


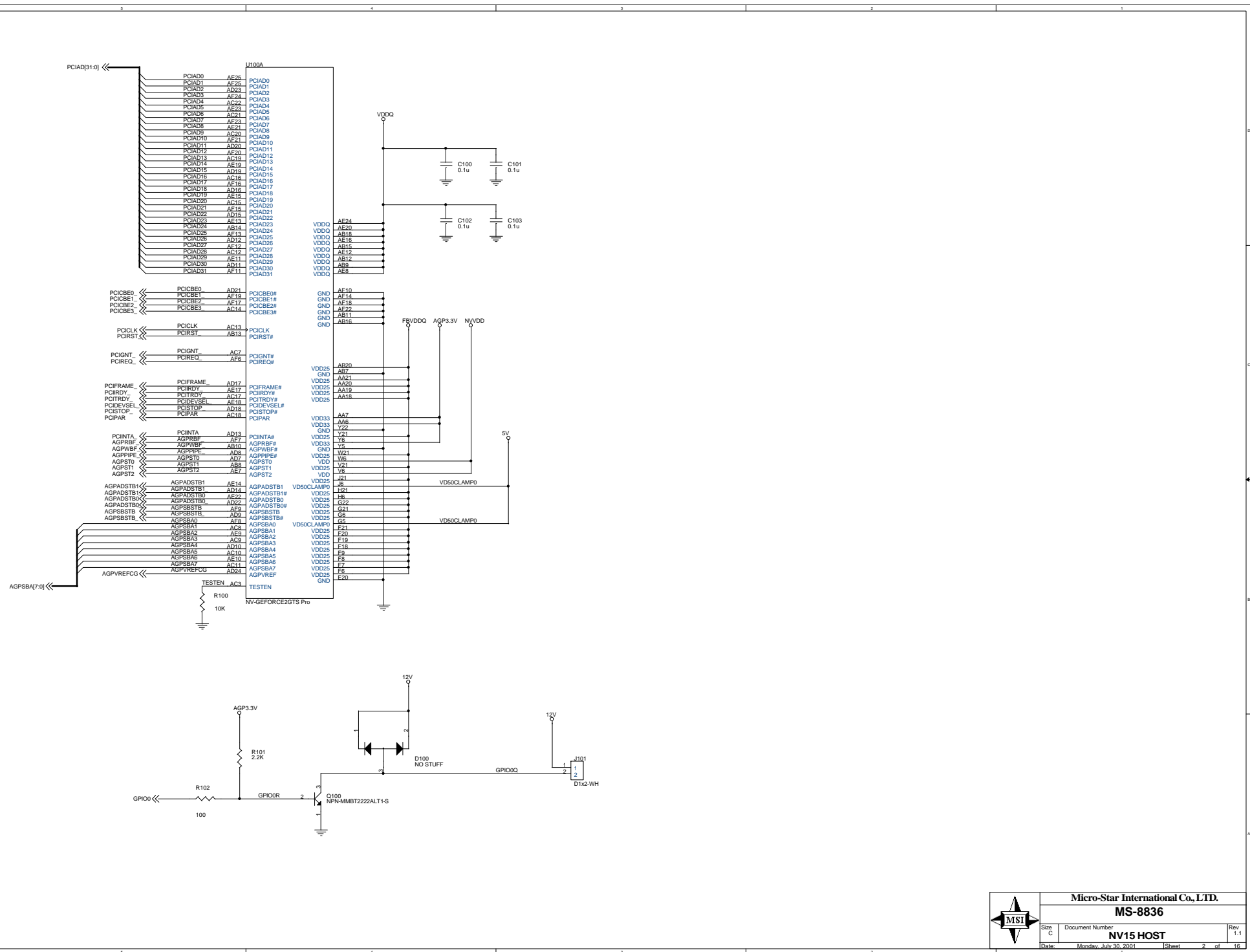
NV15, 4MX16 TERMINATED DDR, RGB, INTERNAL DVI-I, TV I/F, AGP4X.

PCI DEVICE ID 0X0=0X150 FOR NV15.

GPU : GeForce2 PRO
STRAPS : AGP4X, SIDEBAND DIS, FAST WRITE ENA, ADP BIOS, NORMAL PCIAD, 14.318MHz
STRAP_RAM_TYPE [5 : 2]=1010 4MX16 DDR SDRAM
ALL "NO STUFF" COMPONENTS HIGHLIGHTED
SWITCHER1(VTT) SET TO 1.25V
SWITCHER2(NVVDD) SET TO 2.05V
LINEAR(FBVDDQ) SET TO 2.5V



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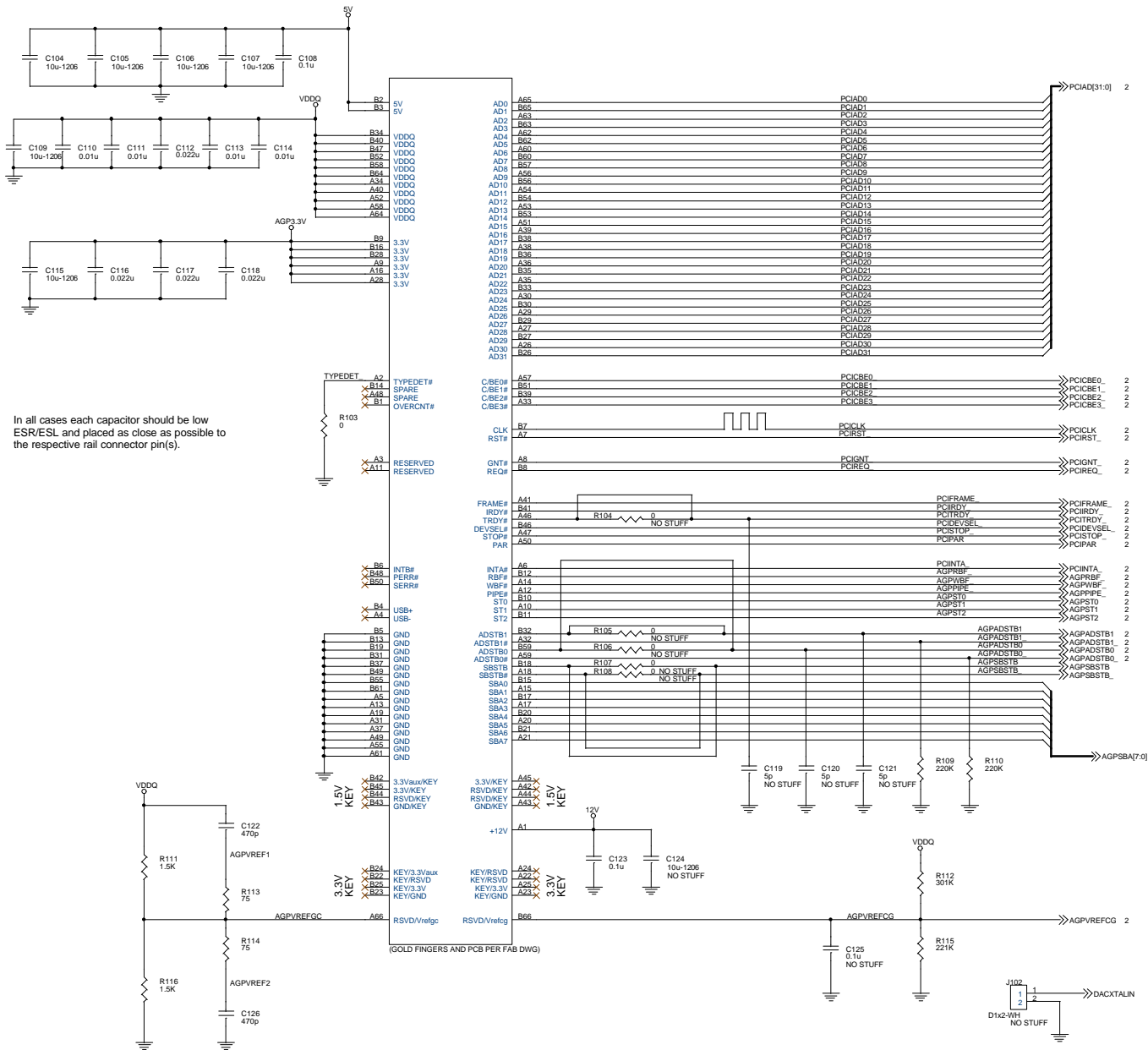
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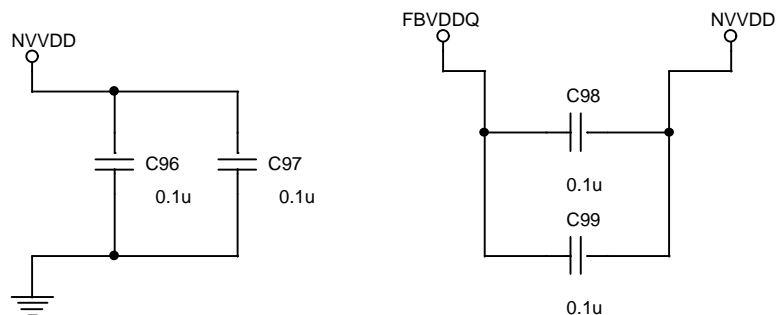
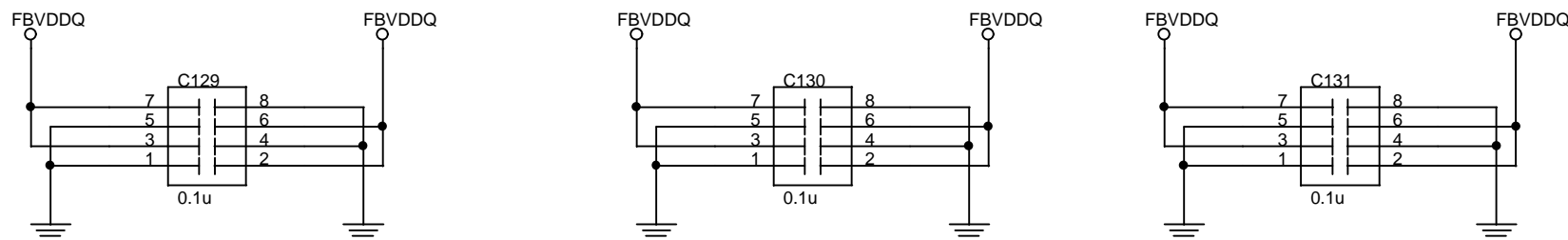
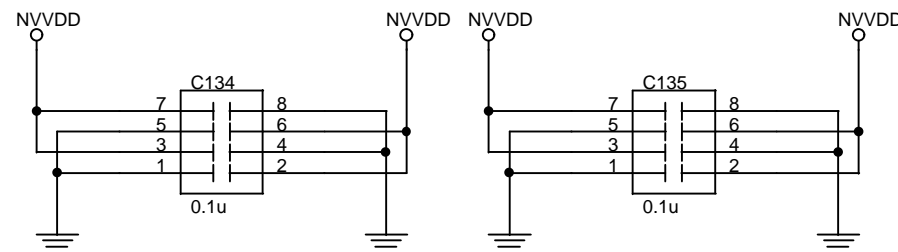
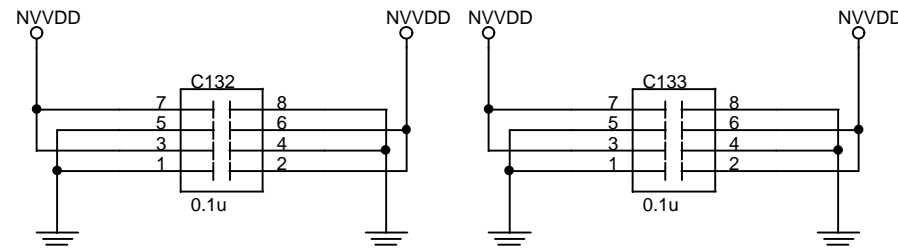
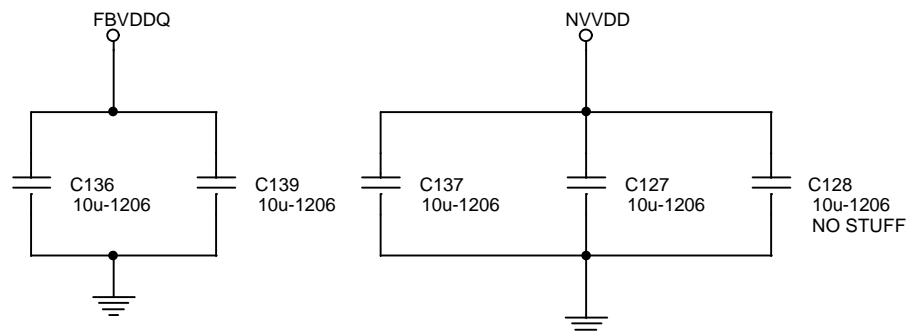
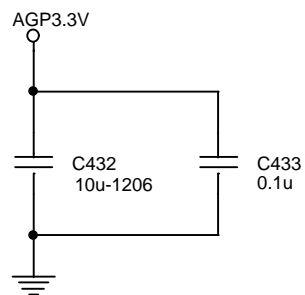
NV15 HOST

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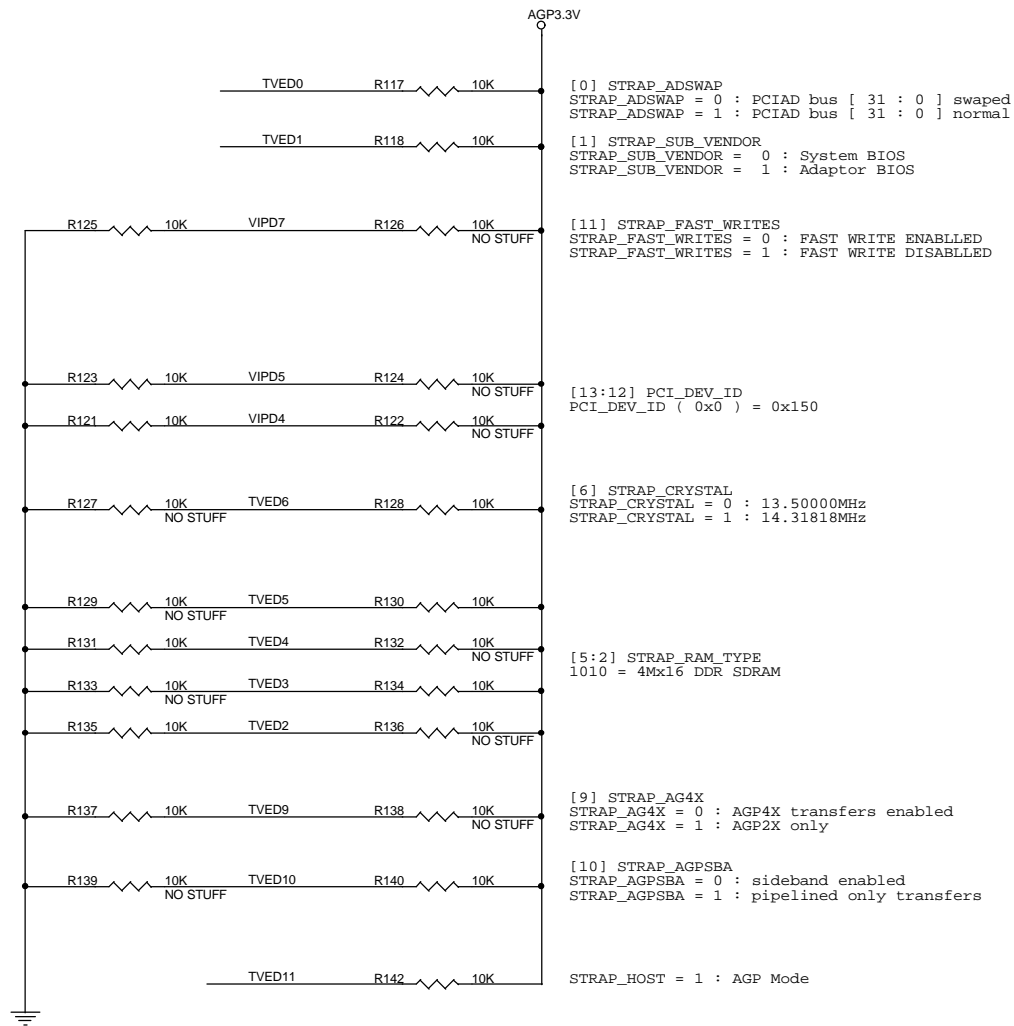




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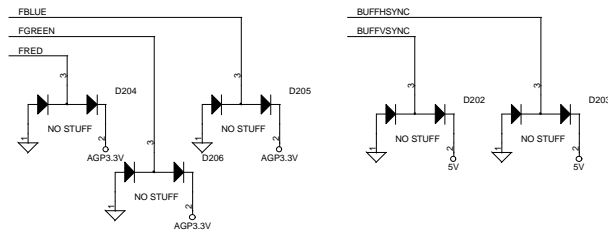
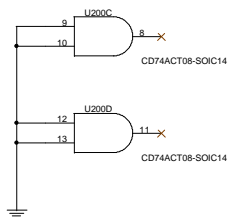
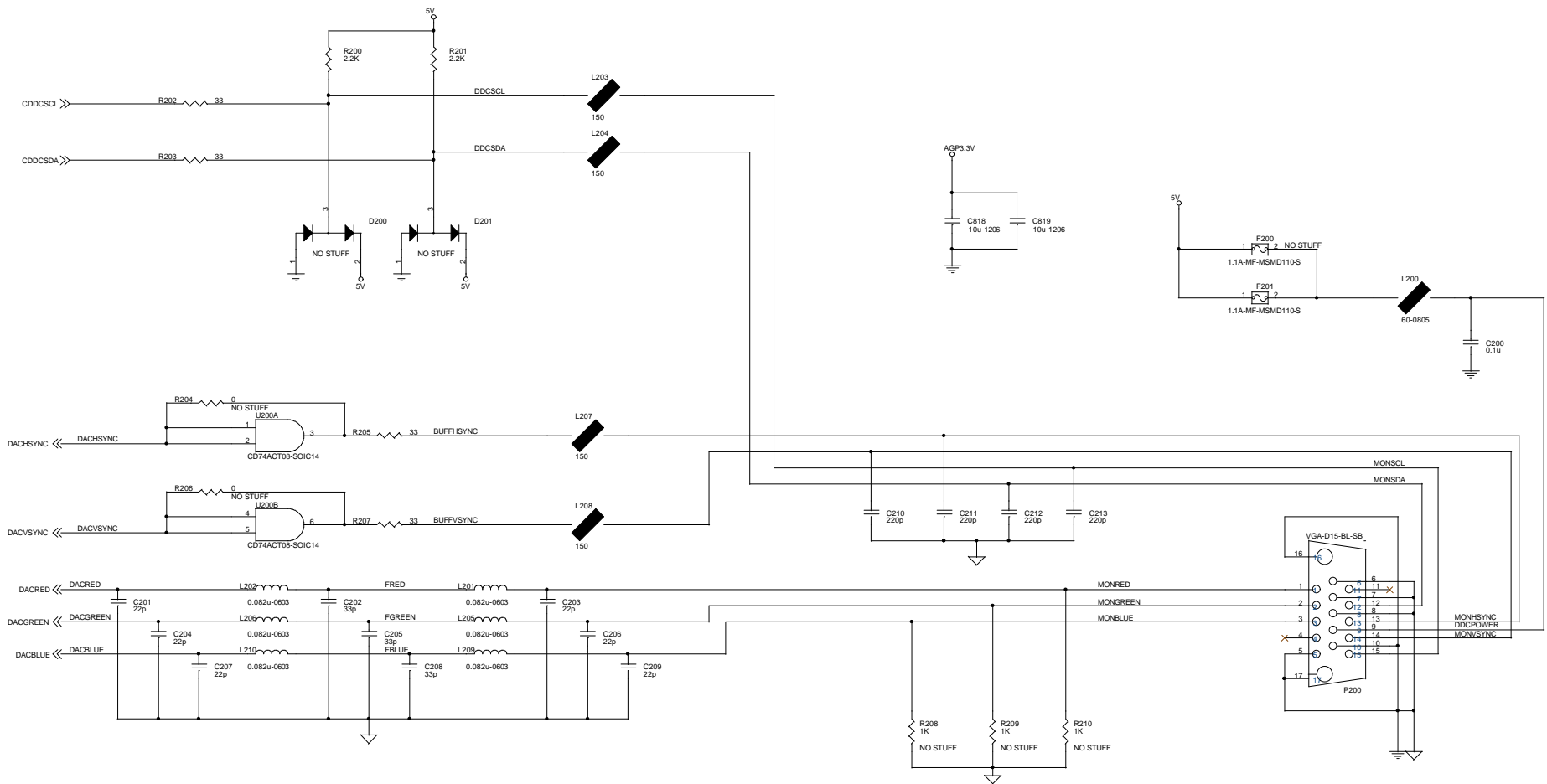
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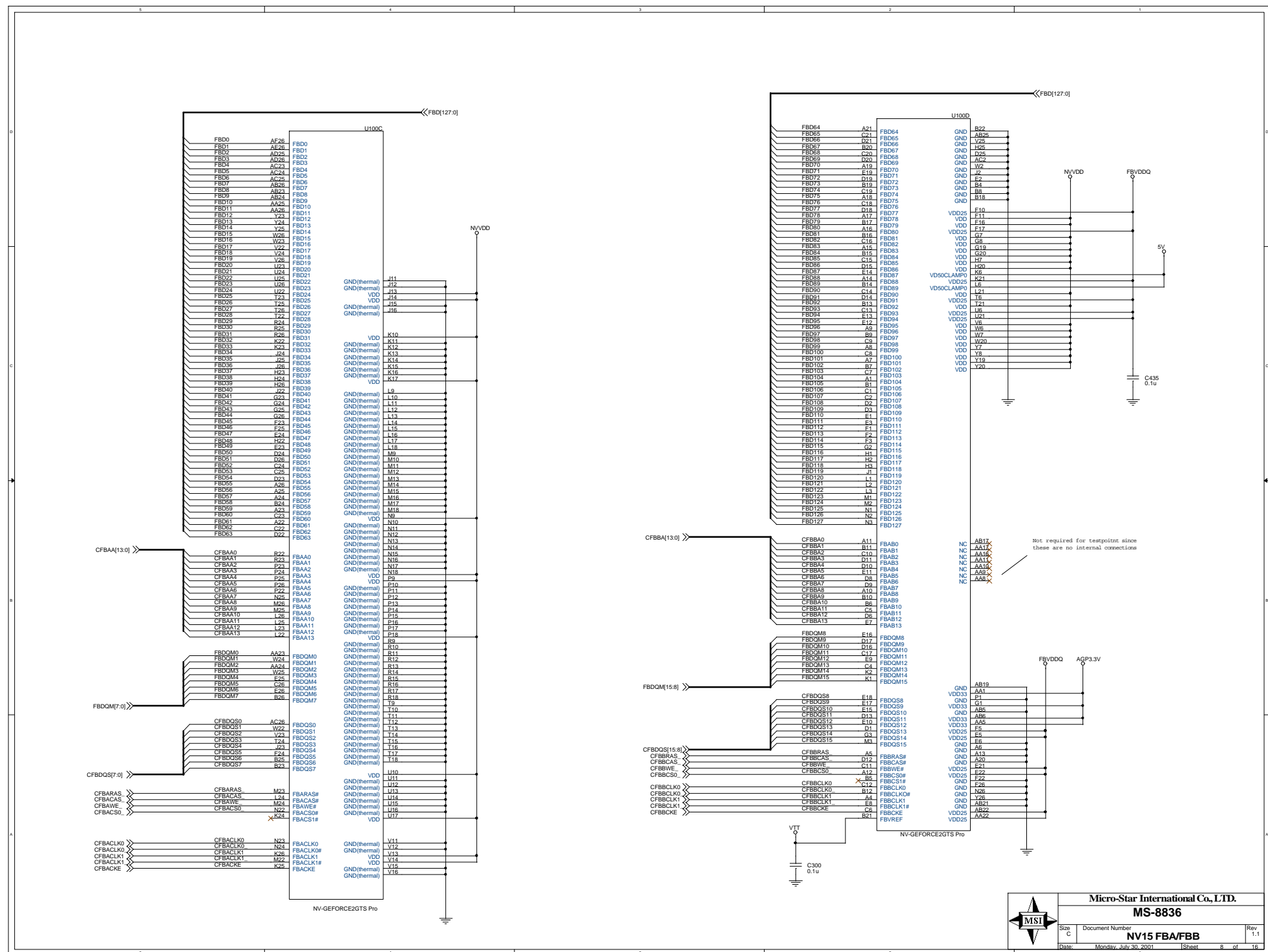


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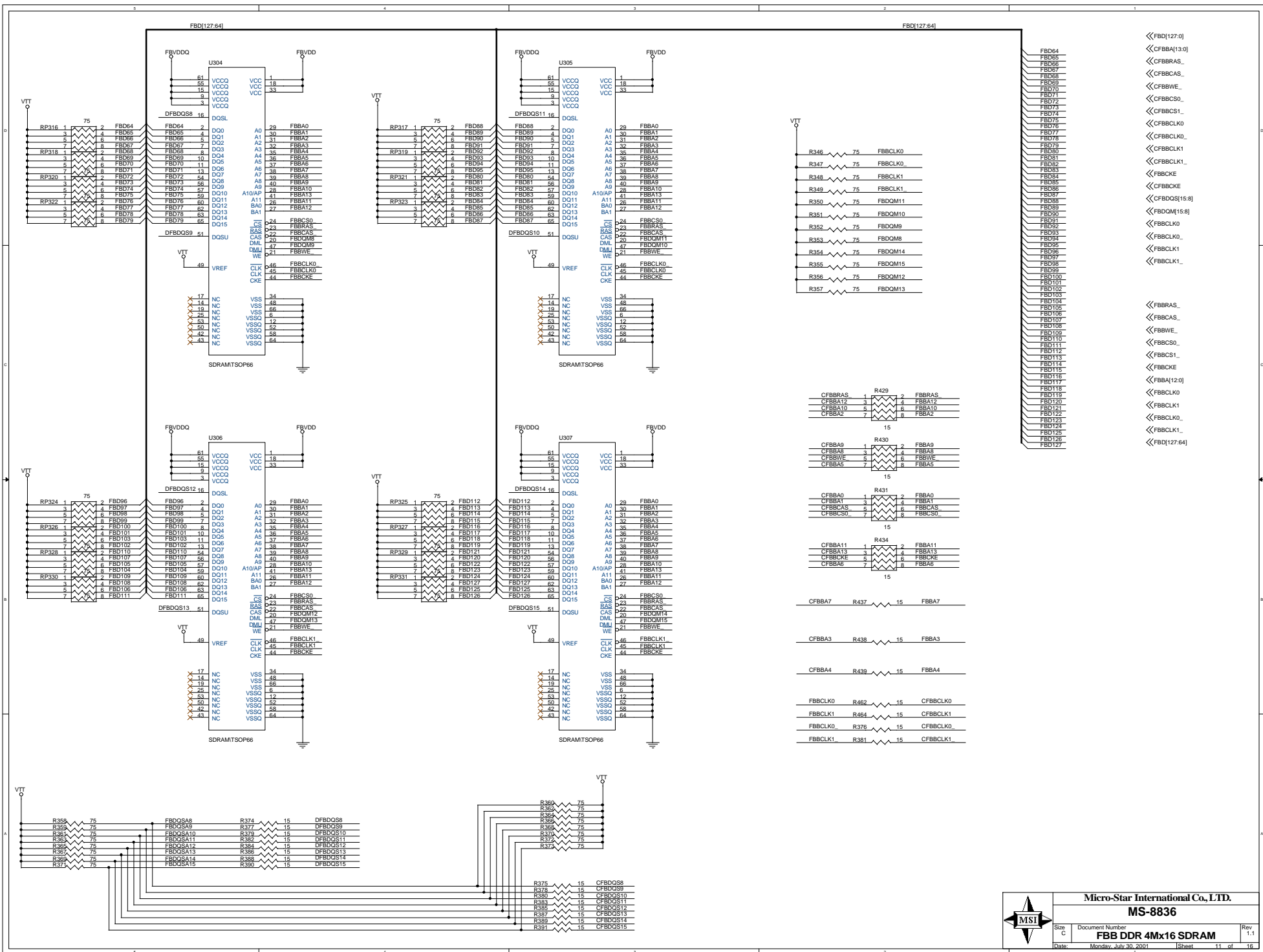


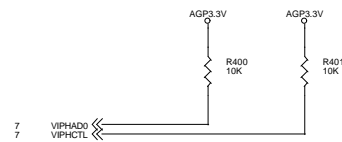
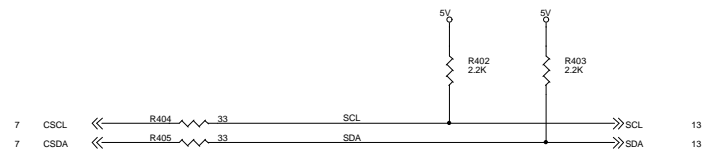
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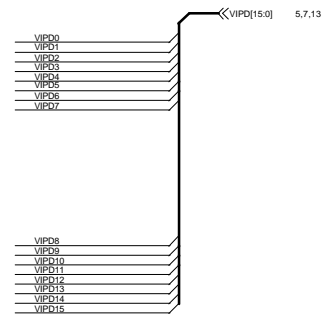
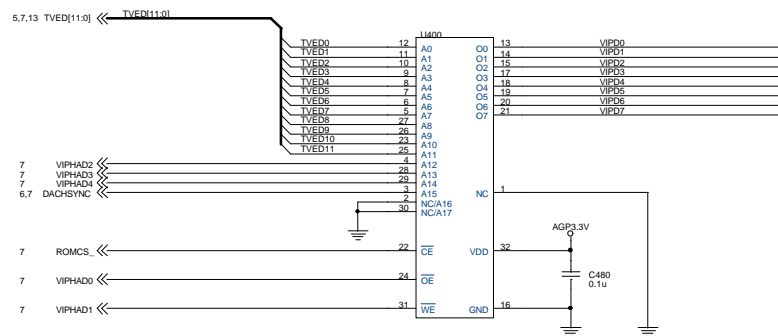
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VPHAD2
VPHAD3
VPHAD4
VPHAD5
VPHAD6
VPHAD7

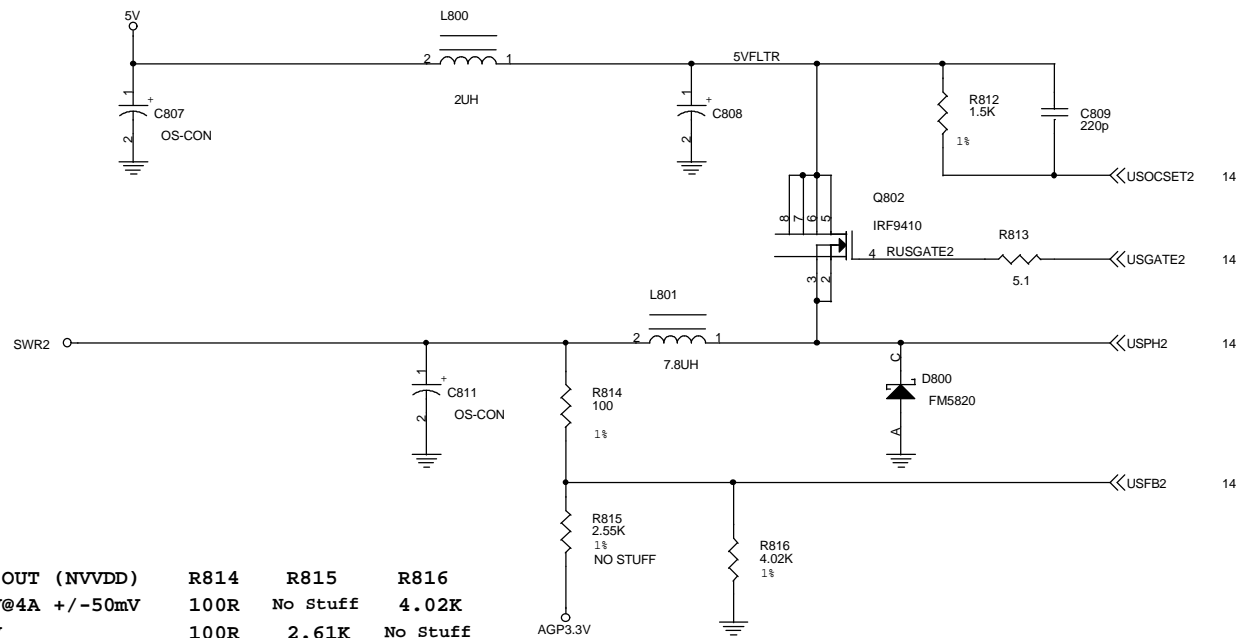


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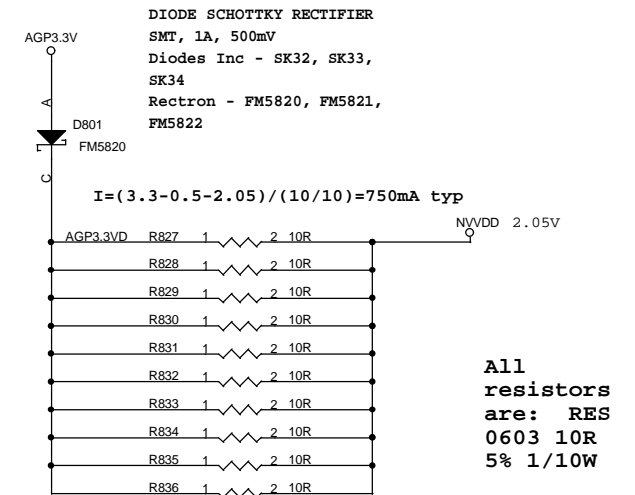


SWR2 OUT (NVVDD)
 2.05V@4A +/-50mV
 1.95V

R814	R815	R816
100R	No Stuff	4.02K
100R	2.61K	No Stuff

$$R816 = 100 / ((2.05V/2) - 1)$$

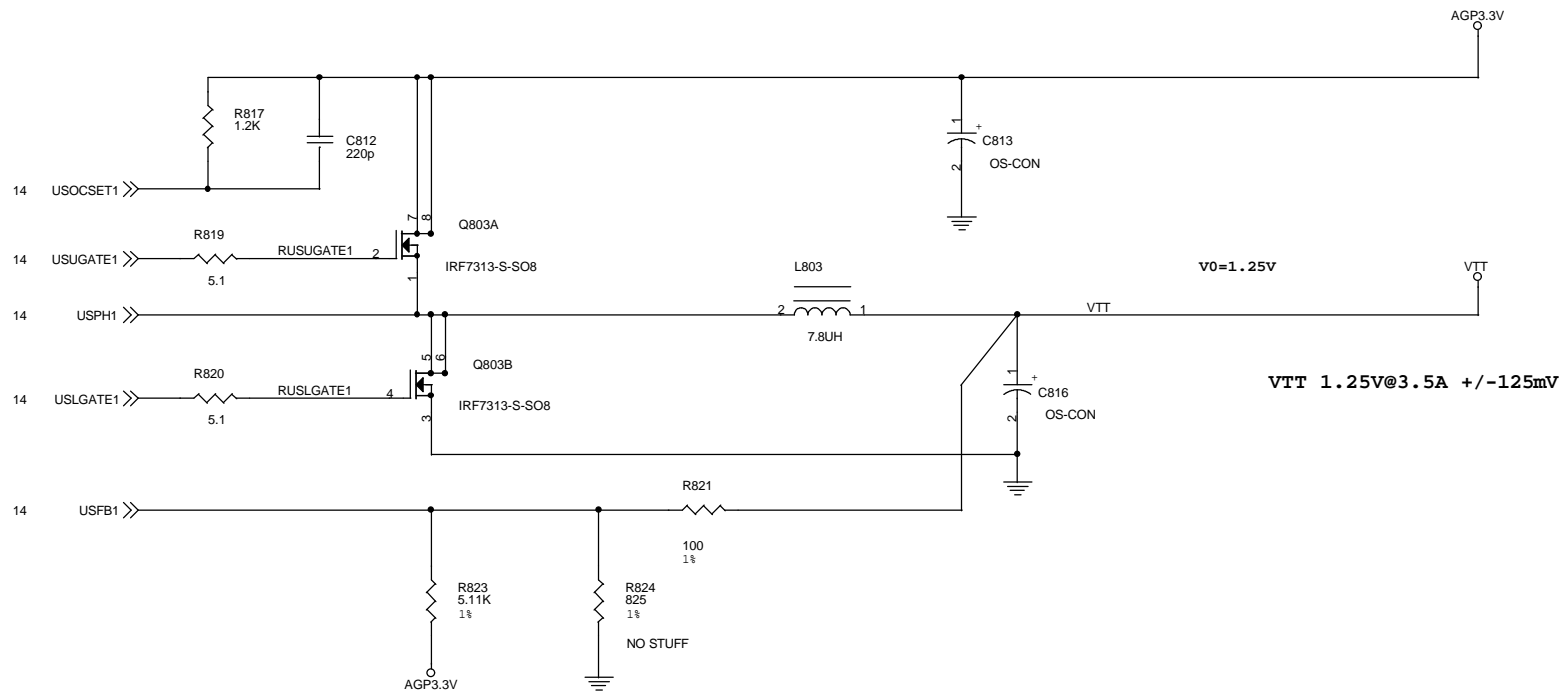
$$R815 = 130 / (2 - 1.95V)$$



Our measurements show that we are consuming slightly more power on the AGP 3.3V supply than the AGP spec allows. The attached circuit is needed to supply some power to the NVVDD circuit from 3.3V and thus reduce the power need on 5V to be below AGP limit. Please implement this circuit on 8836.

NV15 DDR POWER ADDER

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NV15 VTT POWER ADDER

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