

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

HISTORY REVISION FROM A01:

- 1) B00: Added LC TMDS filters on TX- signals on bottom side near the DVI-I connector.
- 2) B00: Changed R217 to 267R 1%.
- 3) B00: Changed R500 to 825R 1%.

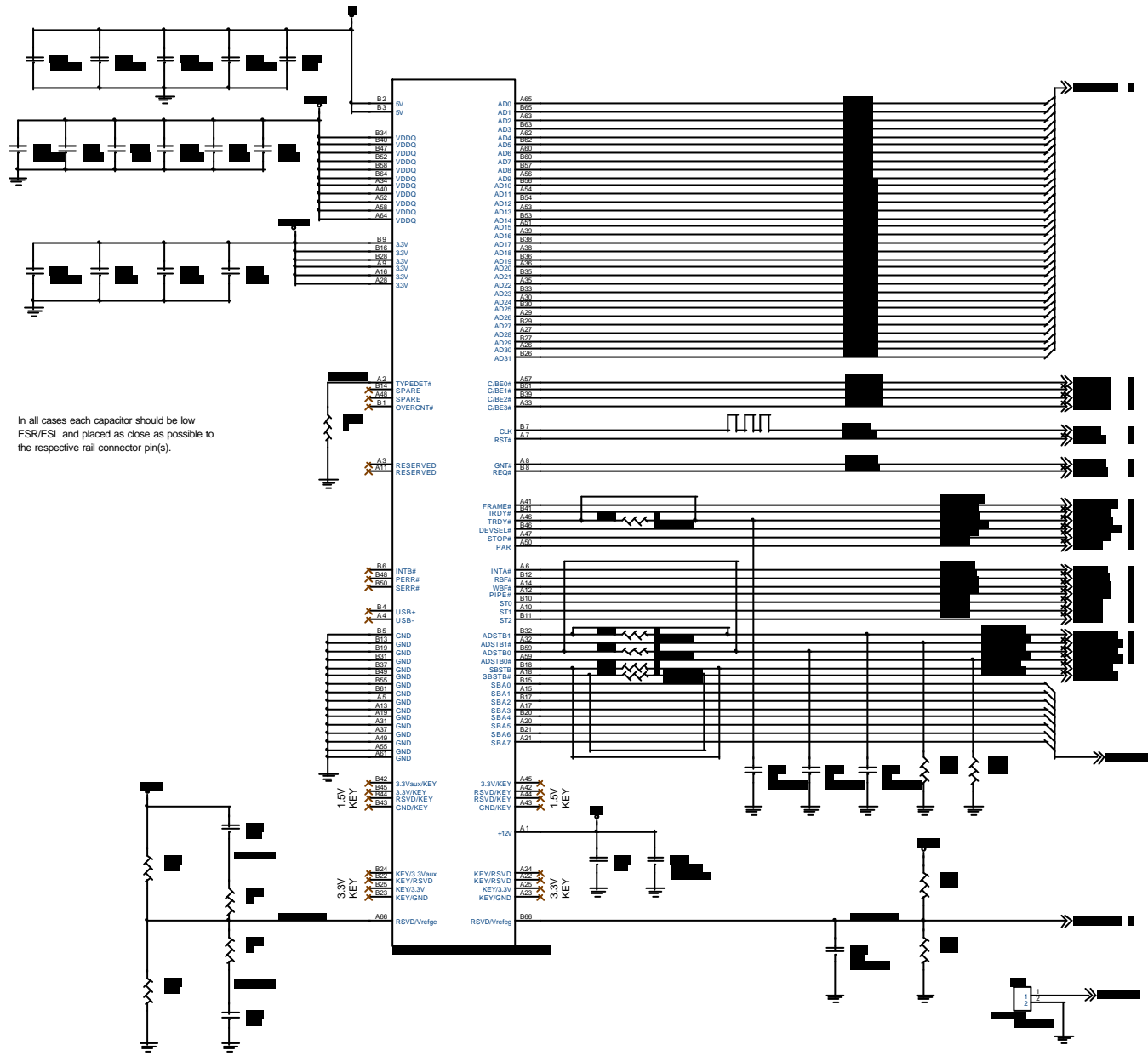


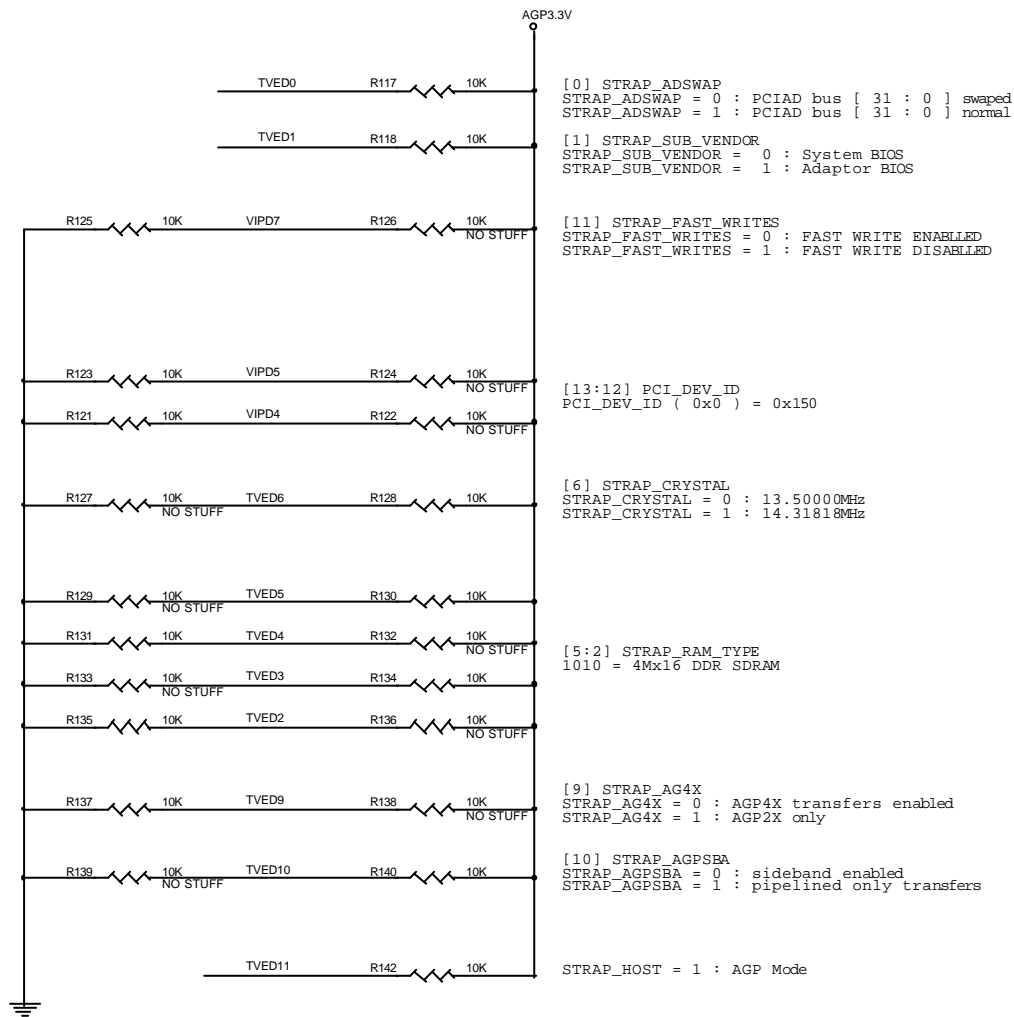
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[0] STRAP_AD_SWAP
STRAP_AD_SWAP = 0 : PCIAD bus [31 : 0] swapped
STRAP_AD_SWAP = 1 : PCIAD bus [31 : 0] normal

[1] STRAP_SUB_VENDOR
STRAP_SUB_VENDOR = 0 : System BIOS
STRAP_SUB_VENDOR = 1 : Adaptor BIOS

[11] STRAP_FAST_WRITES
STRAP_FAST_WRITES = 0 : FAST WRITE ENABLED
STRAP_FAST_WRITES = 1 : FAST WRITE DISABLED

[13:12] PCI_DEV_ID
PCI_DEV_ID (0x0) = 0x150

[6] STRAP_CRYSTAL
STRAP_CRYSTAL = 0 : 13.50000MHz
STRAP_CRYSTAL = 1 : 14.31818MHz

[5:2] STRAP_RAM_TYPE
1010 = 4Mx16 DDR SDRAM

[9] STRAP_AG4X
STRAP_AG4X = 0 : AGP4X transfers enabled
STRAP_AG4X = 1 : AGP2X only

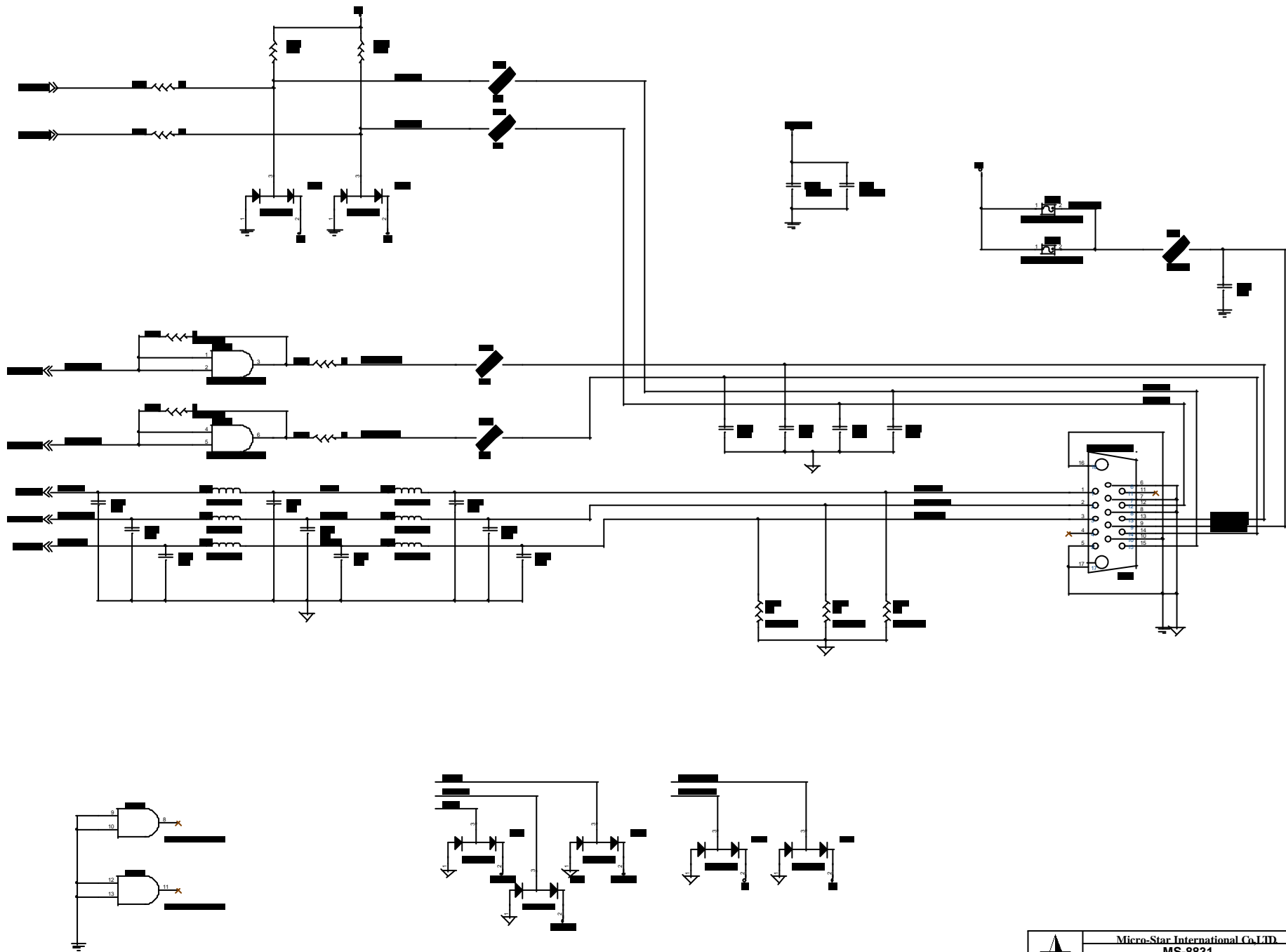
[10] STRAP_AGPSBA
STRAP_AGPSBA = 0 : sideband enabled
STRAP_AGPSBA = 1 : pipelined only transfers

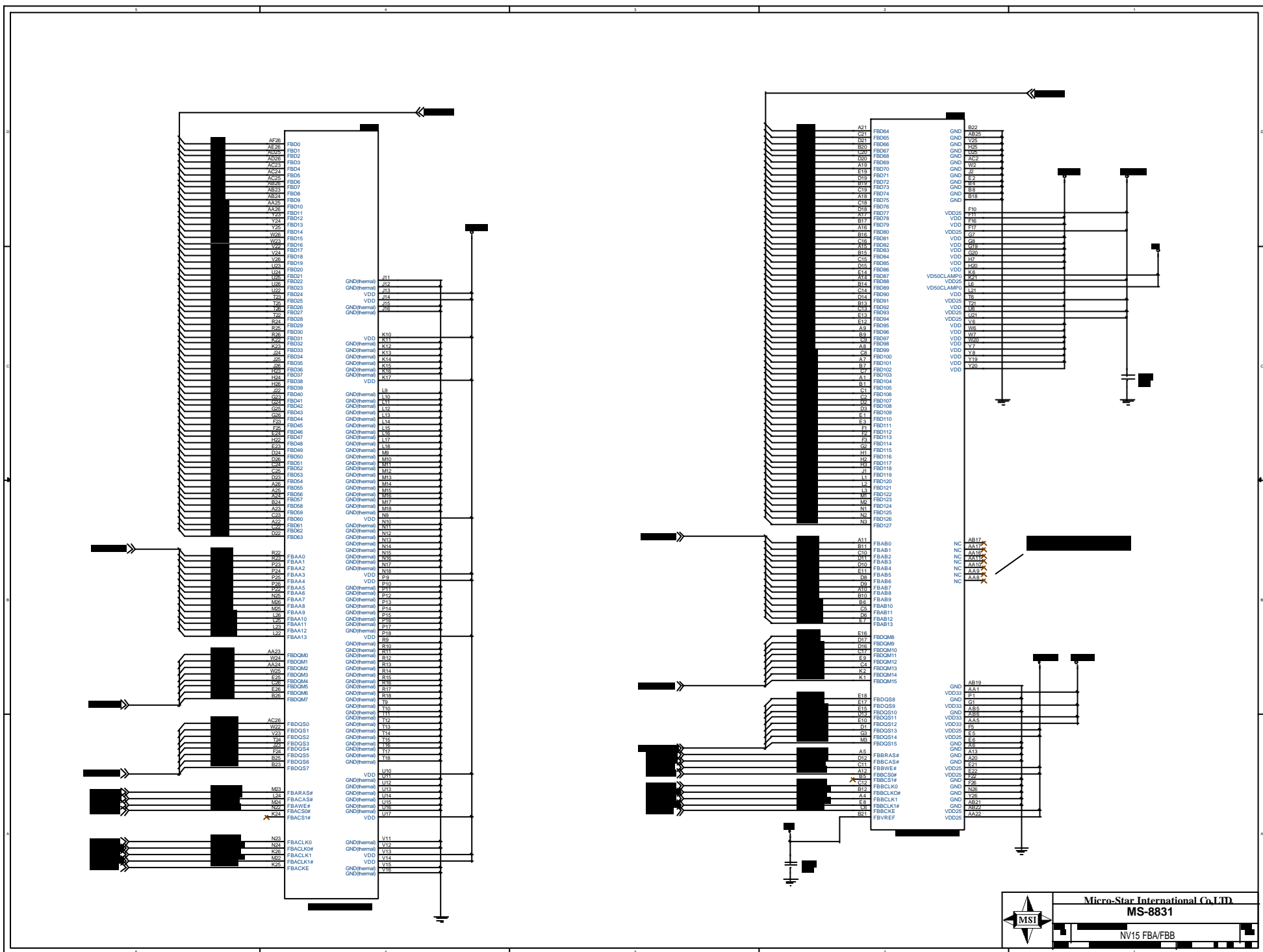


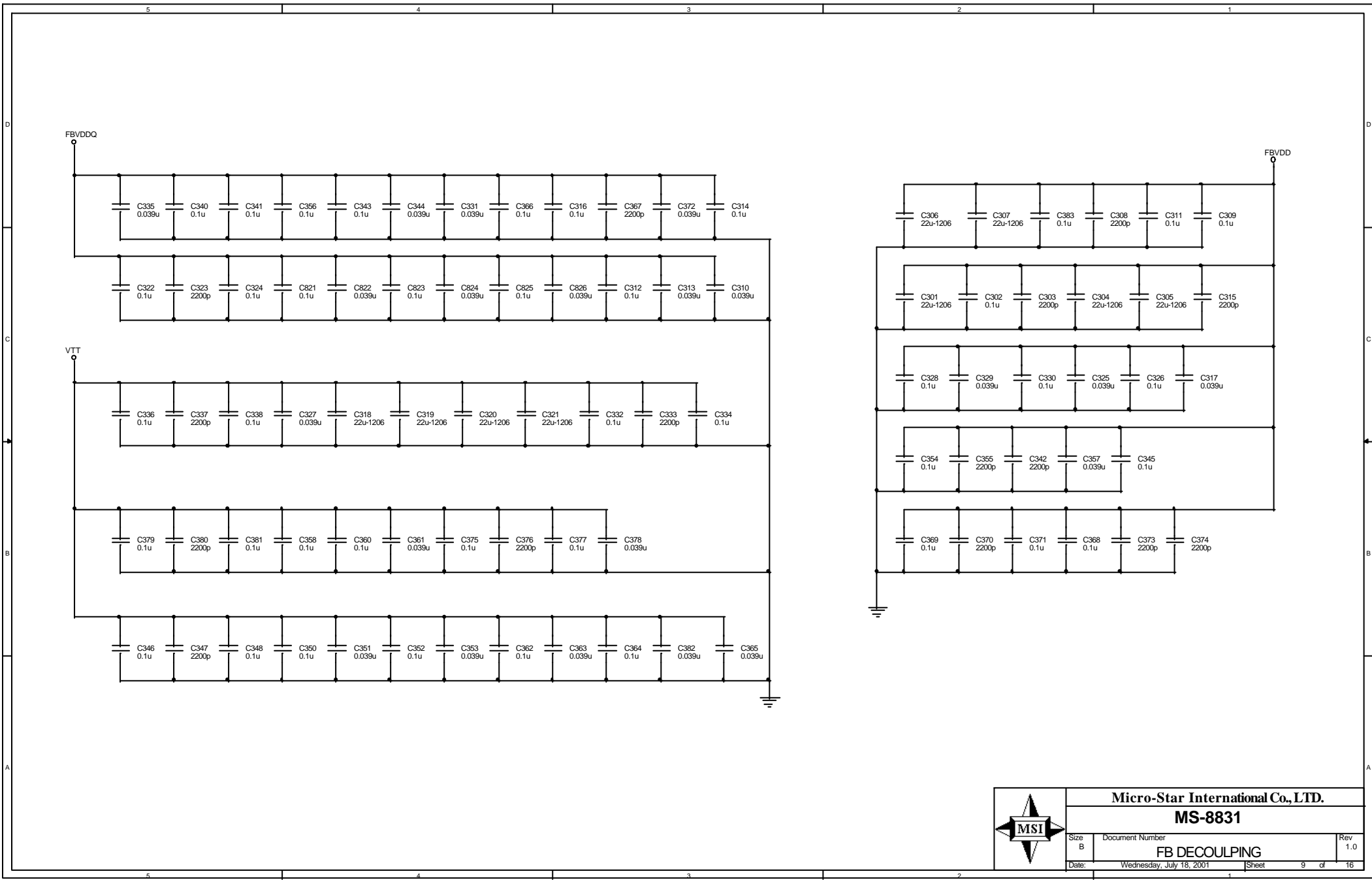
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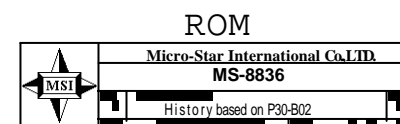


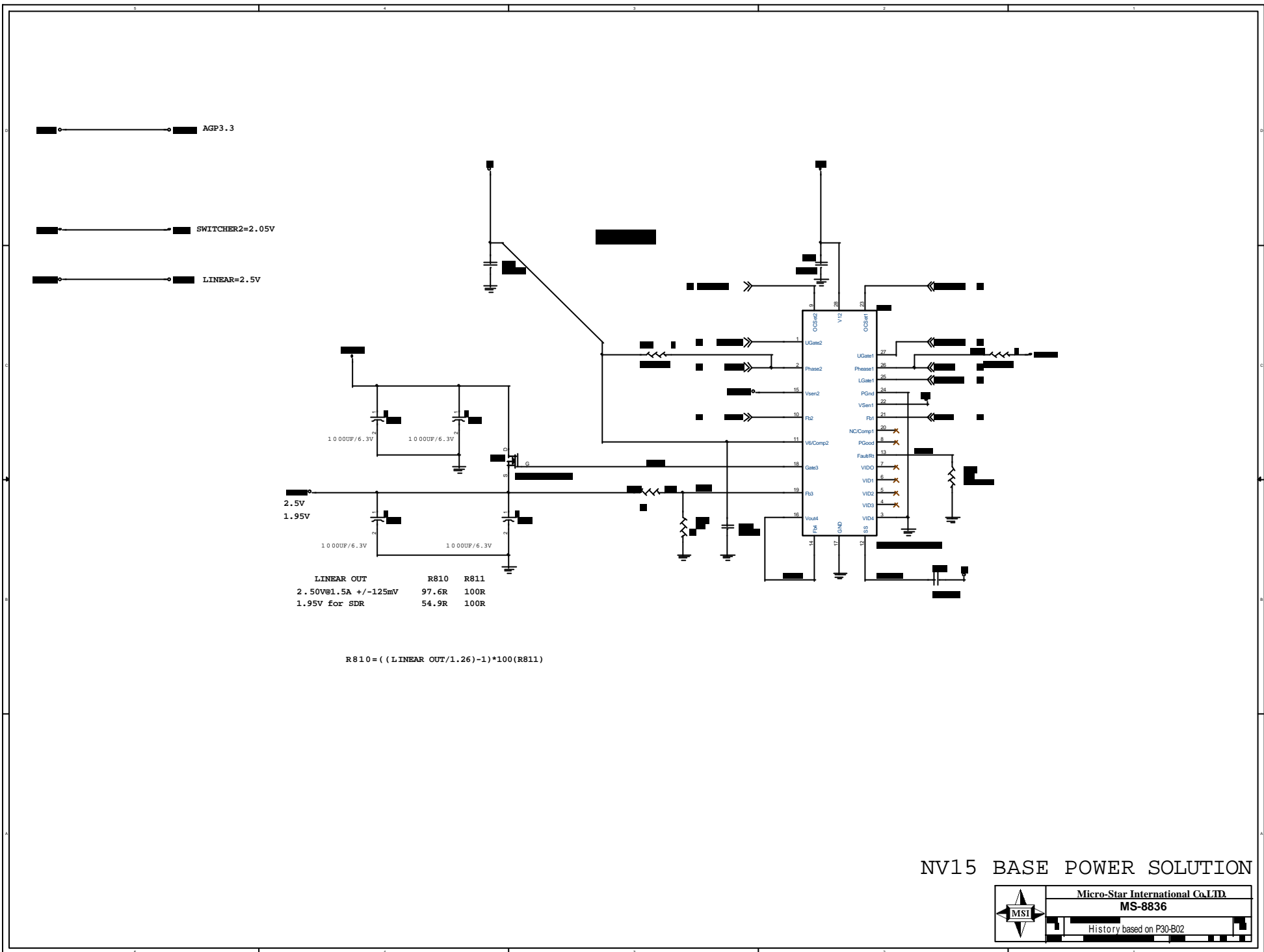
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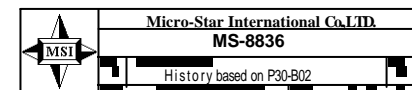
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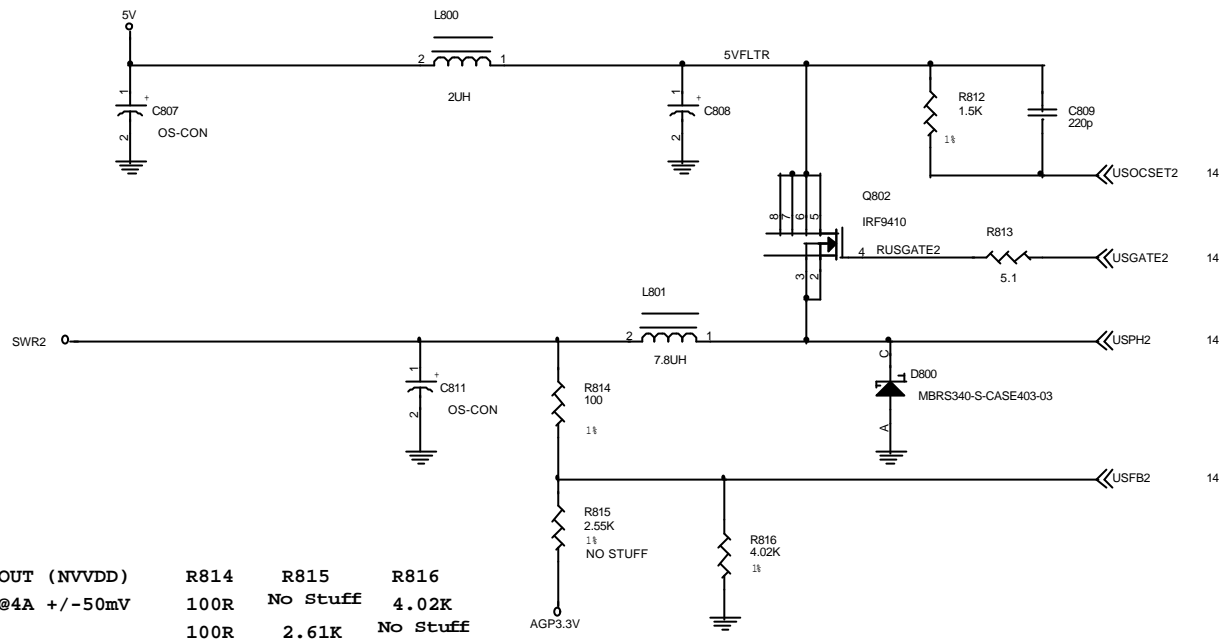






NV15 BASE POWER SOLUTION




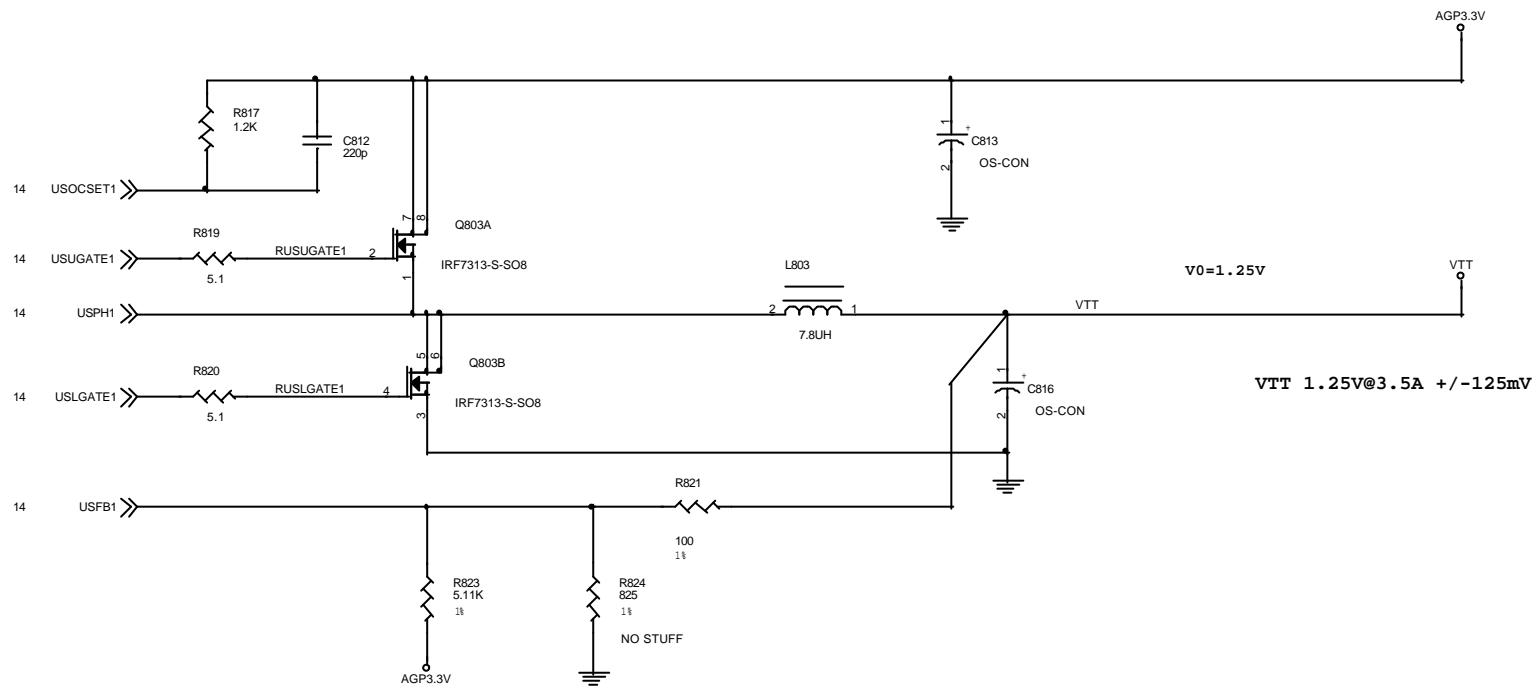


$$R816=100/((2.05V/2)-1)$$

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

NV15 DDR POWER ADDER

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NV15 VTT POWER ADDER



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