


# GA-F2A85XM-DS2

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06	APU UMI, GFX, GPP
07	APU POWER & GND
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10	HUDSON D4 ACPI, GPIO, USB, AUDIO
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25	VCC_SB , APU_VDDP , VCC11_DUAL , VDDA25

APU\_VDDIO\_SUS=DDR15V  
APU\_VTT\_SUS=DDRVTT  
APU\_VDDP\_RUN=APU\_VDDR\_RUN=APU\_VDDP  
  
+1.1V\_RUN=FCH\_VDD\_11\_RUN=VCC\_SB  
  
+3.3V\_RUN=VCC3  
+3.3V\_ALW=3VDUAL

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Title

COVER SHEET

Size

Document Number

Rev

Custom

GA-F2A85XM-DS2

1.01

Date:

Wednesday, March 06, 2013

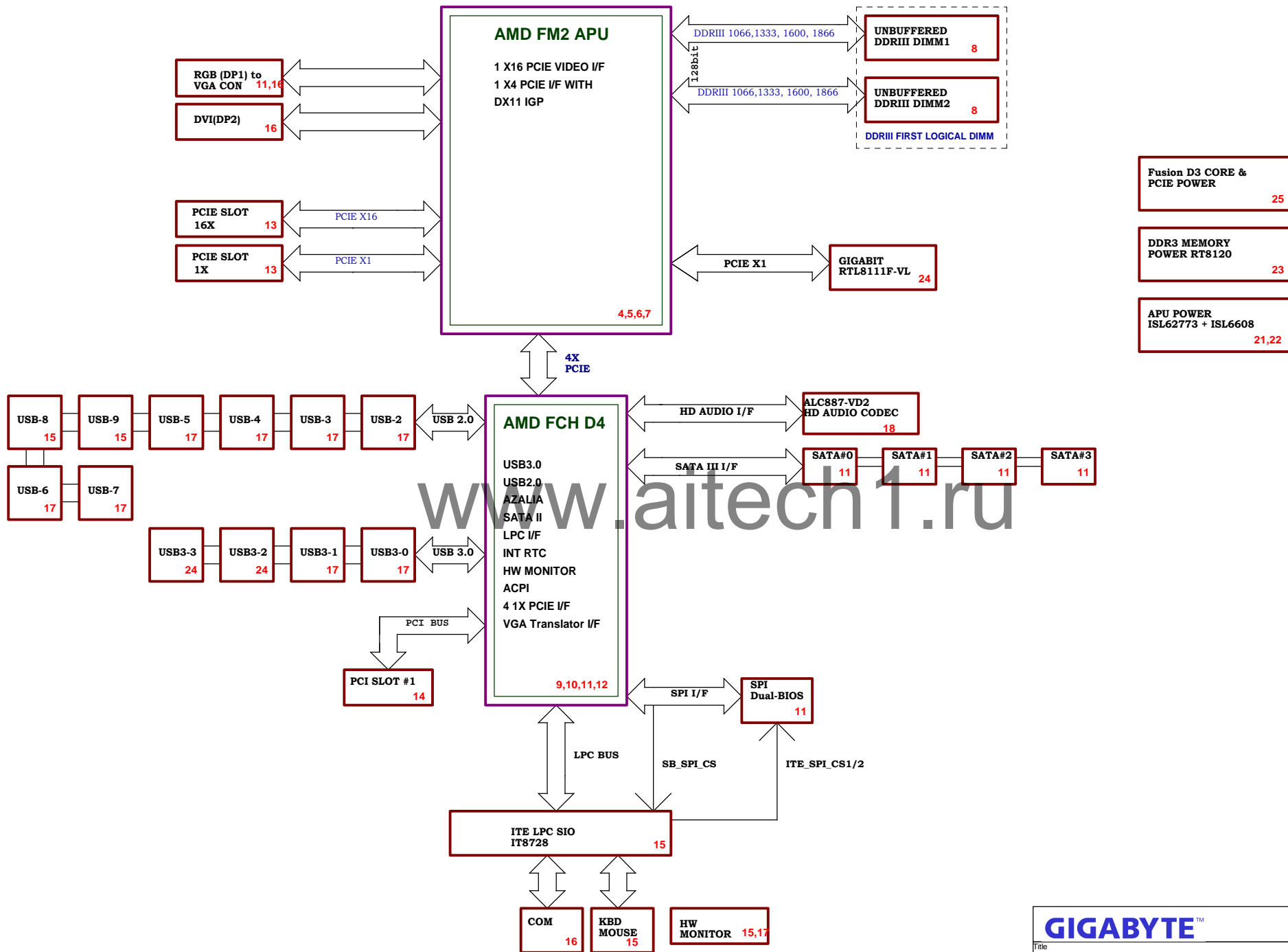
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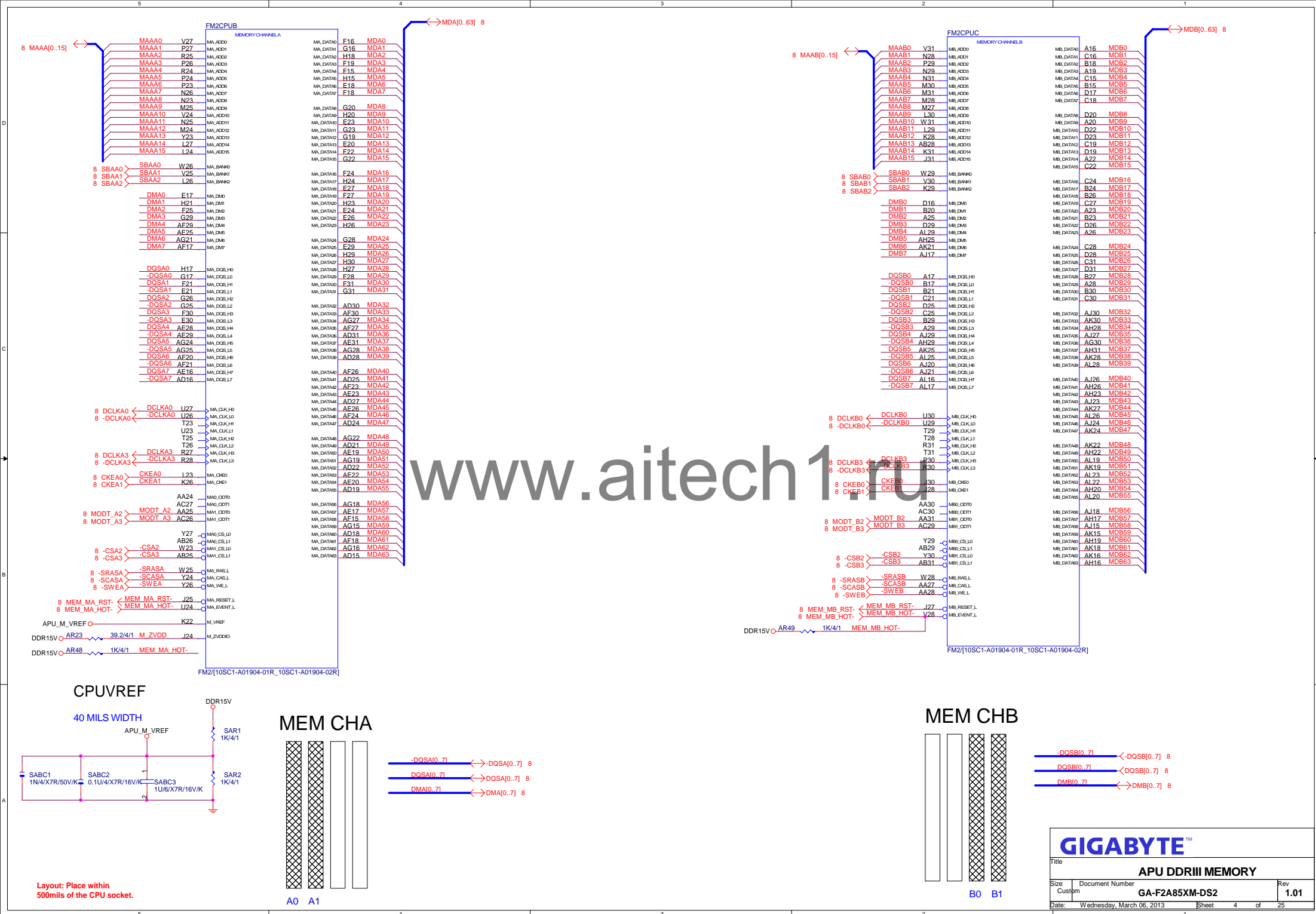
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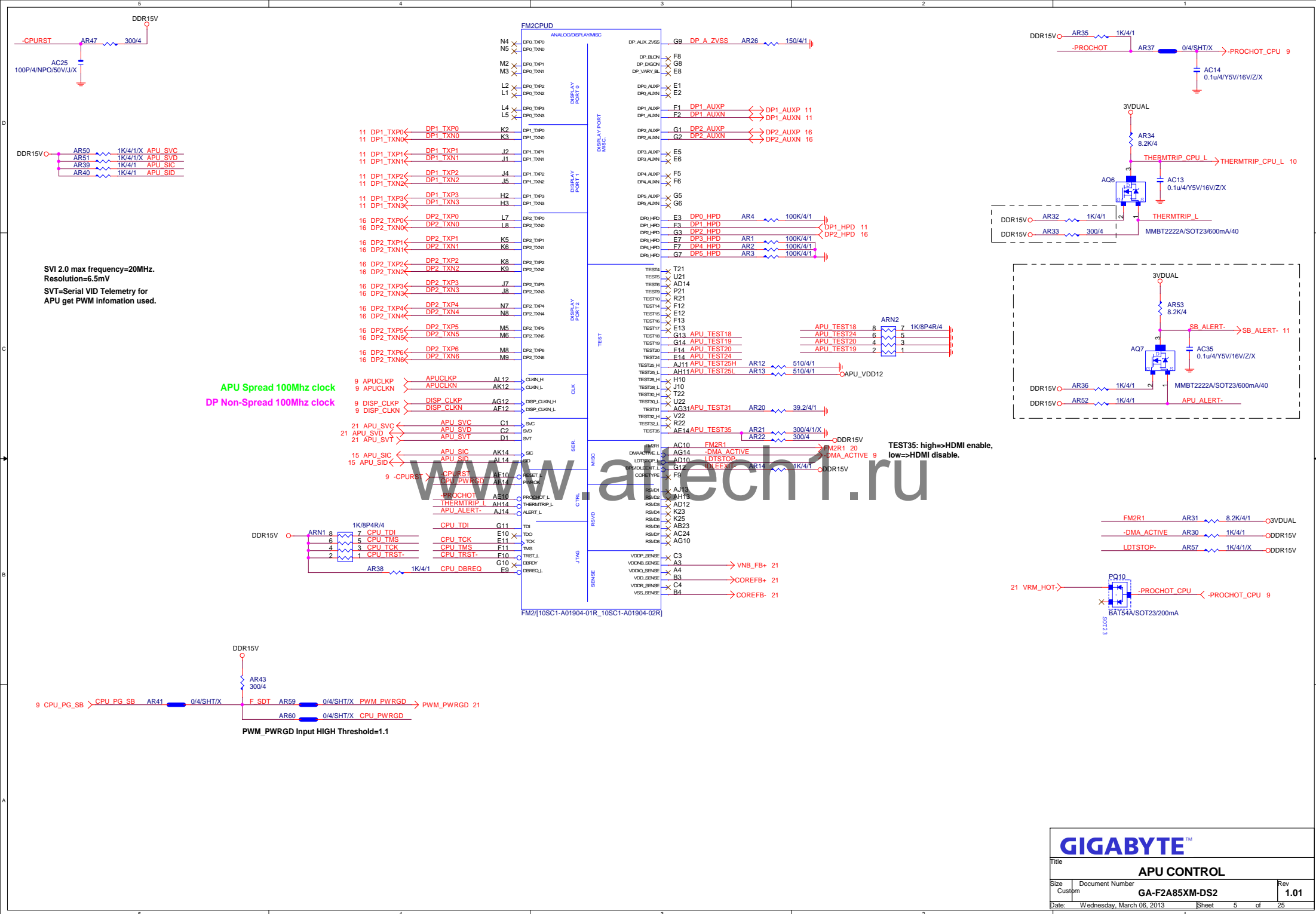
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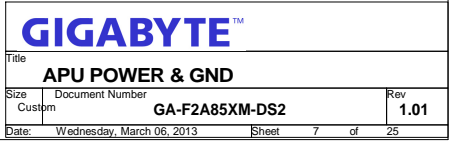
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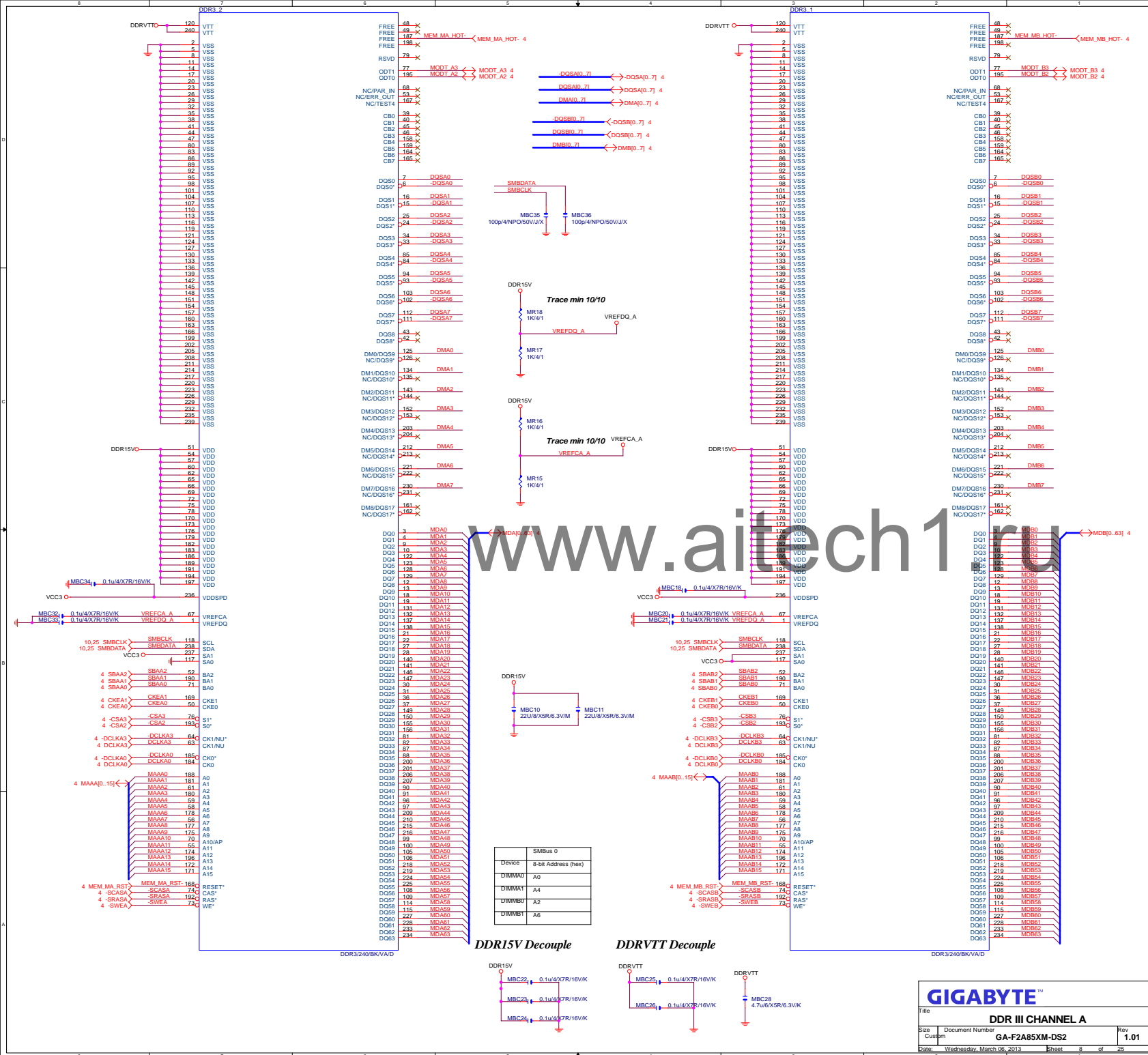








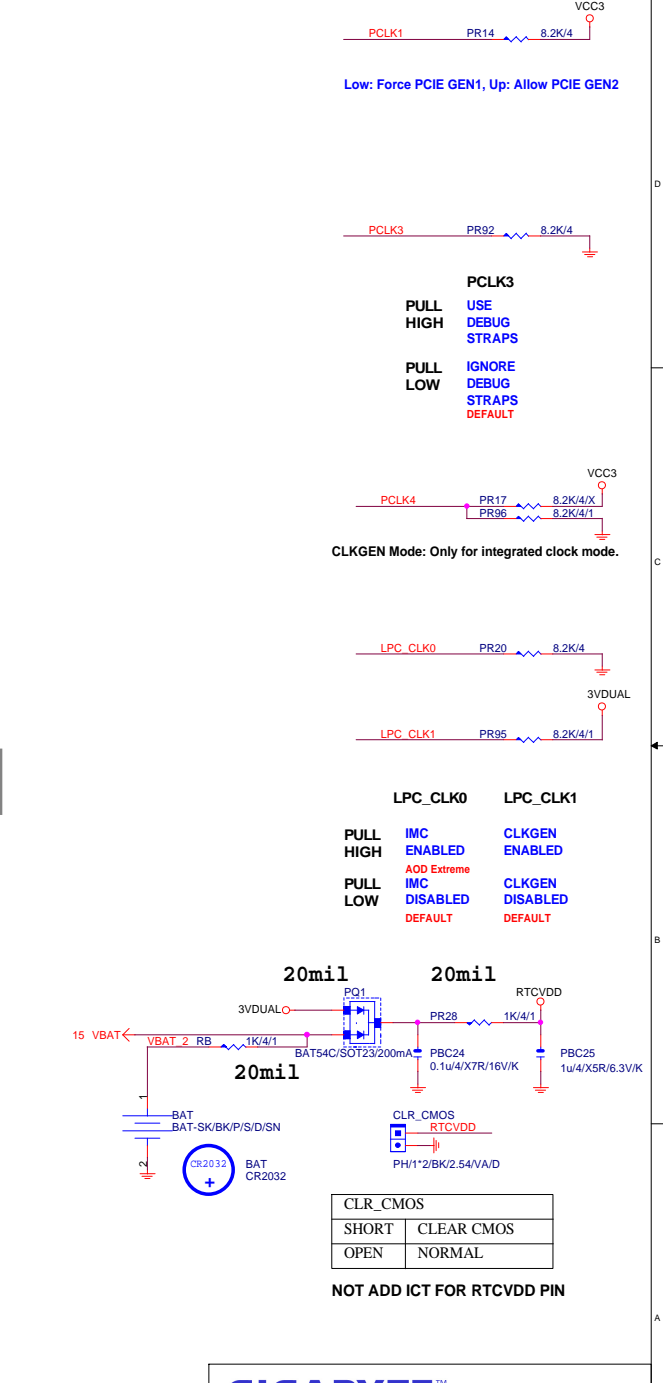
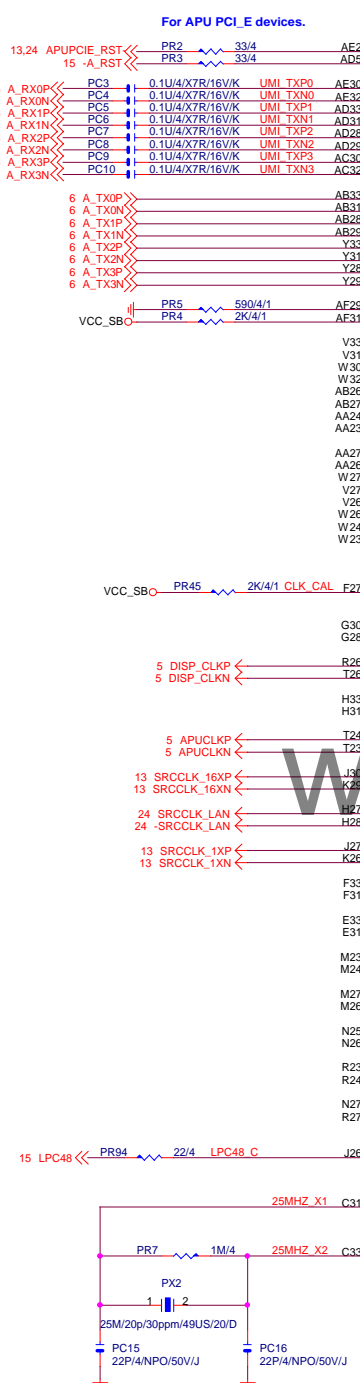
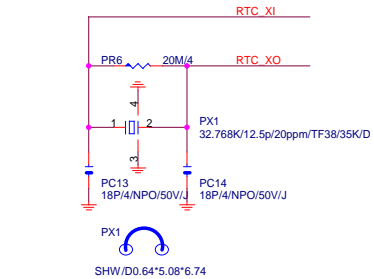
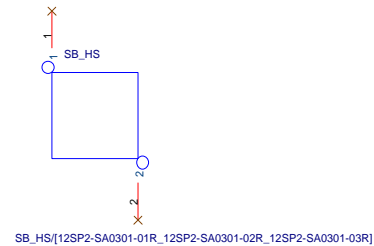






PLACE THESE PCIE AC COUPLING CAPS CLOSE TO SB850

S.B HEATSINK



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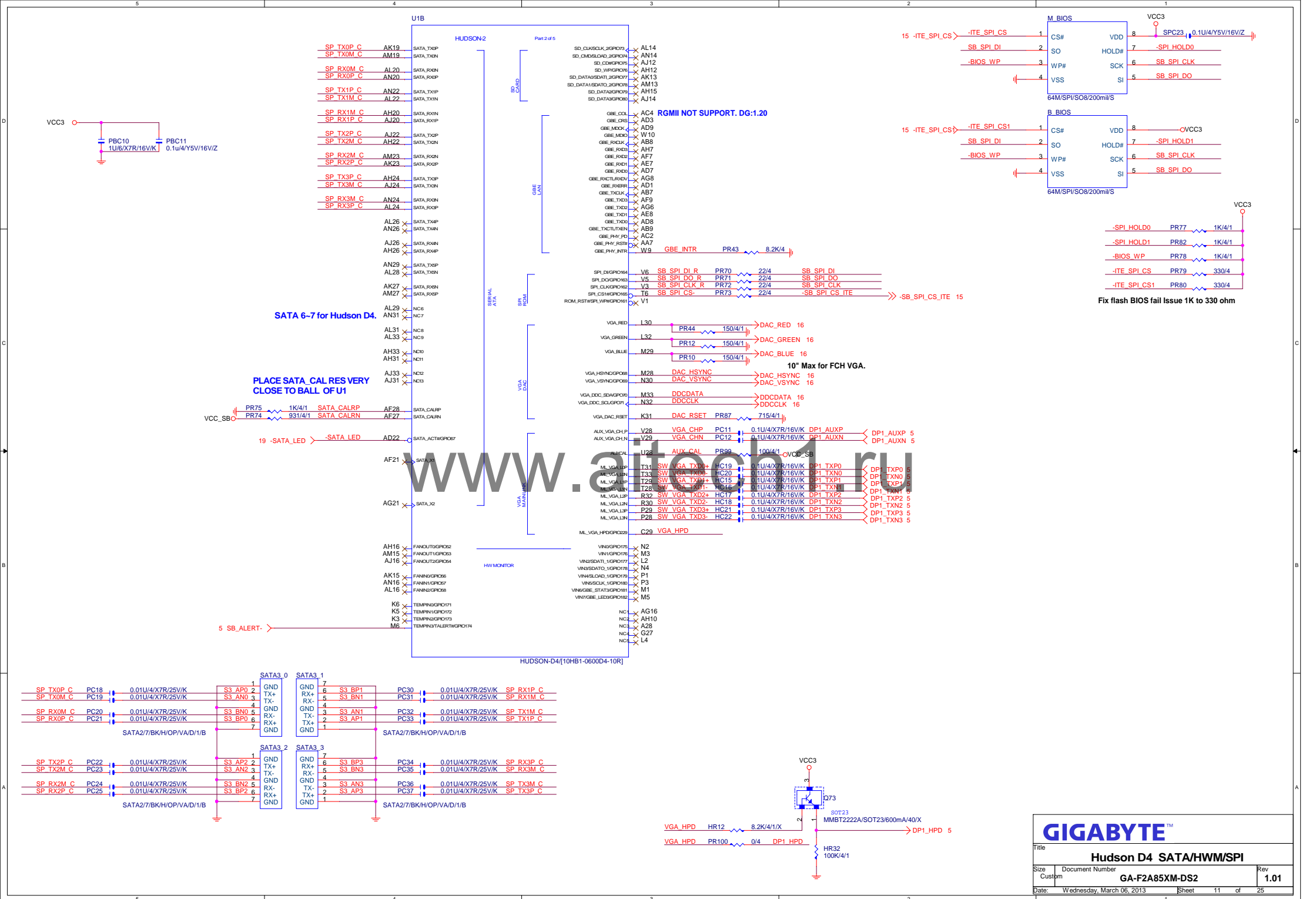
Title  
**Hudson D4 PCIE/PCI/CPU/LPC**

Size  
Document Number  
**GA-F2A85XM-DS2**

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**1.01**

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PLACE ALL THE DECOUPLING CAPS ON THIS SHEET CLOSE TO SB AS POSSIBLE.

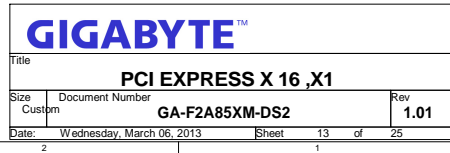
Hudson 3/4 does not support an RGMII/MII interface.

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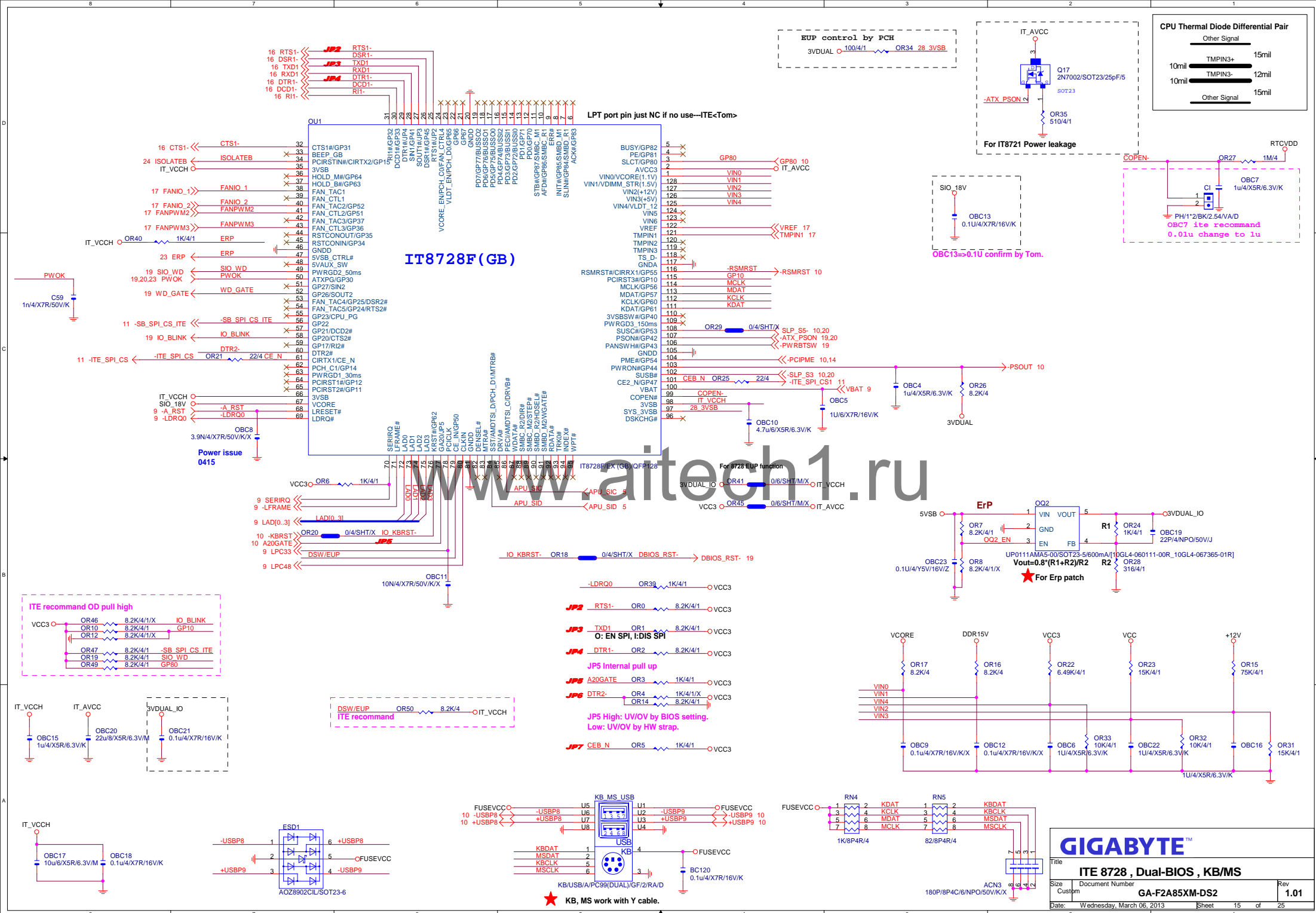
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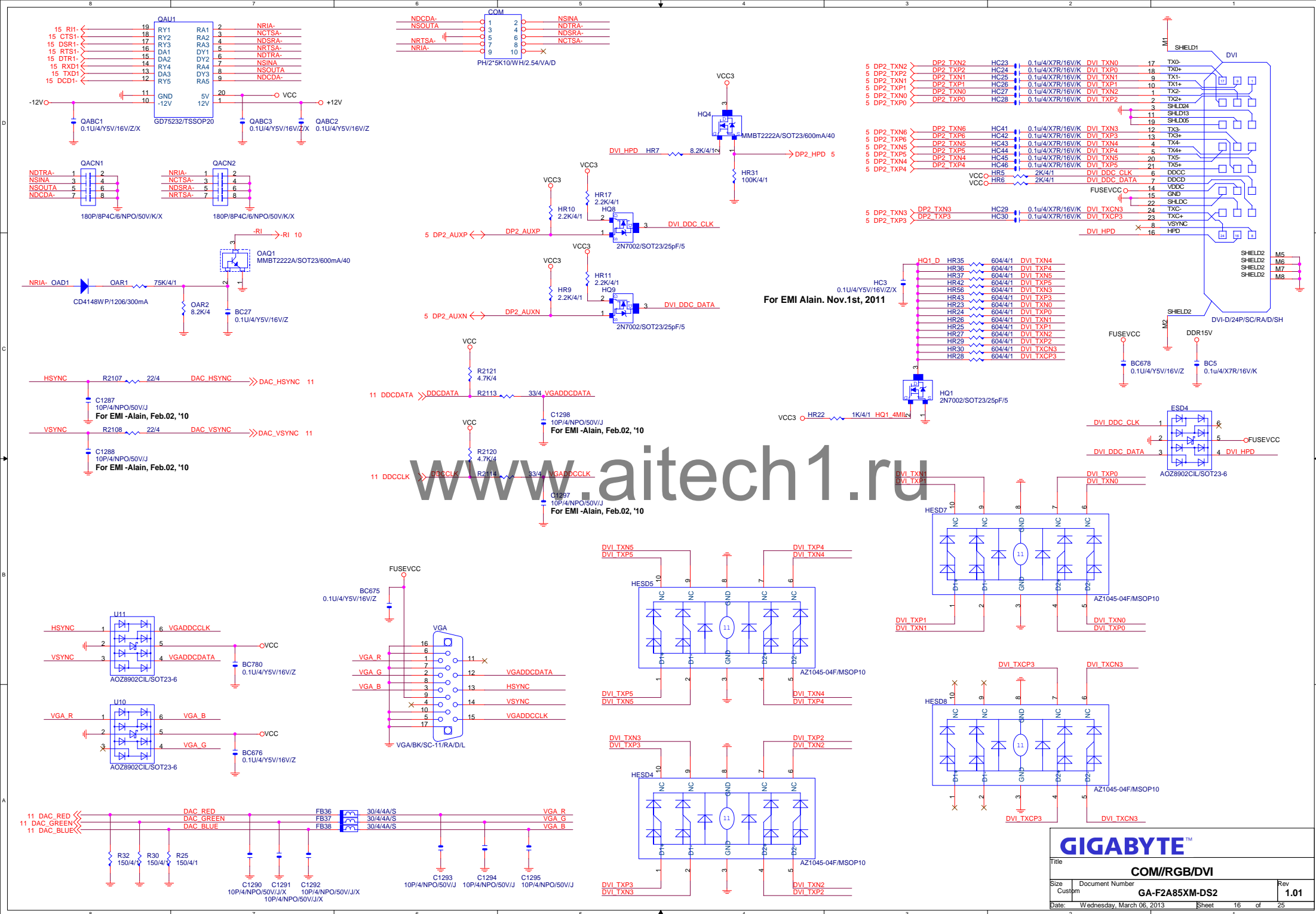




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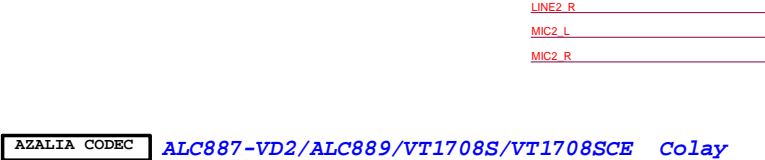
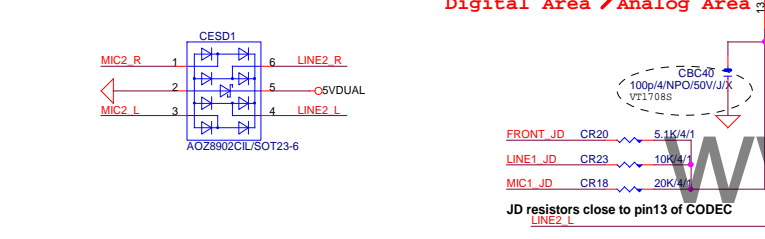
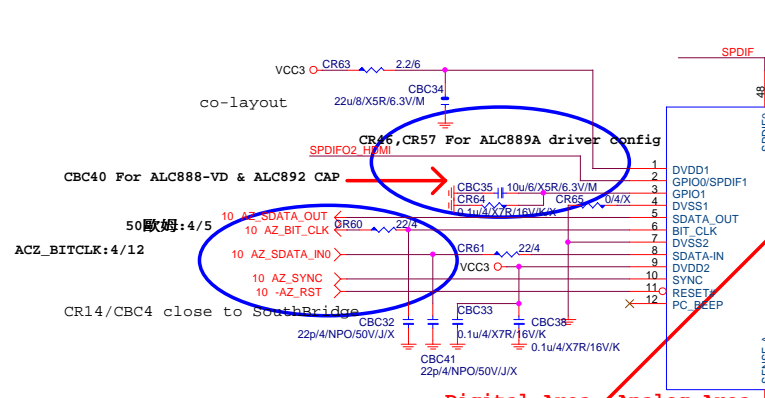
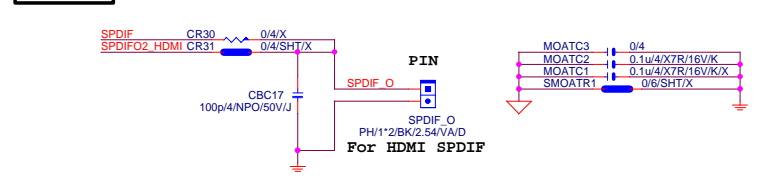




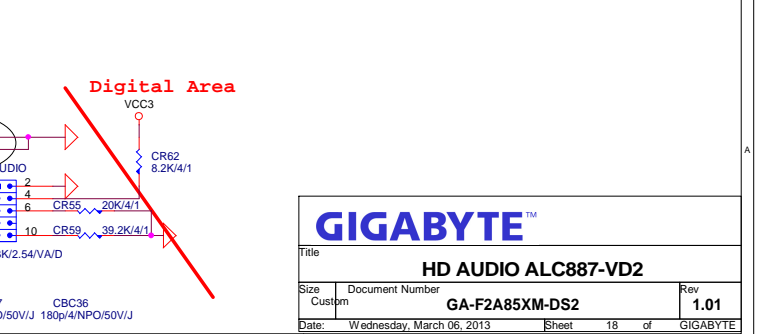
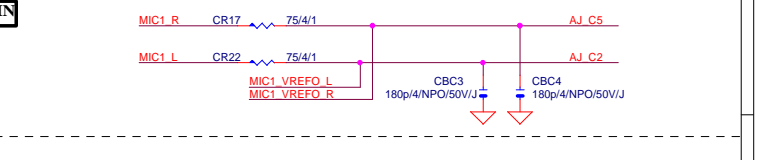
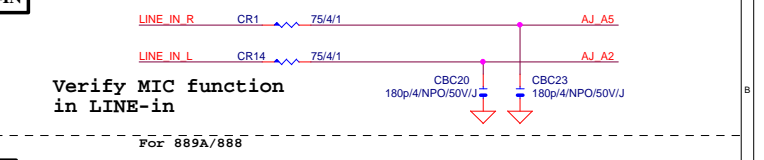
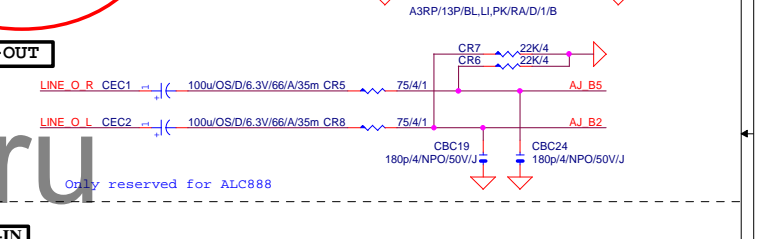
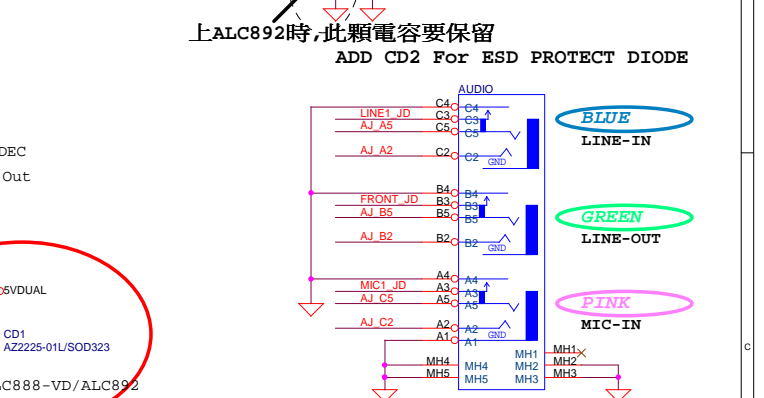
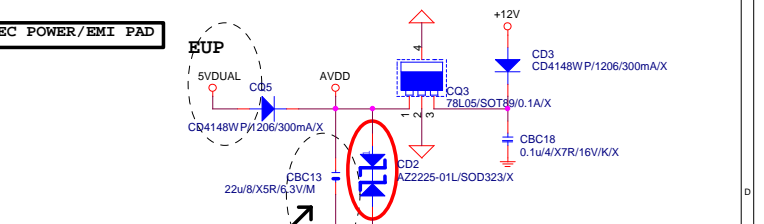
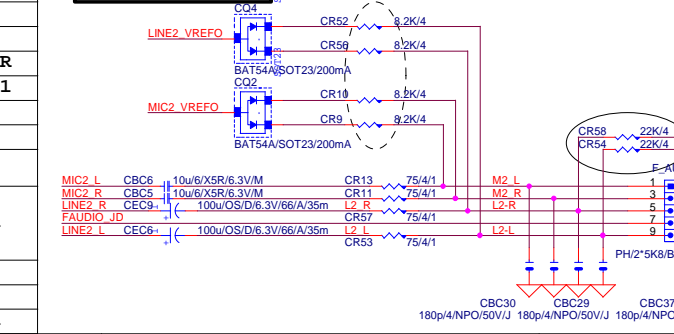
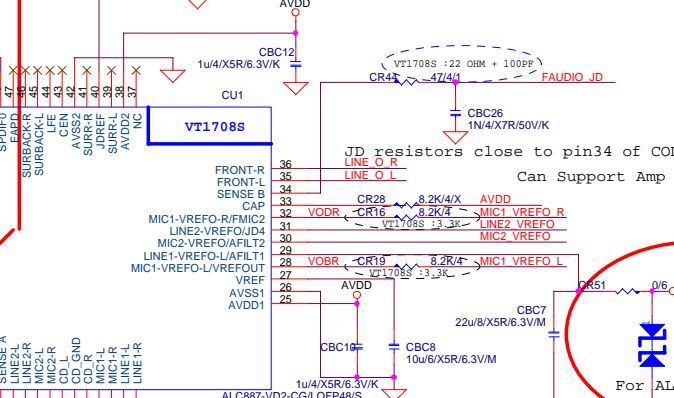
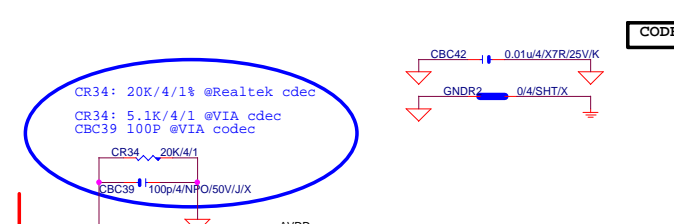




SPDIF OUT



	ALC887-VD2	ALC889	VT1708S	VT1708SCE
CR65	X	O	O	X
CR64	X	X	X	O
CR44/CBC26	47ohm+1nF	47ohm+1nF	22ohm+100P	22ohm+100P
CR34	20K/1%	20K/1%	5.1K/1%	20K/1%
CR31	O	O	O	O
CR30	X	X	X	X
CBC1/CBC2	22uF/X5R	22uF/X5R	22uF/X5R	22uF/X5R
CR20	5.11K/4/1	5.11K/4/1	5.1K/4/1	5.1K/4/1
CBC35	O	X	X	O
CBC39/CBC40	N/A	N/A	100P/4	100P/4
CR6/CR7/CR54/CR58	22K/4	22K/4	10K/4	10K/4
CR5/CR8/CR13/CR11/CR57/CR53	75 ohm	62 ohm	75 ohm	75 ohm
CR51/CD1/CBC7	O	X	X	O
CD2/CD3/CQ3/CQ5	X	O	O	X
CR1/CR14/CR17/CR22	75 ohm	62 ohm	1K ohm	1K ohm



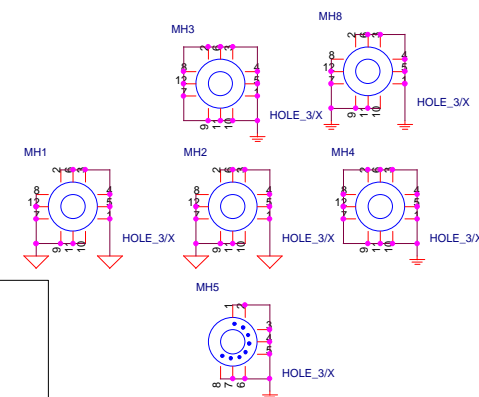
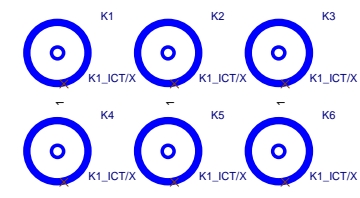
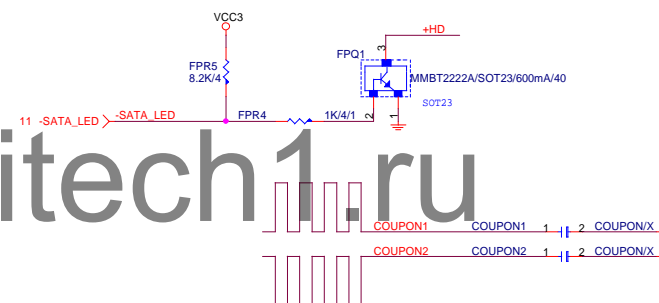
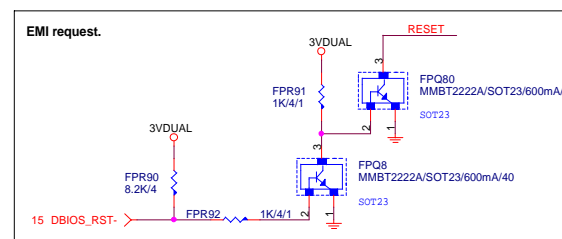
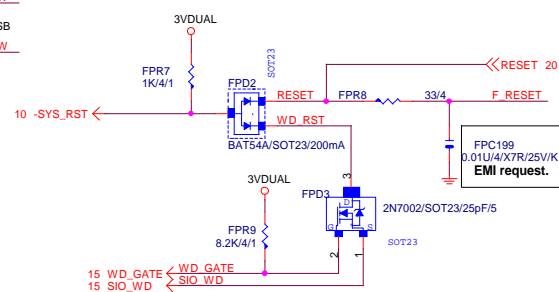
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HD AUDIO ALC887-VD2

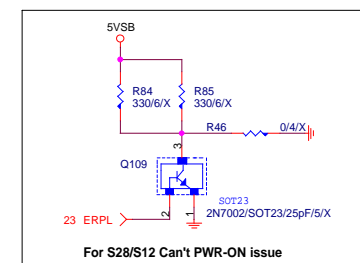
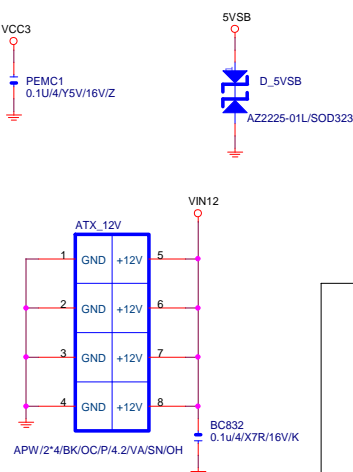
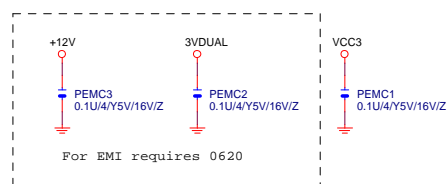
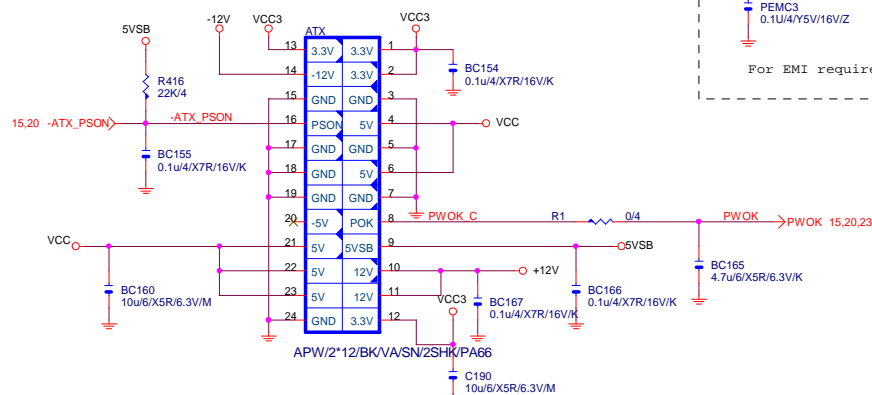
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Rev 1.01

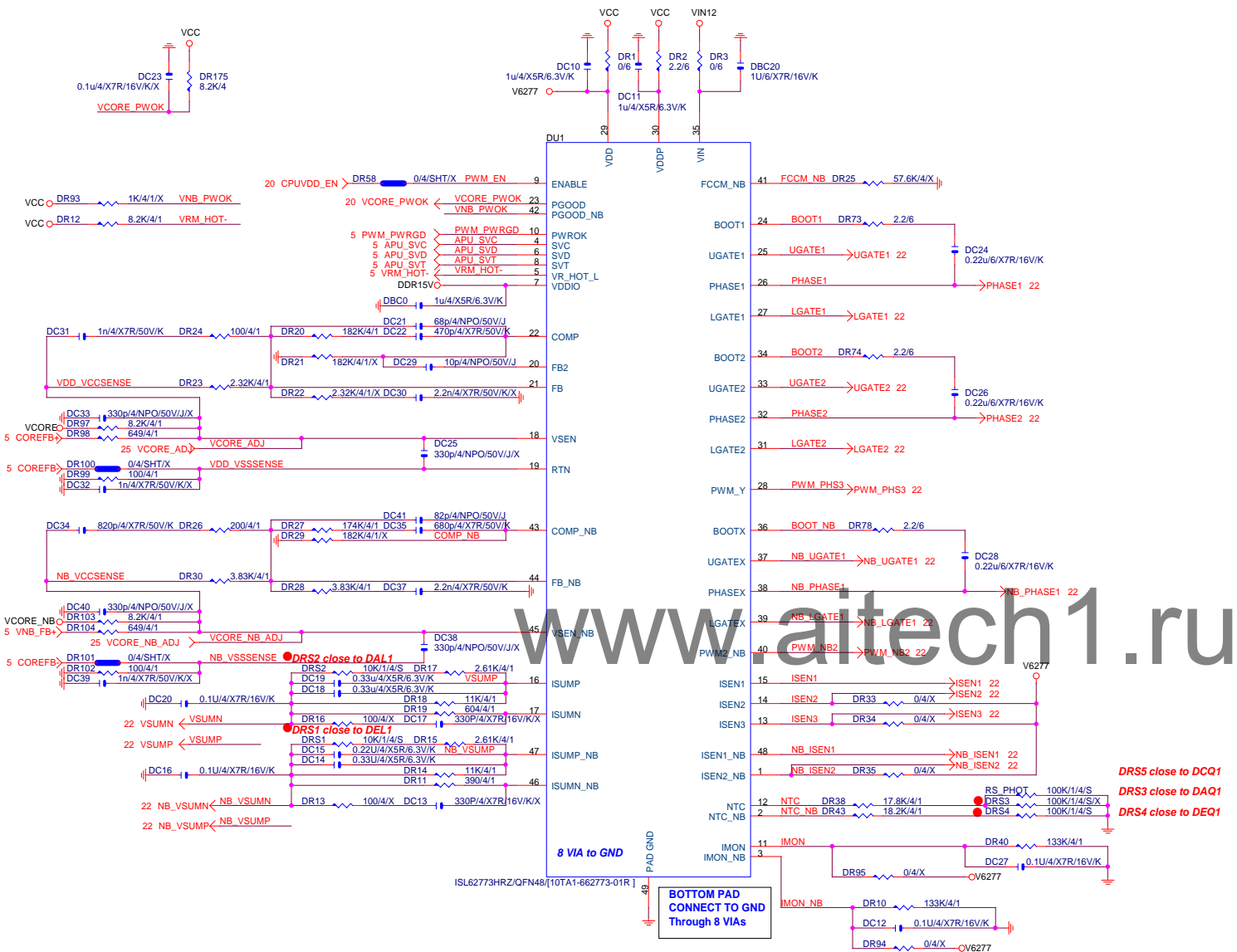
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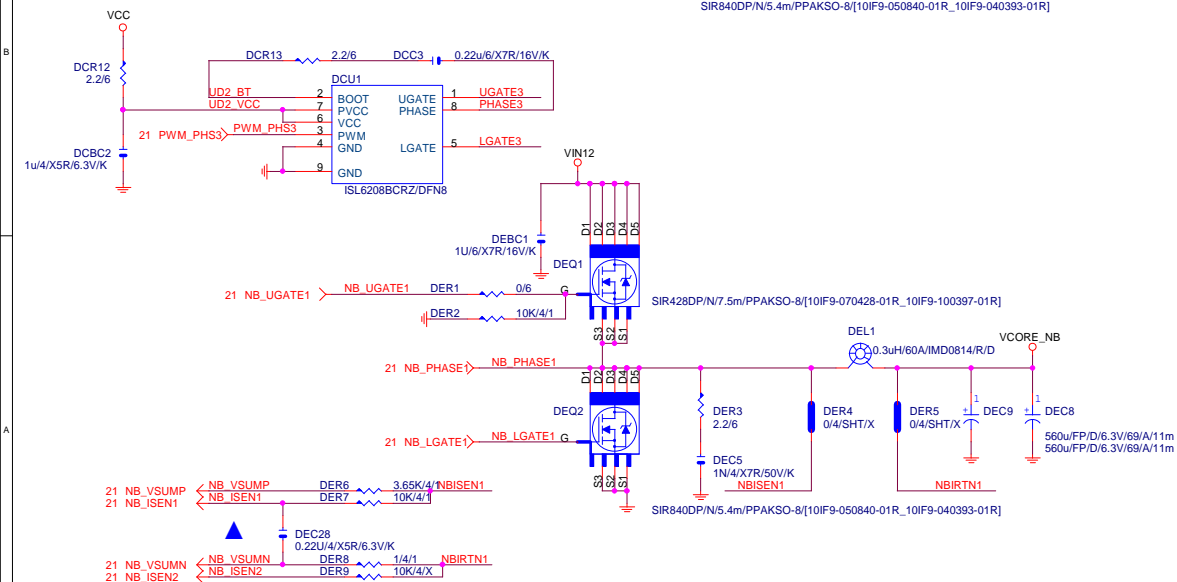
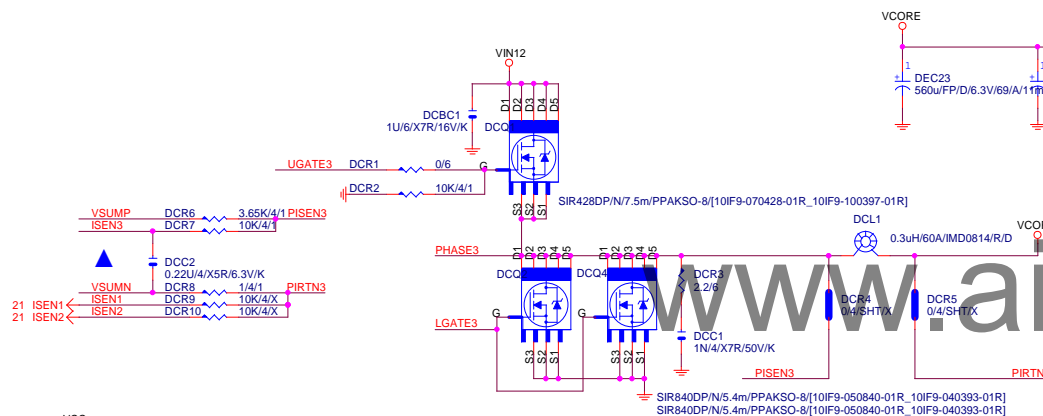
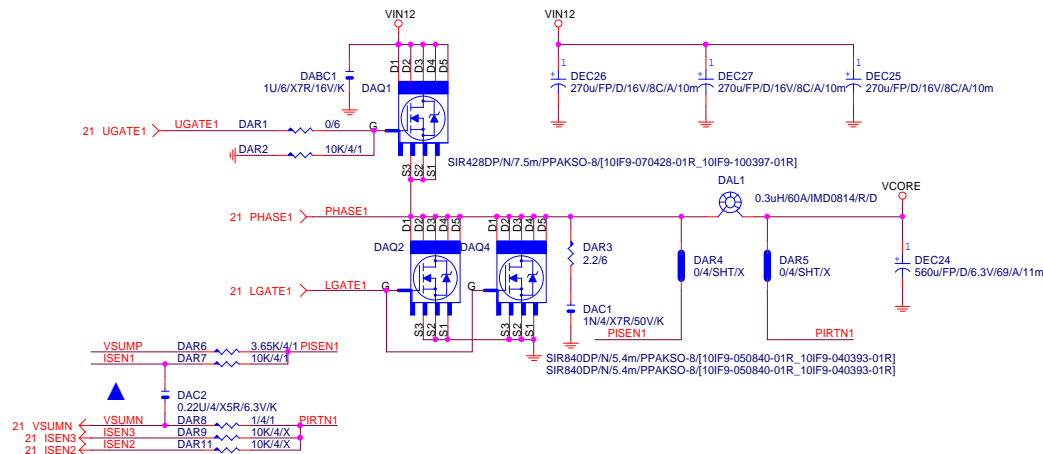


## ATX POWER CONNECTOR







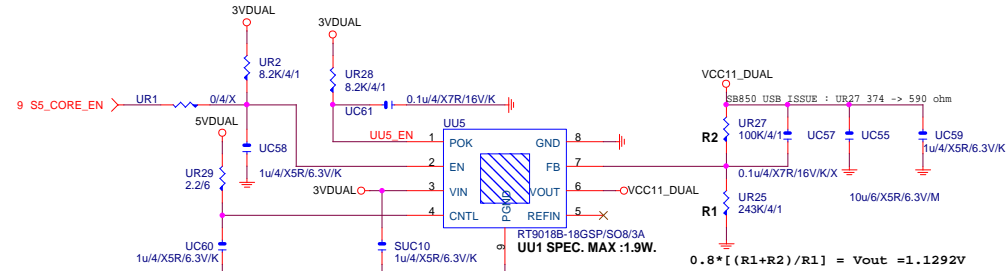
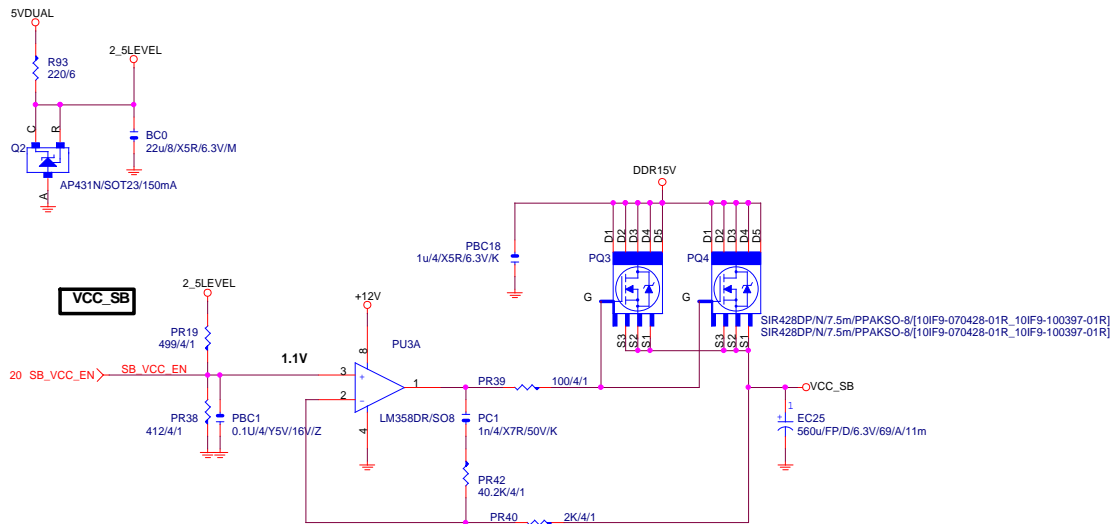


▲ *Close to PWM*









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