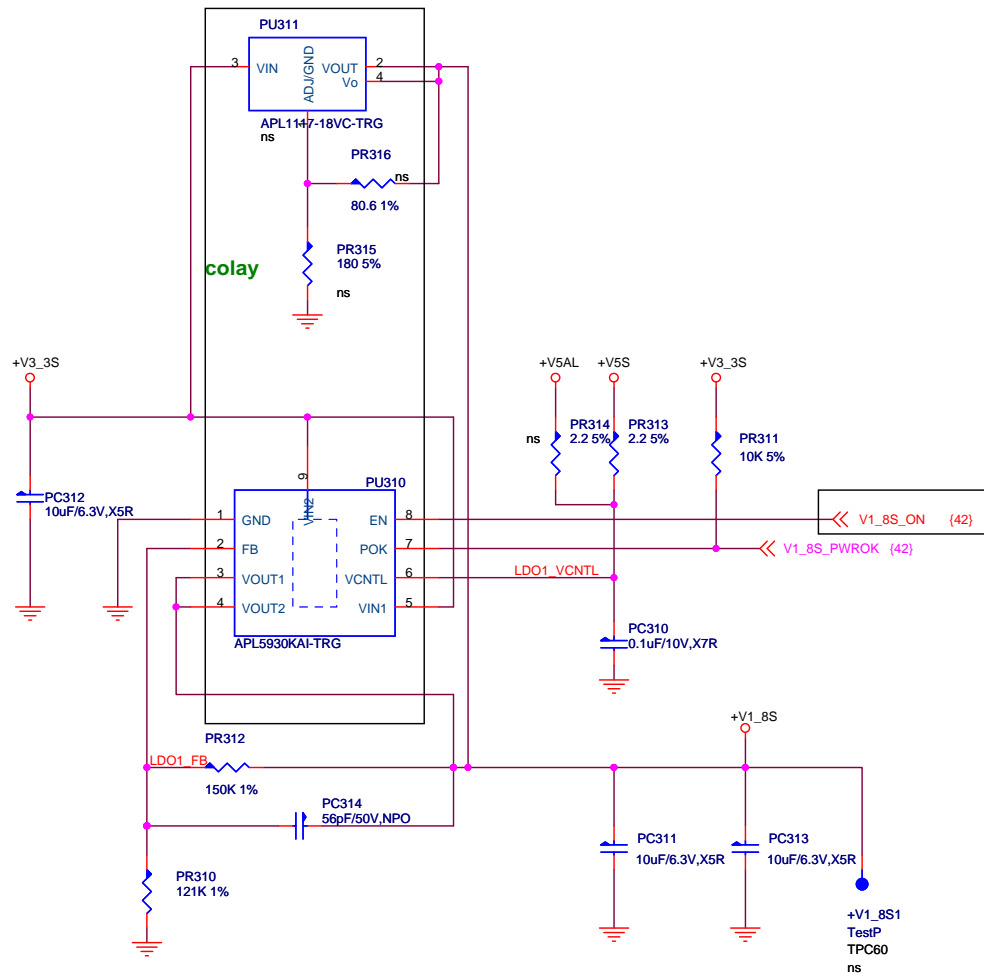
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