

NV20, 4MX16 DDR, RGB, EXTERNAL DVI-I, TV-DOWN, TV IF, AGP4X

PCI DEVICE ID 0X0=0X200 FOR NV20.

NVVD SET TO: 1.67V FOR -H CHIP
FBVDD SET TO: 3.47V
FBVDDQ SET TO: 2.59V

HISTORY REVISION:

X00: Based on P50-A06

- See change list in 149- file.
- Set FBVDDQ=2.59V

P50-A07-X01:

- Changed all memory clk/clk# diff pair resistors to 68R 5% (from 47R)

P50-A08:

- X04: - Delay PLL_VDD to come up after NVDD.
- X05: - Added 1UF accross R257.
- X06: - Removed X04-5 above, added a switcher generated PLL delay option.
 - SSEN A cap for 2nd SW changed to 1UF.
 - A05 Si, NVVD=1.52V

P50-A09:

- X02: - Changed PLL VDD and DAC VDD to be gated by Fet controlled by FBVDD power good signal.
- X03: - Added option to pull up power good to 12V

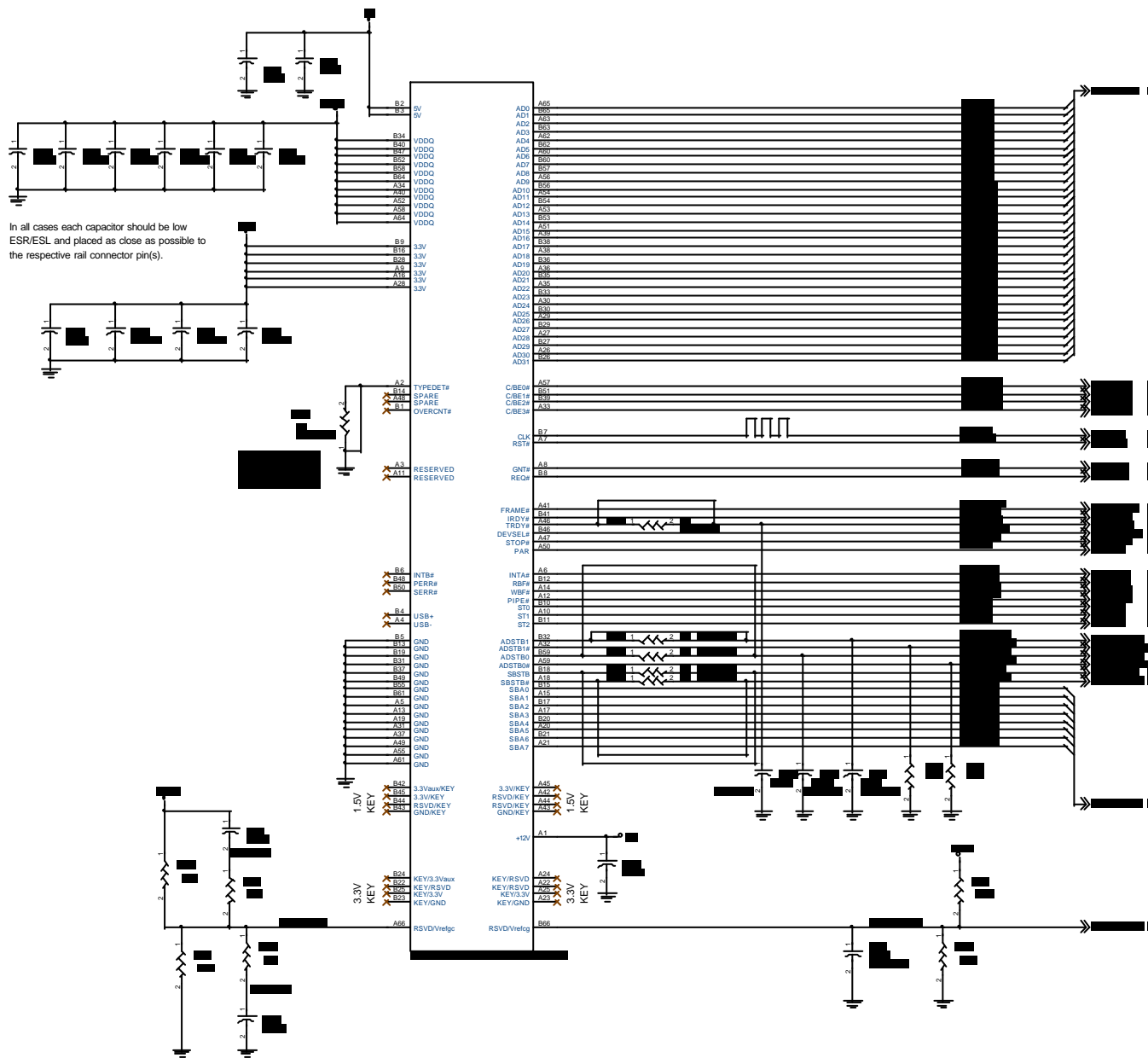
EC01235: - Changed R841 PU to 10K (from 4.7K)

EC01373: - Moved 75 ohm termination closer to filter for noise level reduction.
Replaced C303,306,309 with 75ohm and no stuffed R208-210.



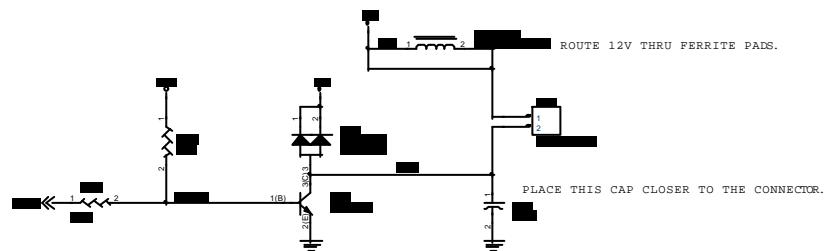
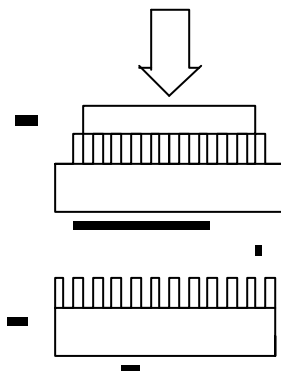
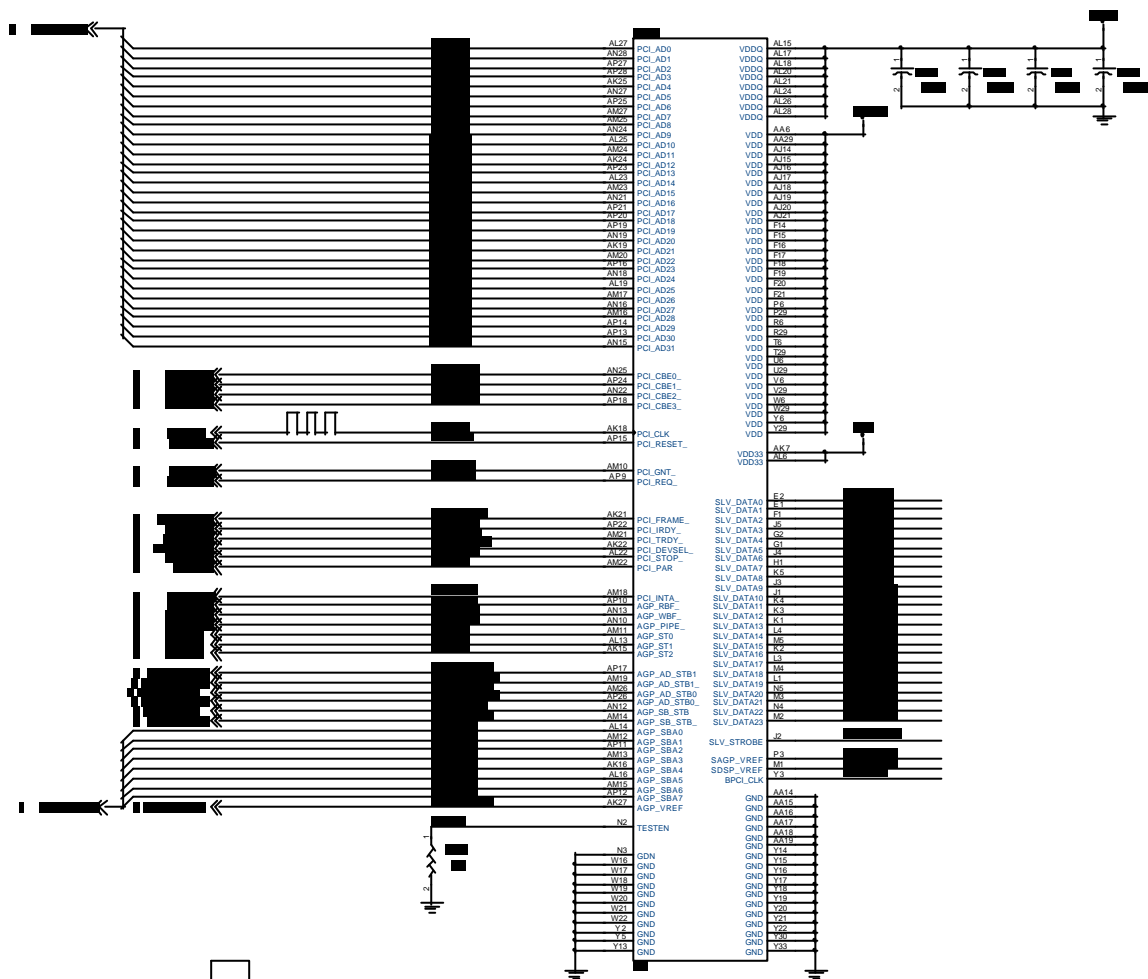
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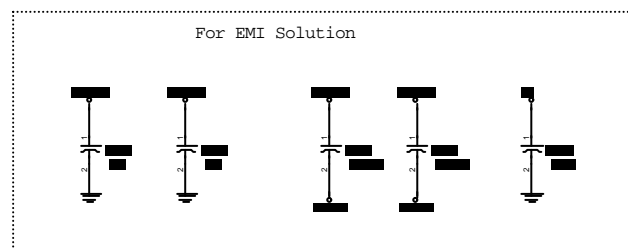
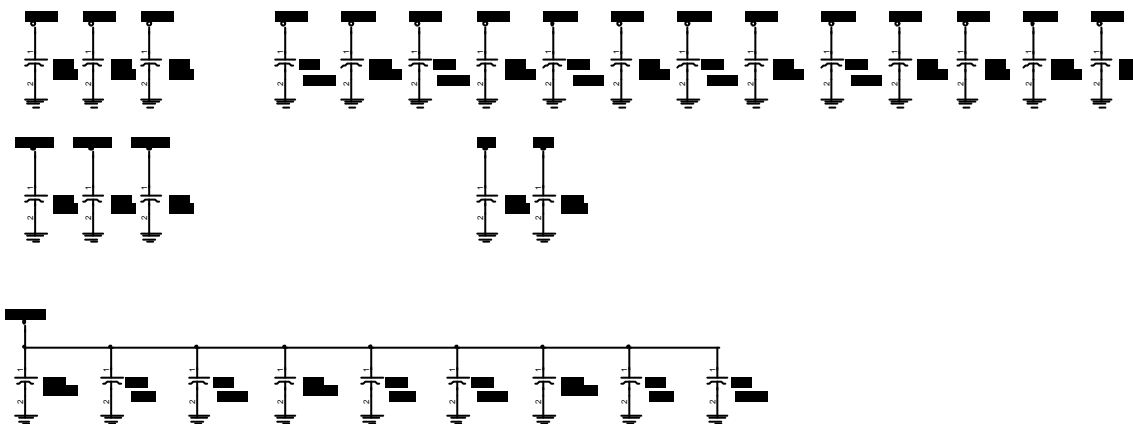
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BUS I/O





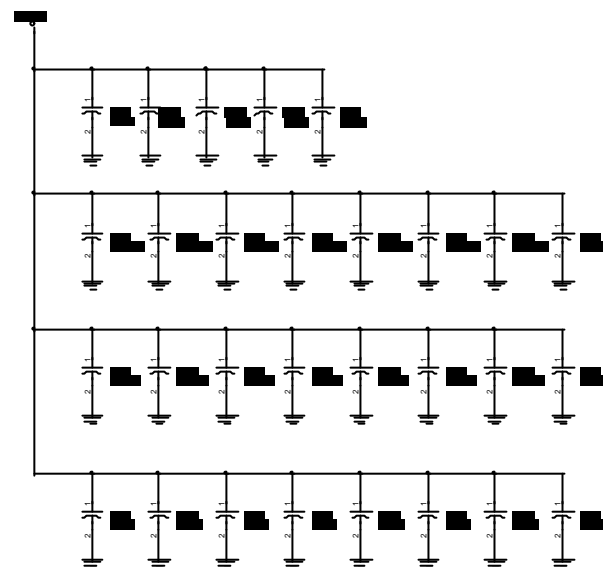
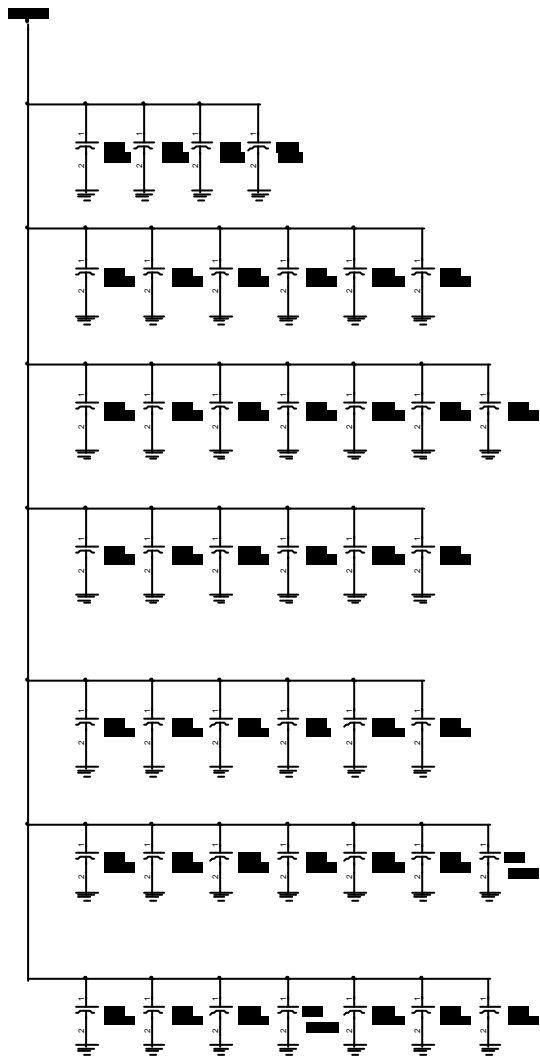


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NV20 HOST STRAPS

ECO1373: - Moved 75 ohm
termination closer to filter
for noise level reduction.
Replaced C303,306,309 with
75ohm and no stuffed R208-210.

NV20 FBA/B/C/D



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FB DECOUPLING 4MX16 SDRAM

