

MSI 6368 SCHEMATIC REV:1

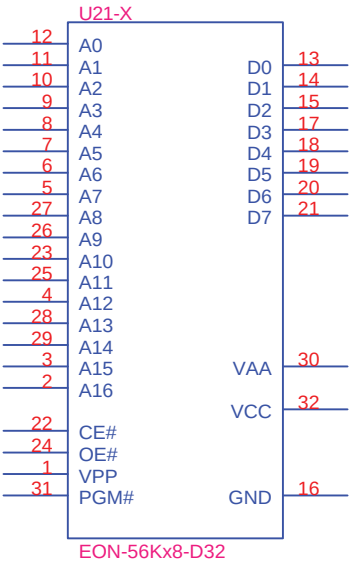
VIA VT8601/82C686 CHIPSET PLATFORM DESIGN
SOCKET 370 / TWO DIMM MICRO-ATX

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- N900
N58-16F0021-A10
- LSJ1(13-14)
N33-1020031
- LSJ1(11-12)
N33-1020031
- C
JFP1(14-15)



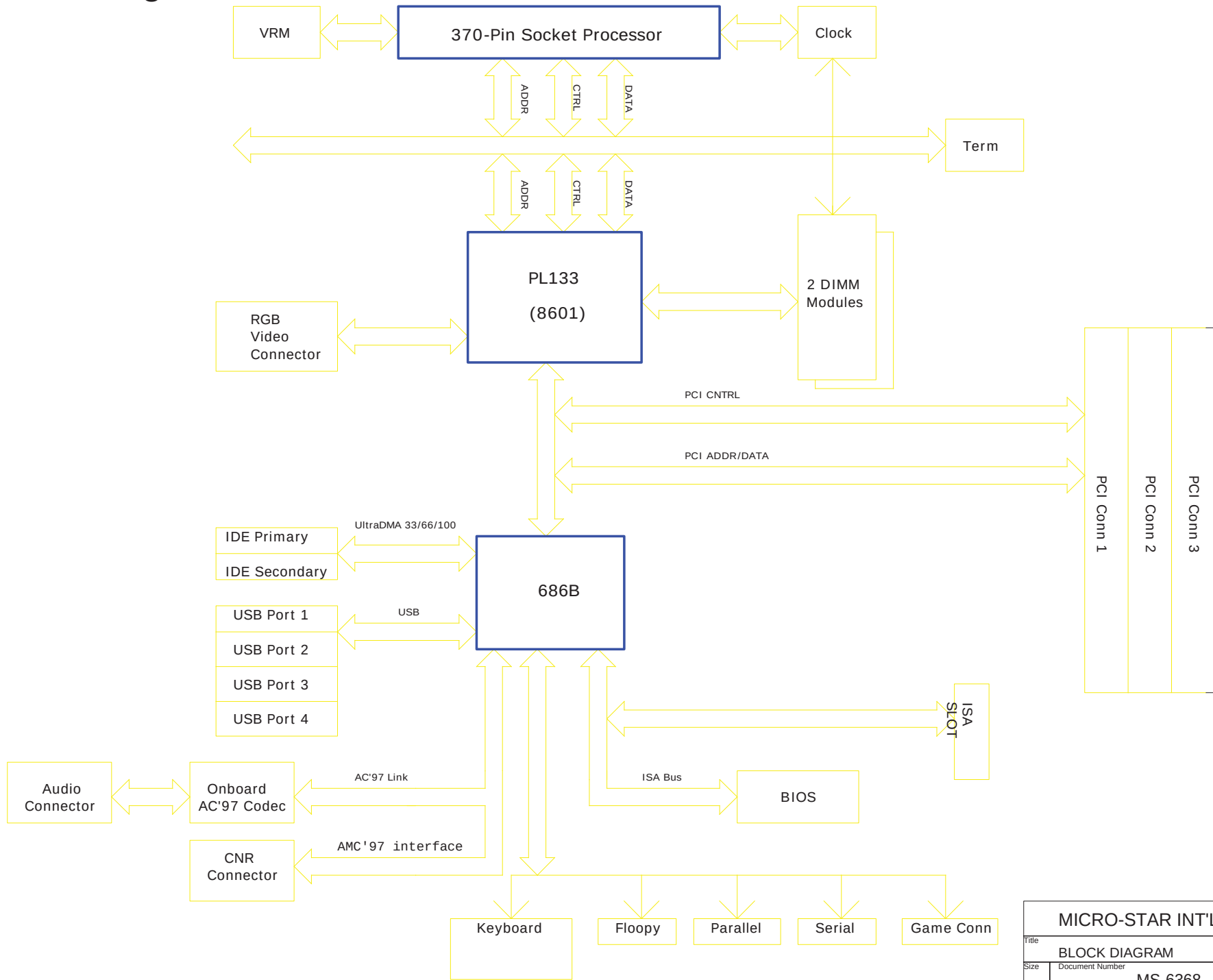
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U900

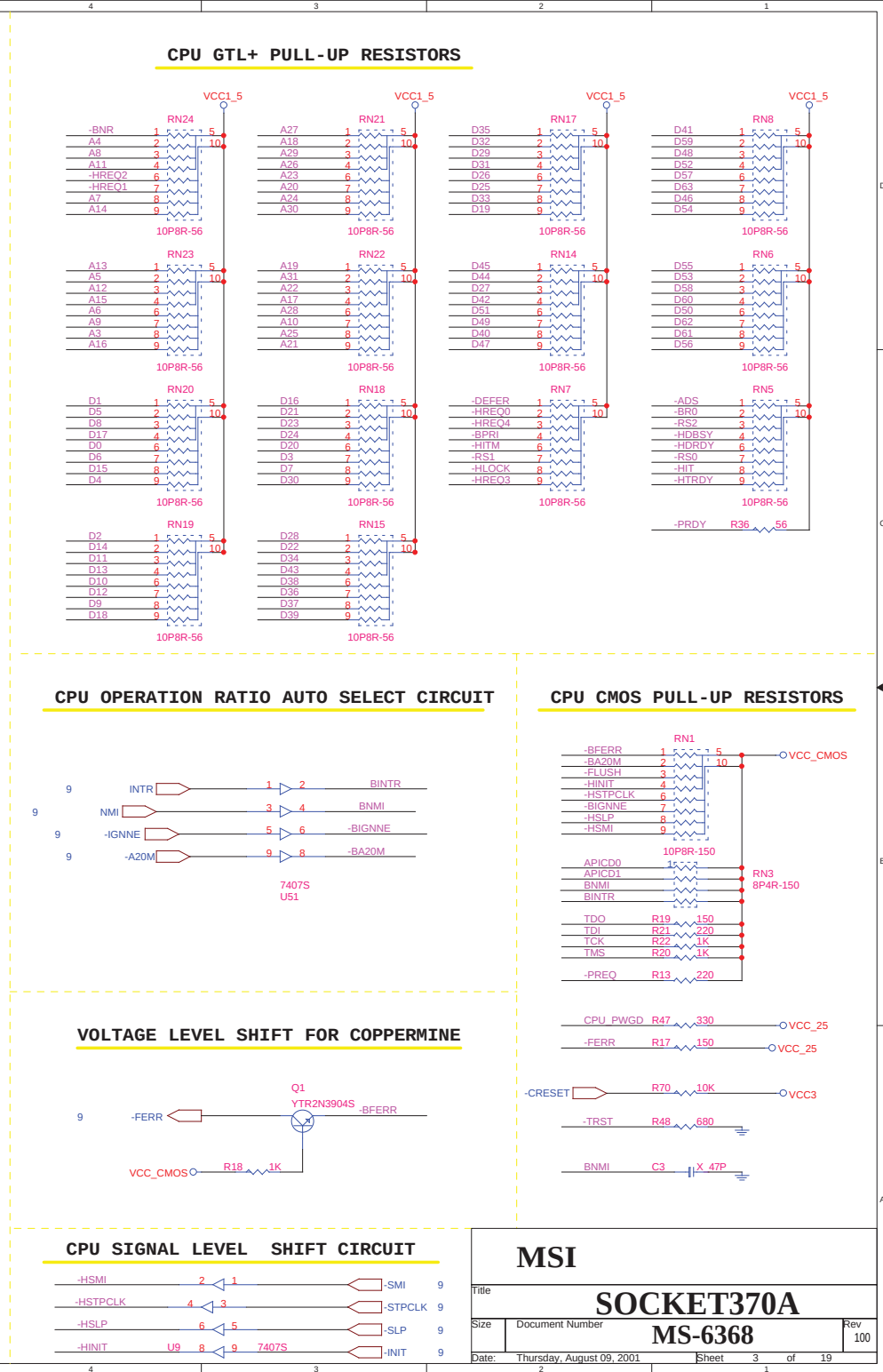
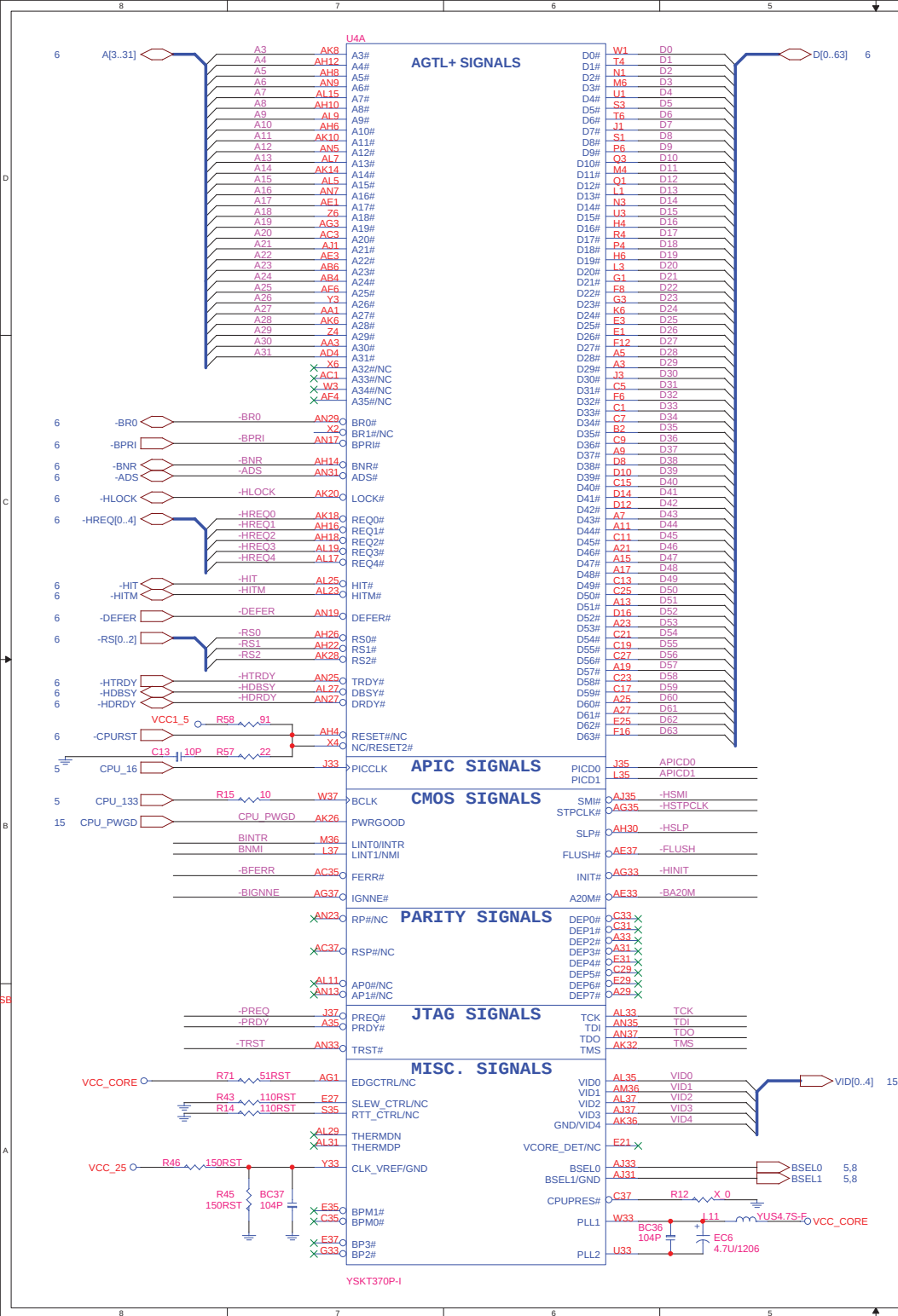
VT8601

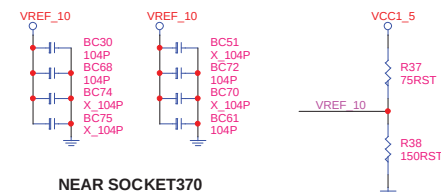
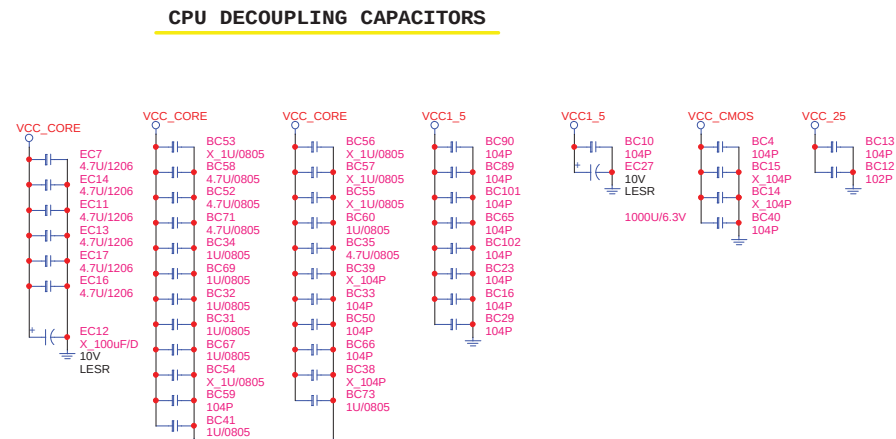
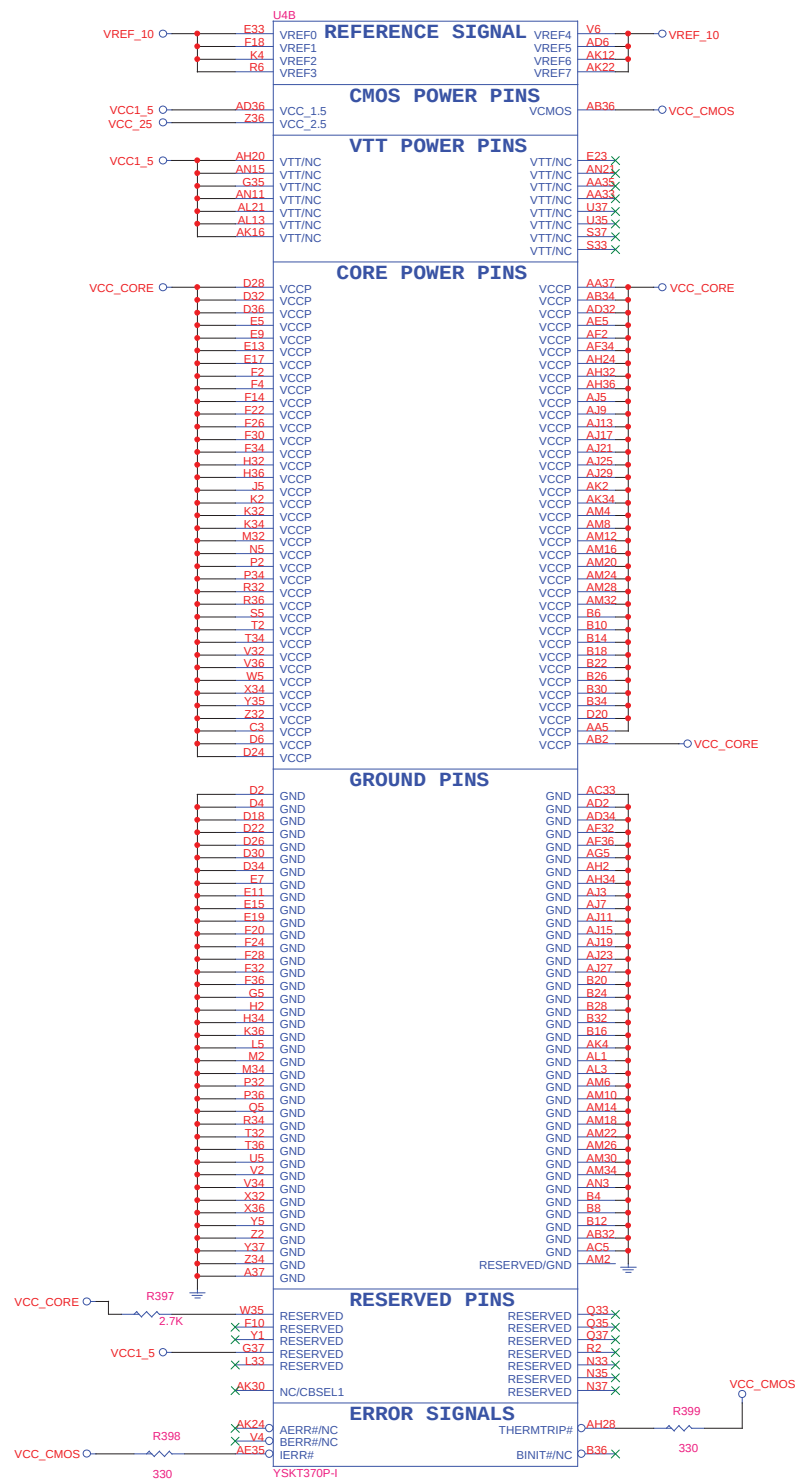
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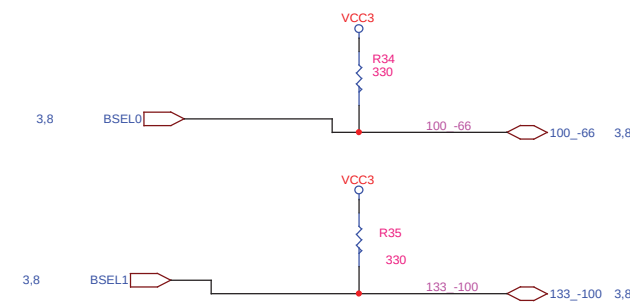
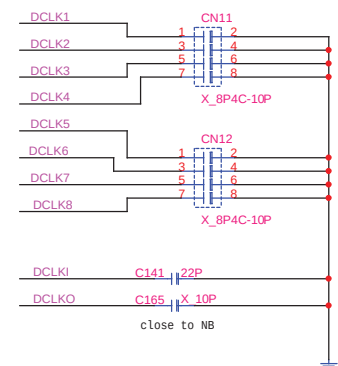
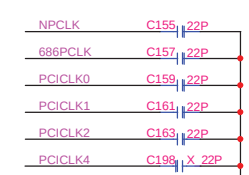
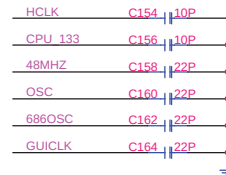
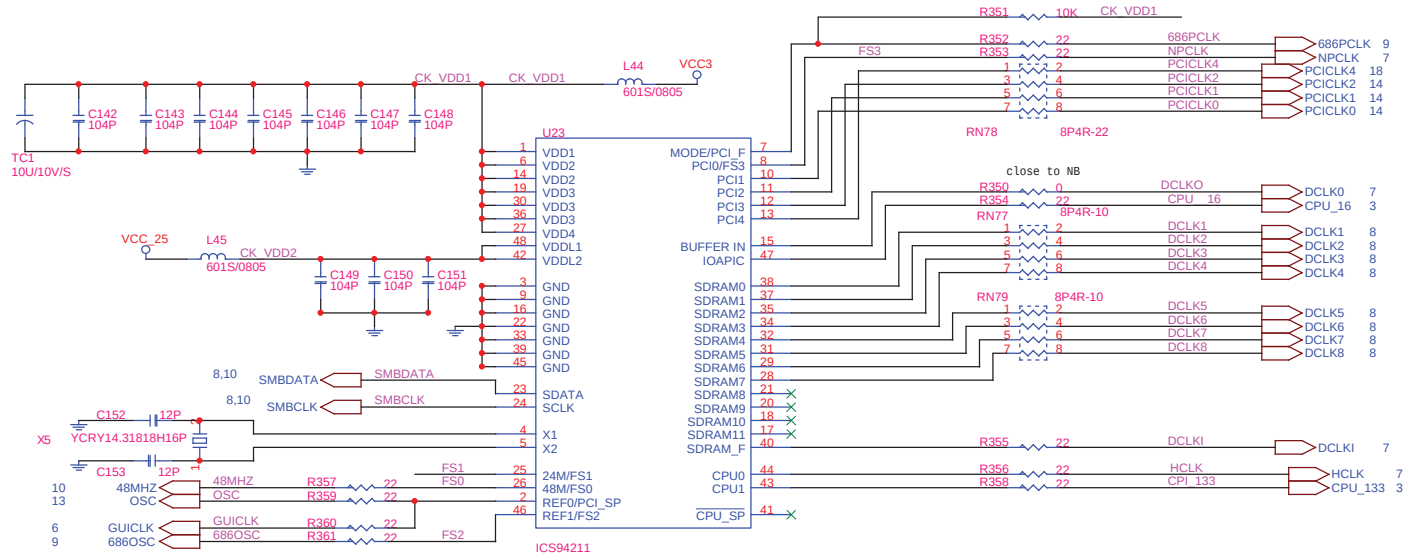
Block Diagram

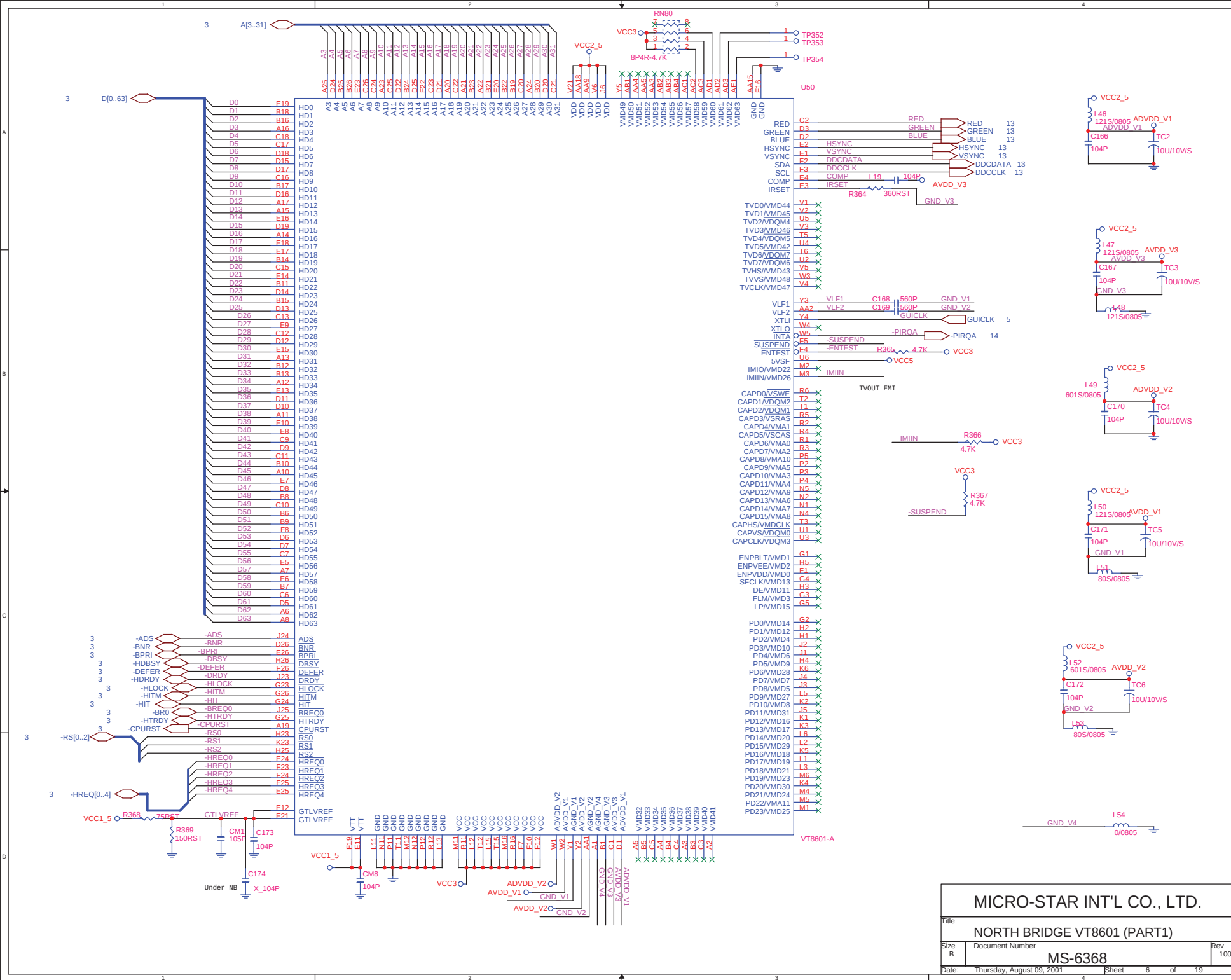


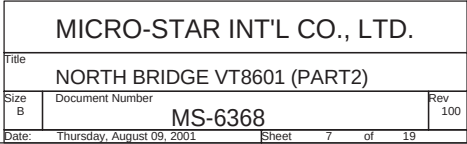
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BLOCK DIAGRAM			
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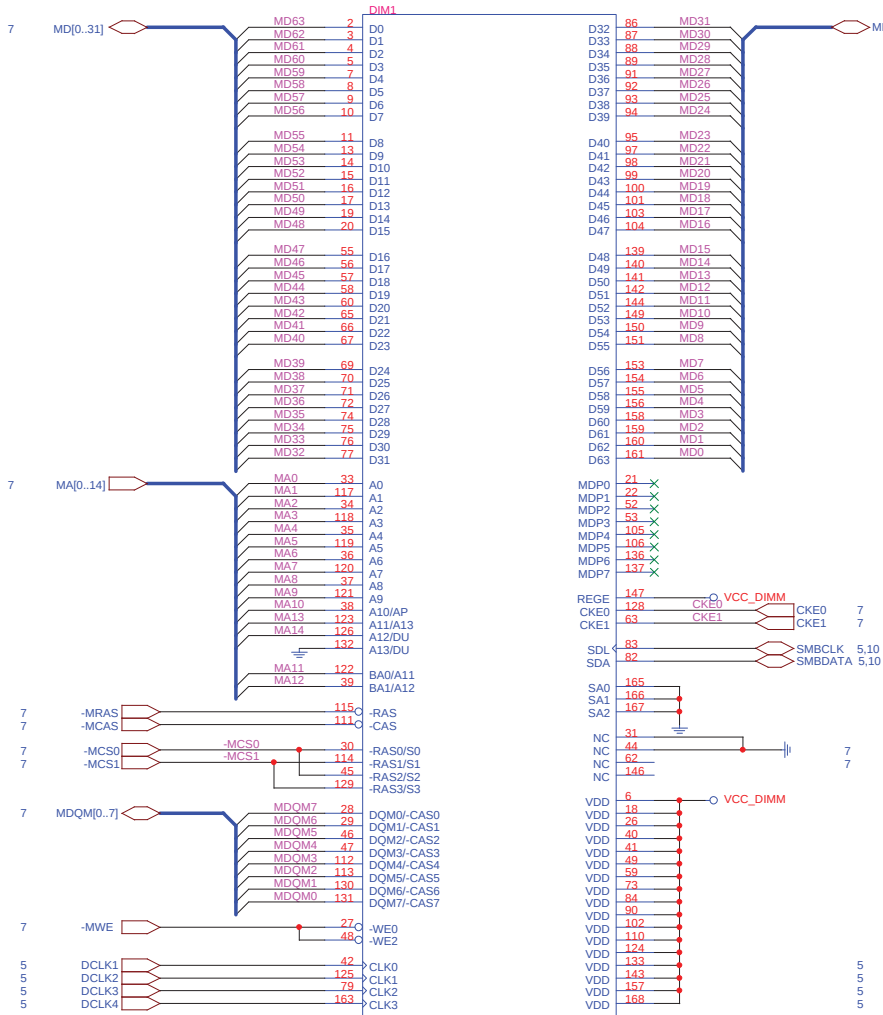






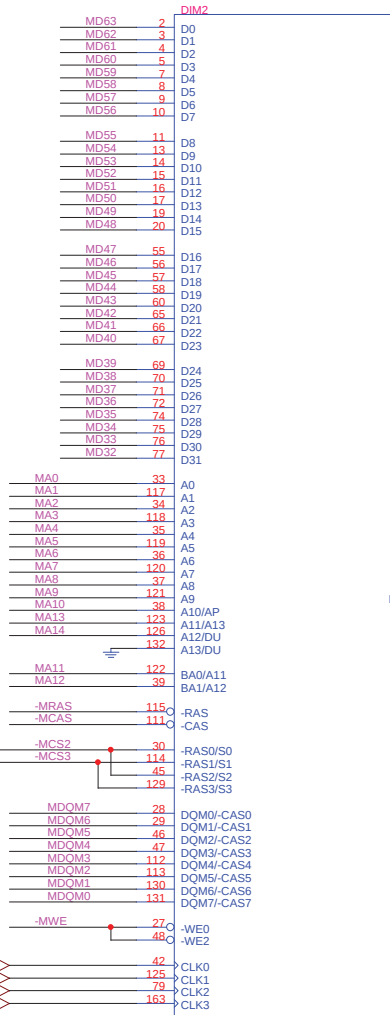


DIMM1



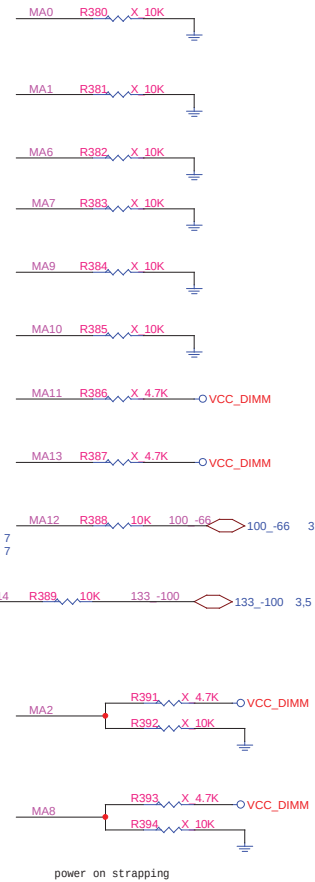
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DIMM2



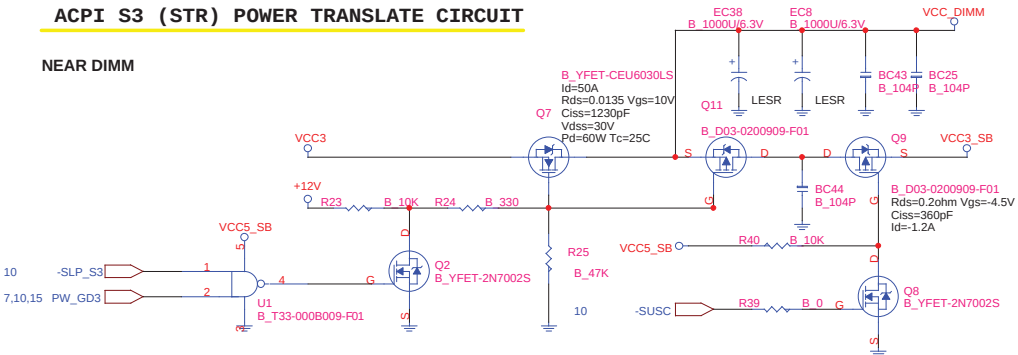
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NOTE: -MCS[0:5] AND -MWE TRACE ARE 10MILS FROM VT8605 OUTPUT, AND ROUTING TWO DIFFERENT TRACE TO DIMM.

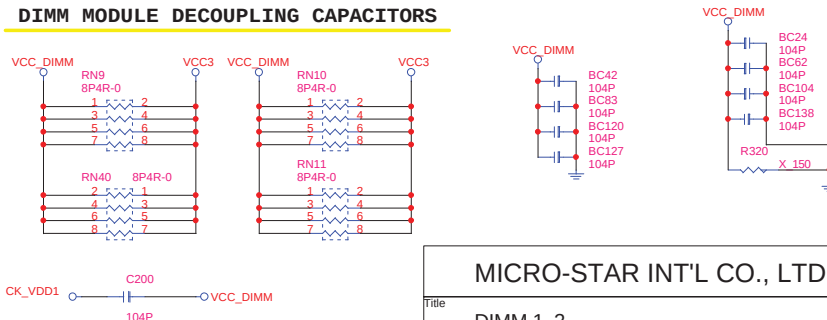


ACPI S3 (STR) POWER TRANSLATE CIRCUIT

NEAR DIMM

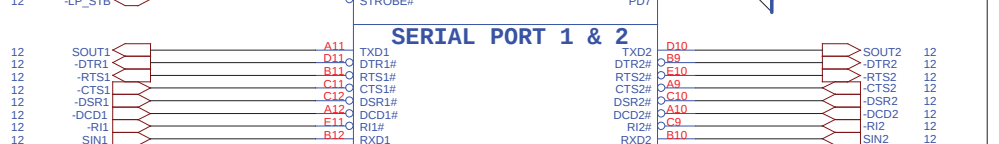
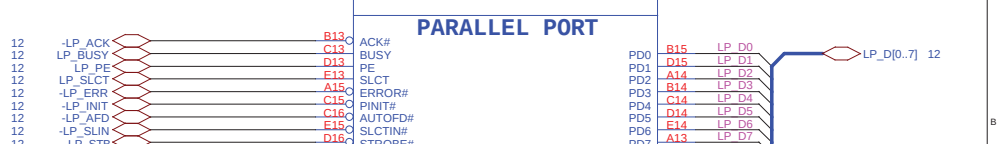
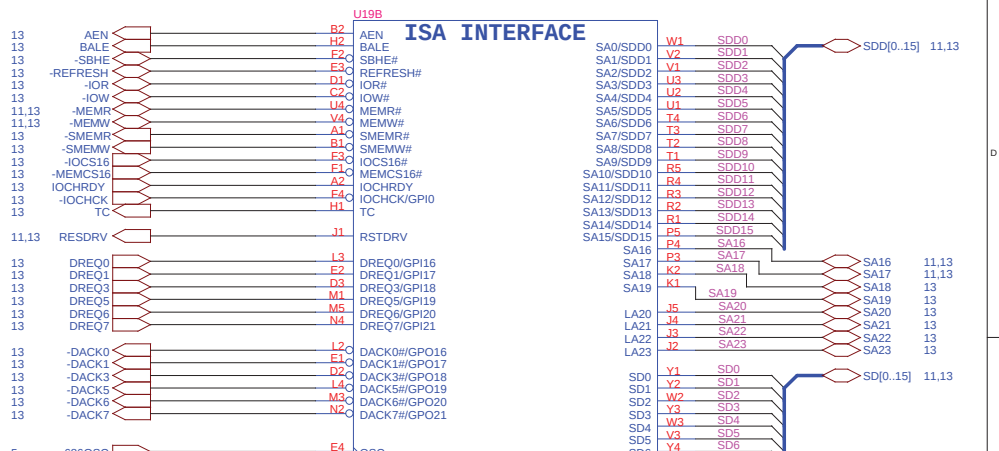
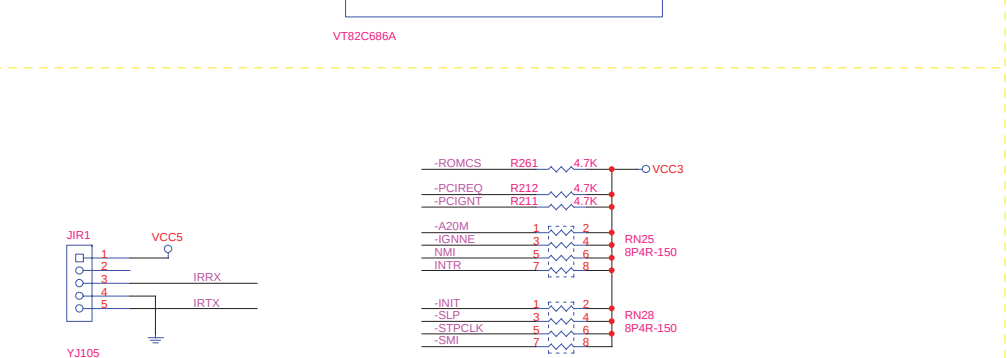
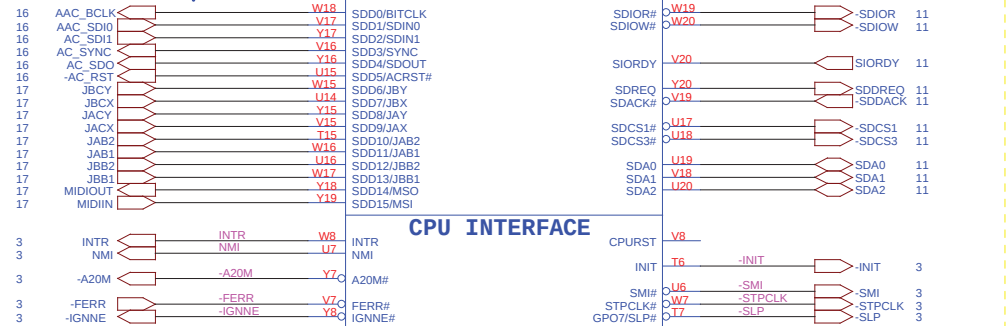
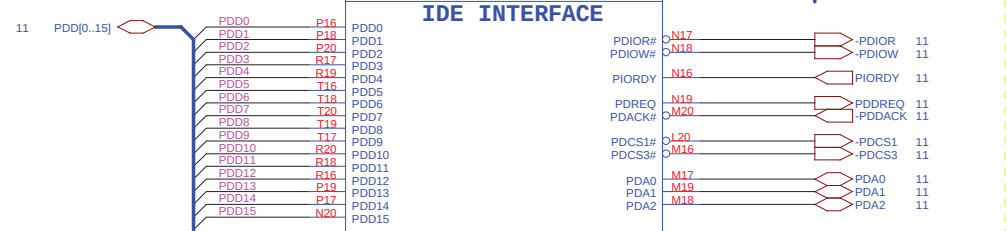
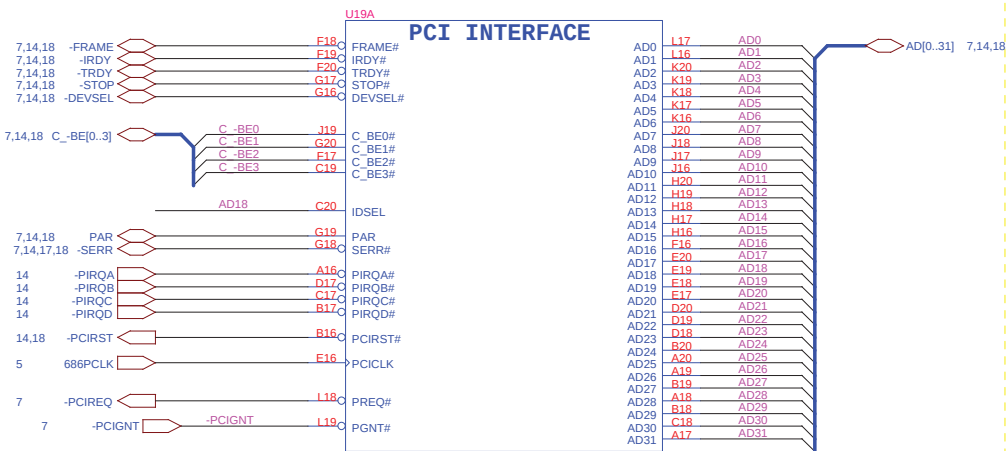


DIMM MODULE DECOUPLING CAPACITORS



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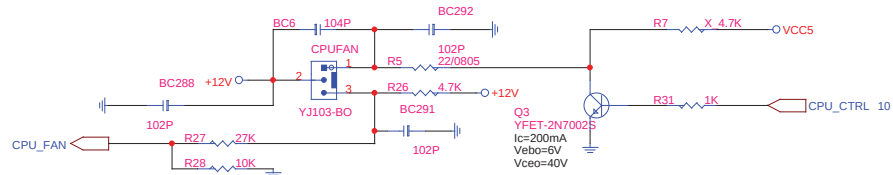
MICRO-STAR INT'L CO., LTD.

Title VT82C686A (PART 1)

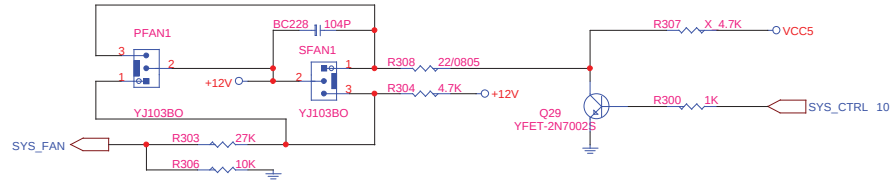
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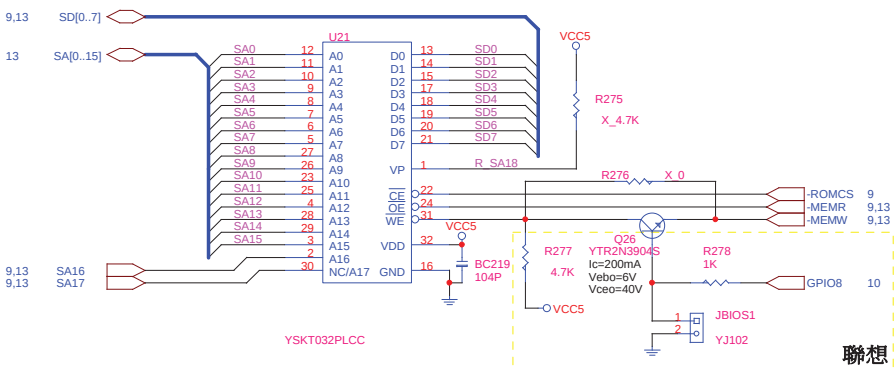
PROCESSOR 1 FAN CONNECT (CLOSE TO SLOT)



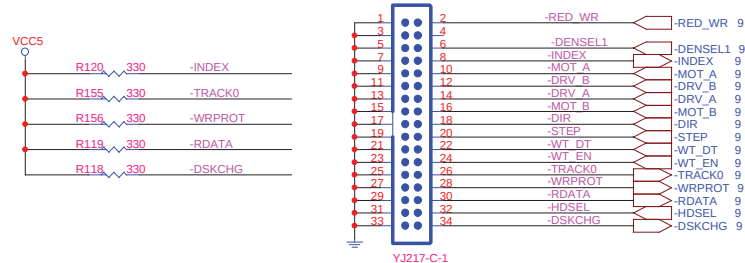
CHASSIS FAN CONNECTOR (CLOSE TO ISA SLOT)



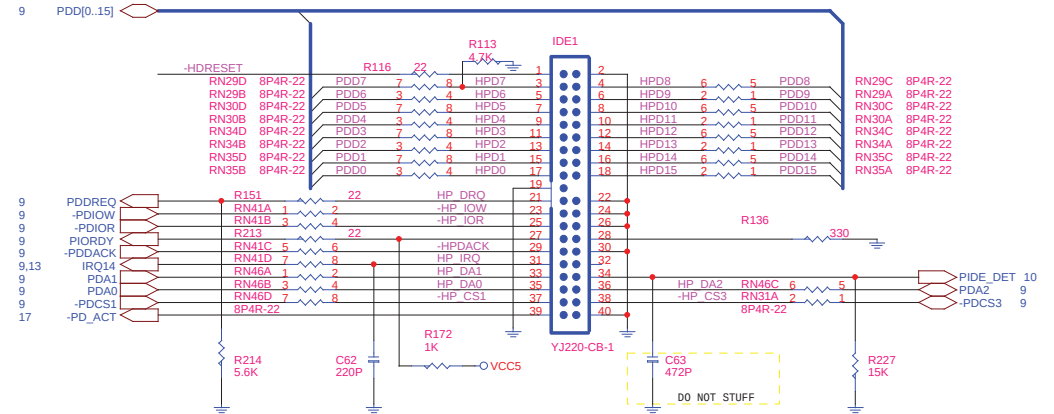
2M BIT PLCC FLASH EEPROM



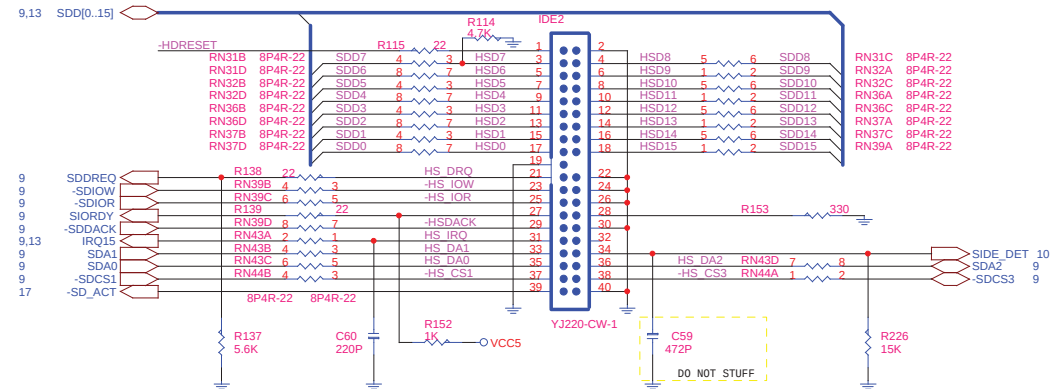
FLOPPY CONNECTOR



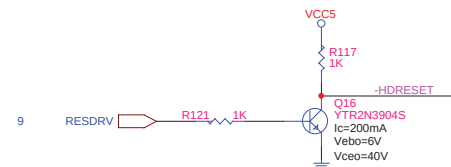
ATA33/66 PRIMARY IDE CONNECTOR



ATA33/66 SECONDARY IDE CONNECTOR



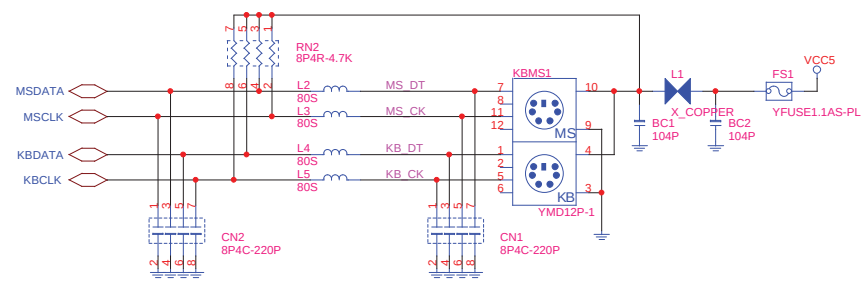
IDE RESET GENERATOR CIRCUIT



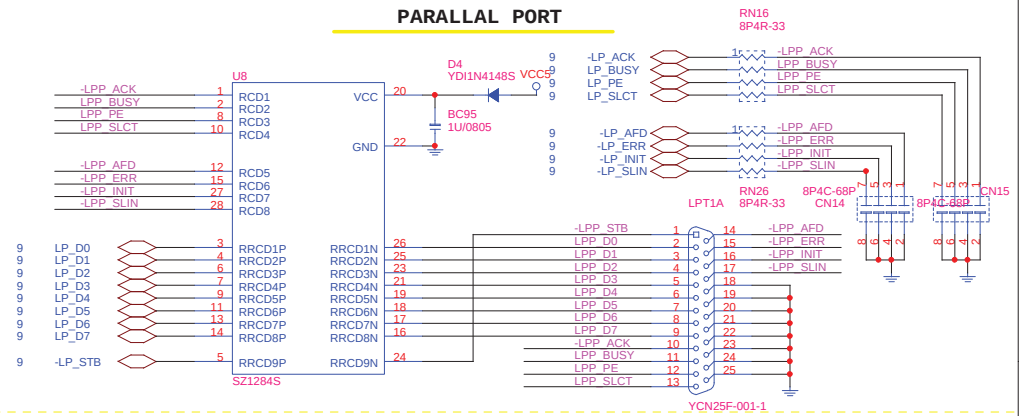
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Title			
FAN/IDE/BIOS/FDD			
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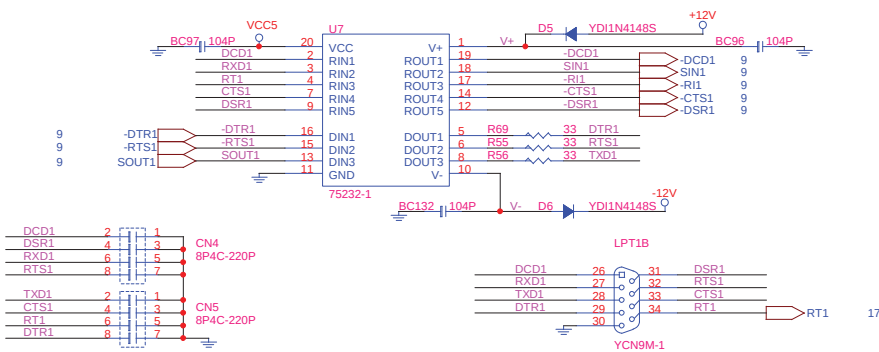
PS2 KEYBOARD & MOUSE CONNECT



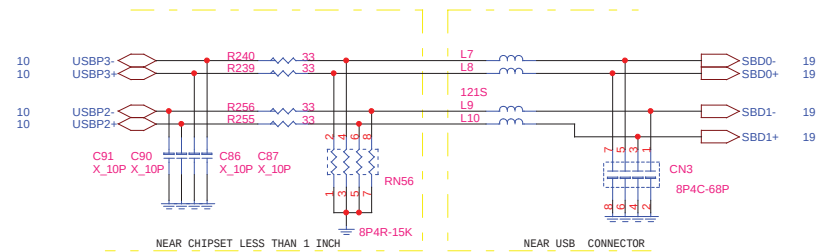
PARALLAL PORT



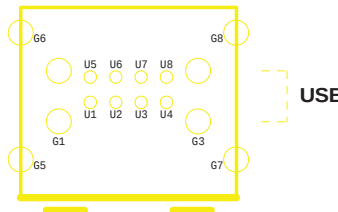
SERIAL PORT 1



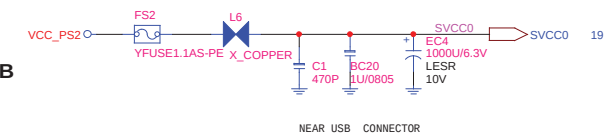
BACK PANEL USB CONNECTOR



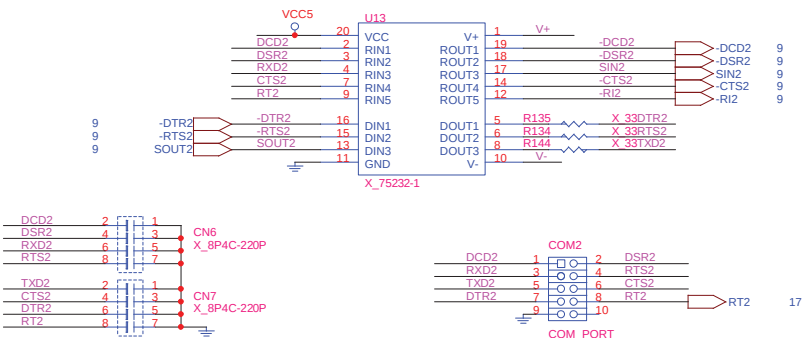
RJ45_USB FOXCONN HUB TOP VIEW



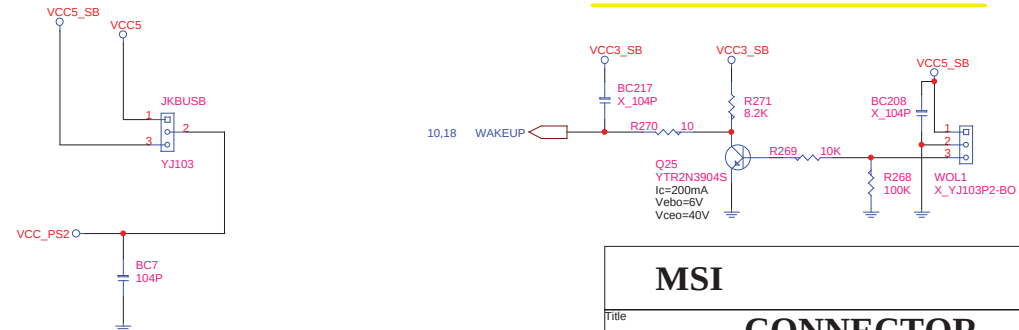
POWER CIRCUIT FOR USB PORT 0,1



SERIAL PORT 2



PCI WAKE ON LAN CONNECTOR



MSI

CONNECTOR

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ISA SLOT



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VGA PORT /ISA SLOT			
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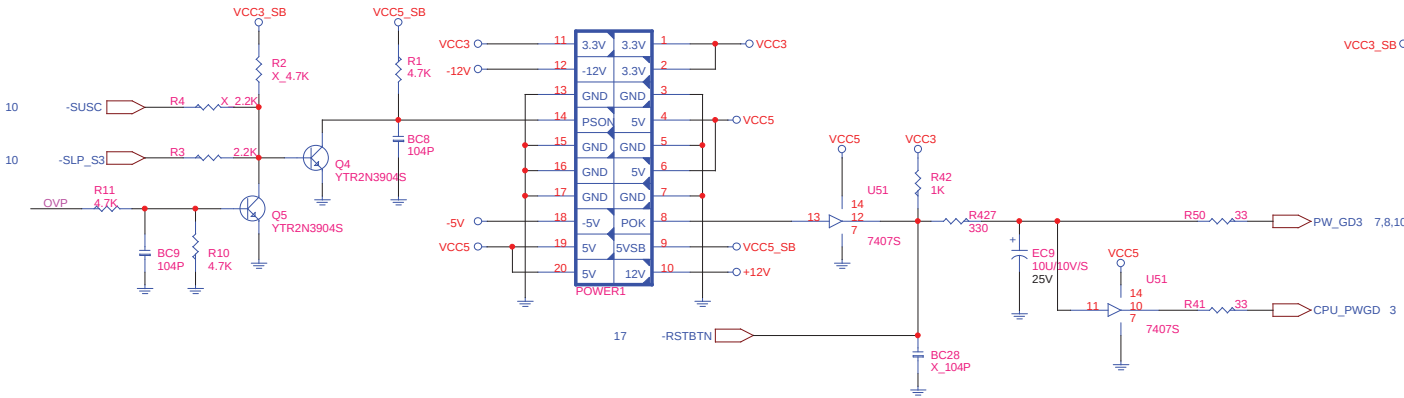


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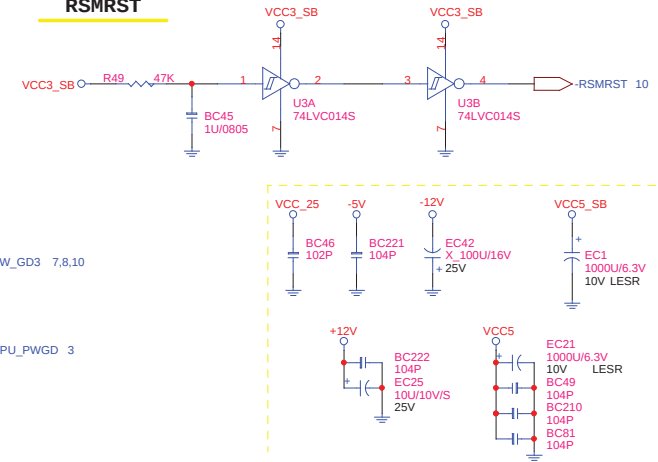
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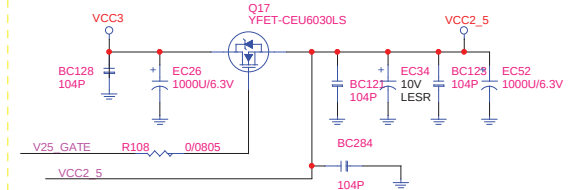
ATX POWER CONNECTOR



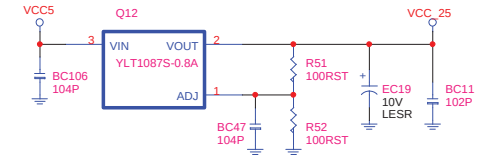
RSMRST



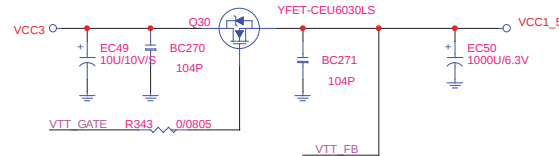
2.5V POWER TRANSLATOR (100MIL TRACE WIDTH)



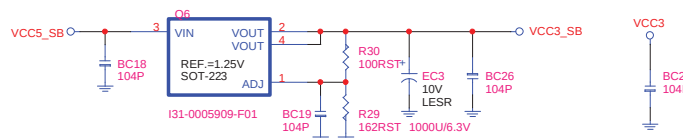
2.5V POWER TRANSLATOR (60MIL TRACE WIDTH)



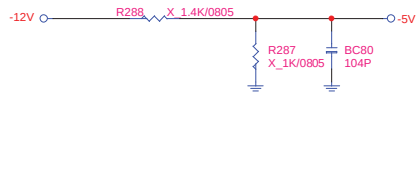
1.5V POWER TRANSLATOR (60MIL TRACE WIDTH)



3.3V STANDBY POWER TRANSLATOR (60MIL TRACE WIDTH)



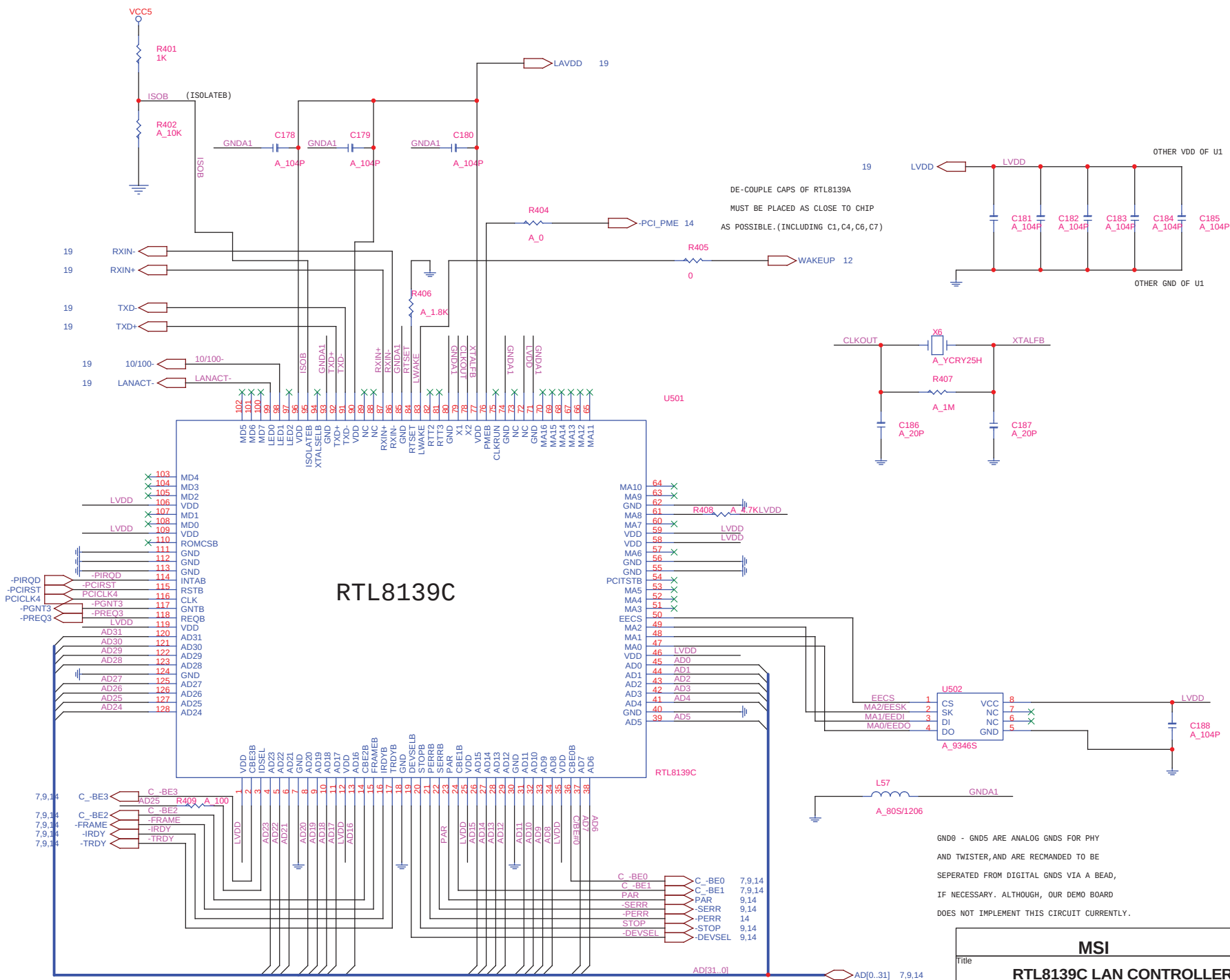
-5V POWER GENERATOR (20MIL TRACE WIDTH)



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14
7,9
5
14
7



GND0 - GND5 ARE ANALOG GNDS FOR PHY
AND TWISTER, AND ARE RECMANDED TO BE
SEPERATED FROM DIGITAL GNDS VIA A BEAD,
IF NECESSARY. ALTHOUGH, OUR DEMO BOARD
DOES NOT IMPLEMENT THIS CIRCUIT CURRENTLY.

MSI		
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RTL8139C LAN CONTROLLER		
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