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PAGE 13:LAN

PAGE 14:AUDIO(ALC262)

PAGE 15: PCI EXPRESS(x1, x16)

& TPM & MINI PCIE

PAGE 16: SIO

PAGE 17: USB

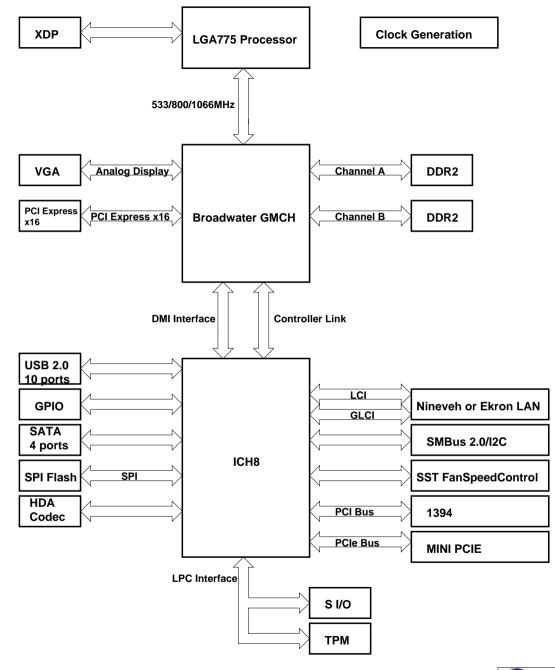
PAGE 18:POWER

PAGE 19: VRM

PAGE 20: SATA & VGA & CPU FAN

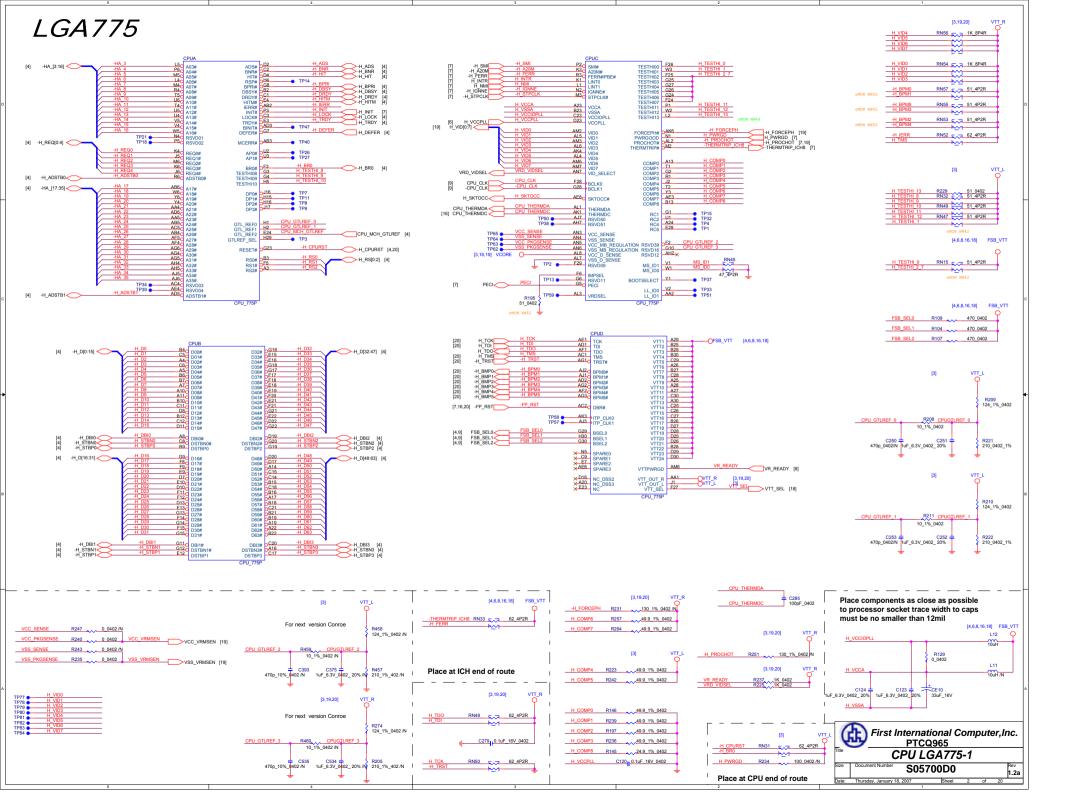
& XDP

Polyswitch Name	Current	voitage	Page
USBFS1	1.1A~2.0A	6V~8V	17
USBFS2	1.1A~1.5A	6V~8V	17
USBFS3	1.1A~2.0A	6V~8V	17
FS2	1.1A~1.5A	6V~8V	20
1394FS	1.1A~3.0A	15~16V	12





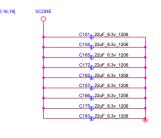
S05700D0

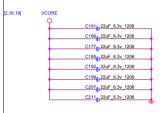


(2.16.19) VCOREO AGE2 (2.16.19) VCOREO AGE2 (2.16.19) VCOREO AGE3 (2.16.19) VCOREO AGE3



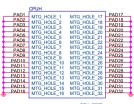
CAD NOTE: PLACE AS MANY 1206 CAPACITORS AS POSSIBLE WITHIN CPU CAVITY





THESE CAPS GO INSIDE CPU CAVITY PLACEMENT NOTE FOR 1206: PLACE 18 INSIDE CPU SOCKET



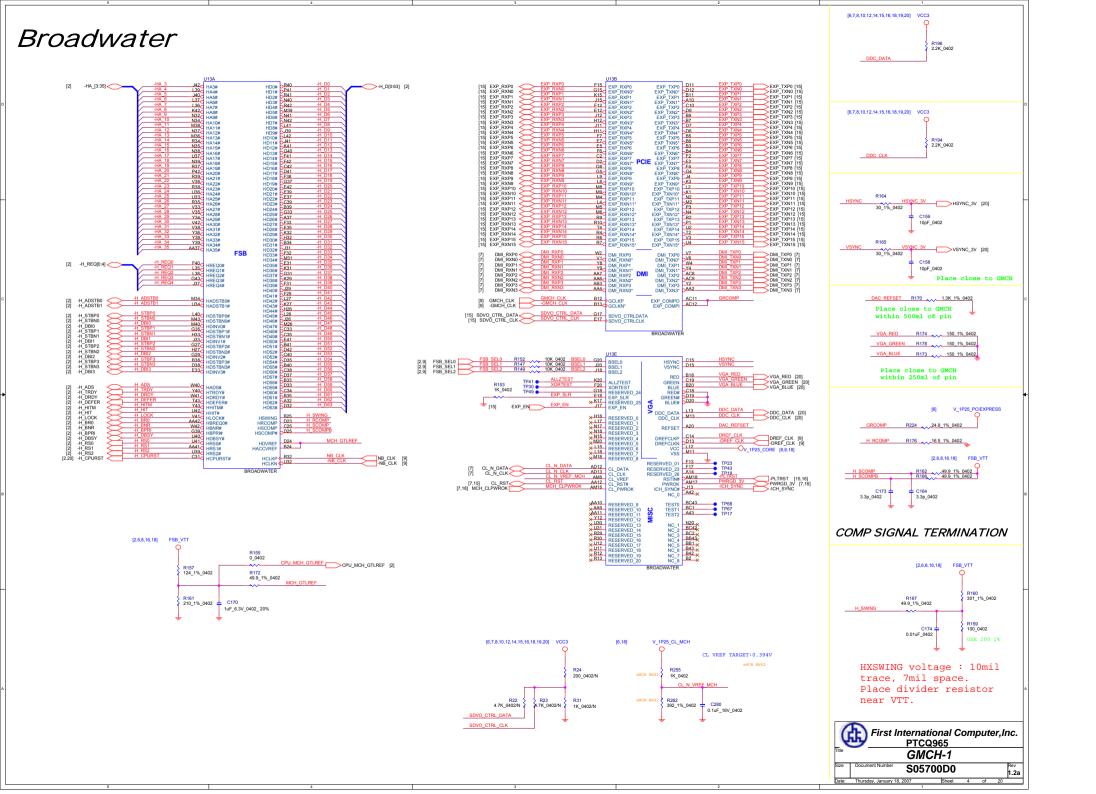


| VSS201 | V

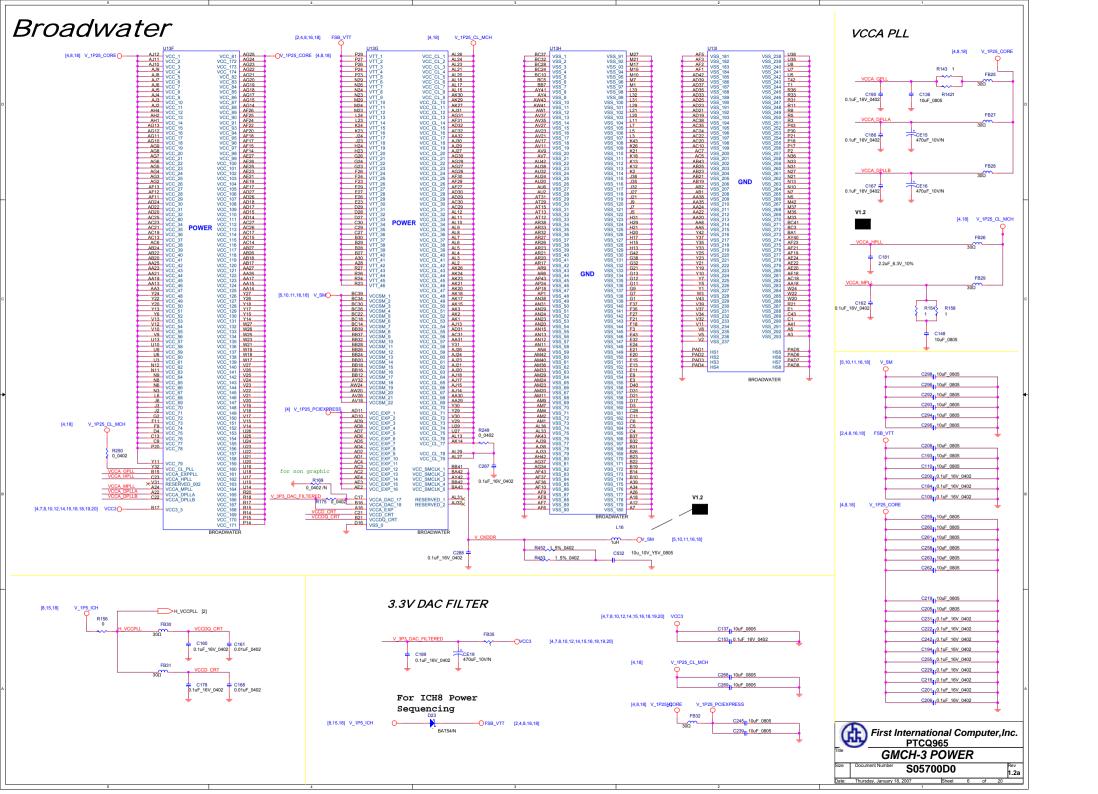
RSVD21 RSVD22 RSVD23 RSVD07 RSVD07 RSVD04 RSVD08

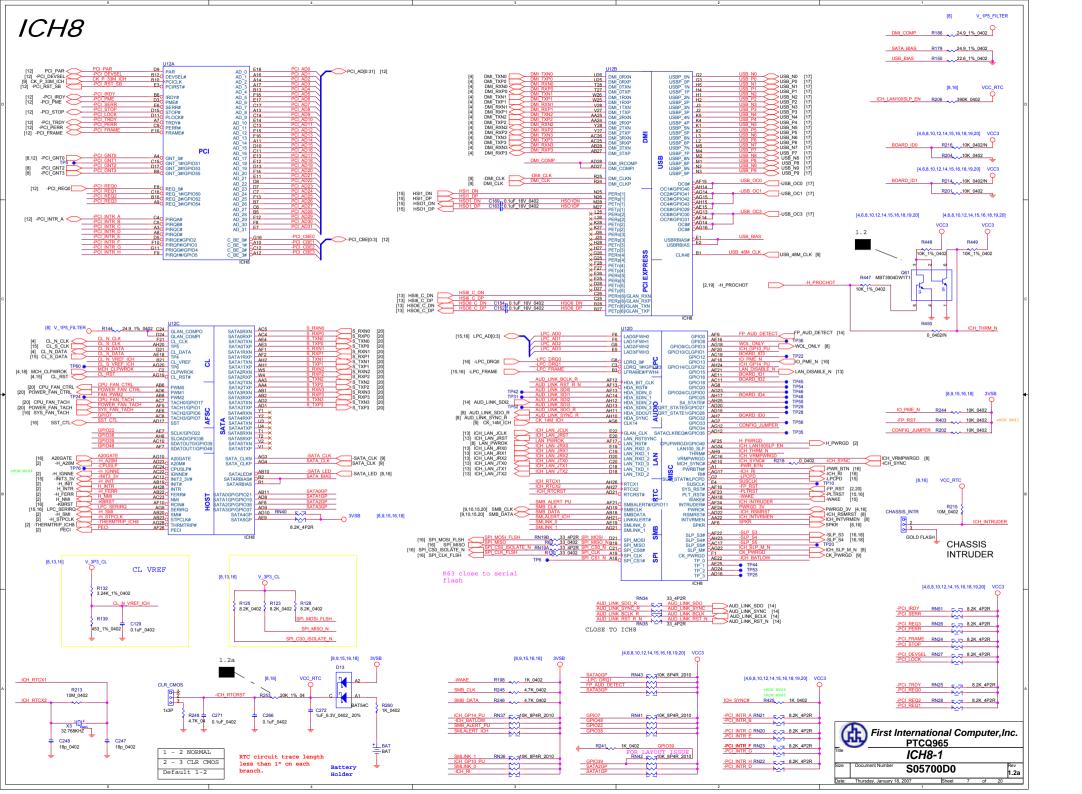
CPU_775P

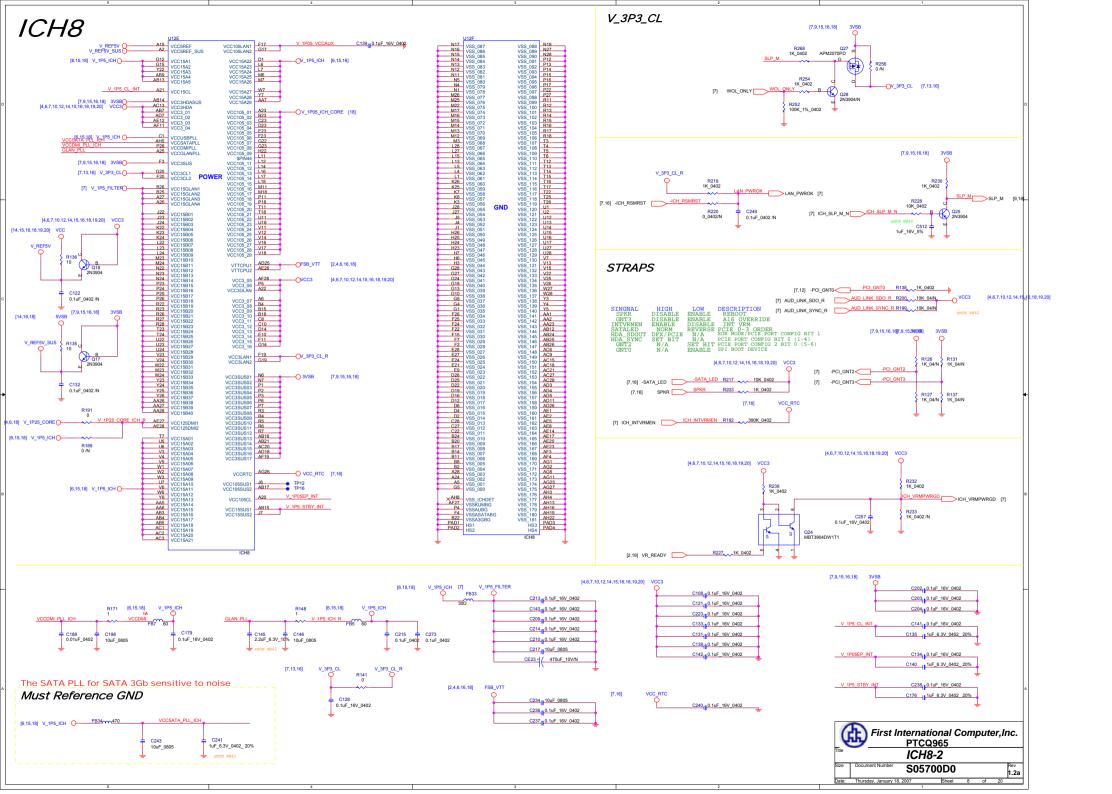


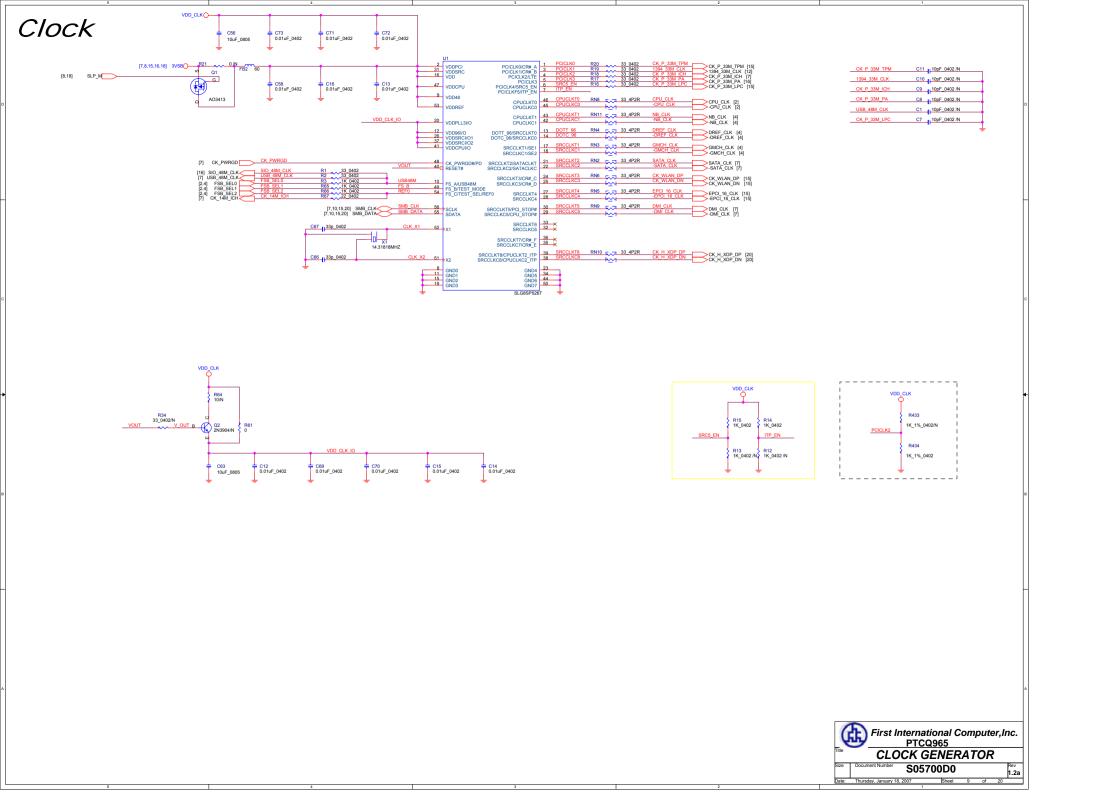


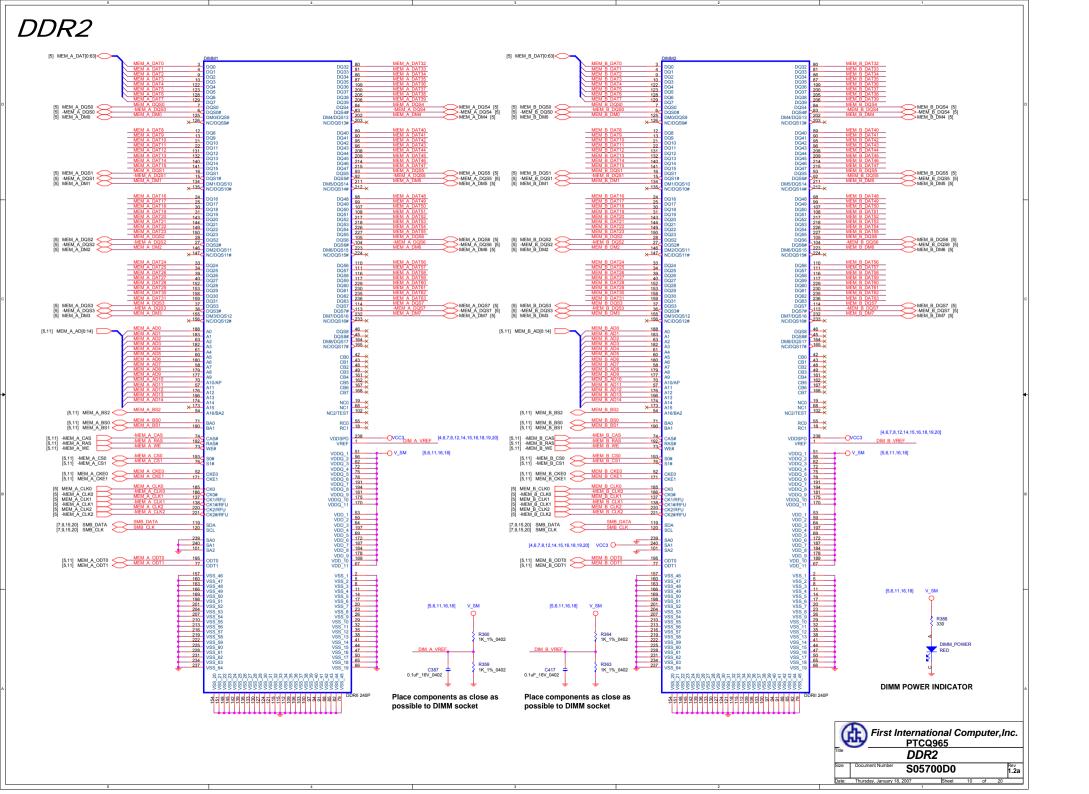
Broadwater SDQS_A00 SDQS_A0# SDM_A0 SDQ_A1 SDQ_A1 SDQ_A2 SDQ_A3 SDQ_A3 SDQ_A4 SDQ_A3 SDQ_A4 SDQ_A6 SDQ_A7 [10,11] MEM A AD[0:14] SMA_A0 SMA_A1 SMA_A2 SMA_A3 SMA_A4 SMA_A6 SMA_A7 SMA_A8 SMA_A9 SMA_A10 SMA_A11 SMA_A12 SMA_A13 SMA_A13 SMA_A13 [10 11] MEM B AD[0:14] MEM B DATI0:631 [10] MEM_A_DAT[0:63] [10] >MEM_A_DQS1 [10] >-MEM_A_DQS1 [10] >MEM_A_DM1 [10] SDQ_A9 SDQ_A10 SDQ_A11 SDQ_A12 SDQ_A13 SDQ_A14 SDQ_A15 [10,11] -MEM_A_CAS [10,11] -MEM_A_RAS AW32 BB21 BB27C SCS_B0# BB30C SCS_B1# AY27C SCS_B2# AY31C SCS_B3# AW35.0 SCS_A0# BA35.0 SCS_A1# SCS_A2# SB38.0 SCS_A2# SCS_A3# [10,11] -MEM_B_CS0 -MEM_B_CS1 -MEM_B_CS1 SDQS_B2 SDQS_B2# SDM_B2 SDQ_B16 SDQ_B17 SDQ_B18 SDQ_B19 SDQ_B20 SDQ_B21 [10,11] -MEM_A_CS0 [10,11] -MEM_A_CS1 >MEM_A_DQS2 [10] >-MEM_A_DQS2 [10] >MEM_A_DM2 [10] BC20 AY20 AY21 BA19 AY12 AW12 BB11 BA11 SCKE_B1 SCKE_B2 SCKE_B3 SCKE_A0 SCKE_A1 SCKE_A2 SCKE_A3 [10,11] MEM_B_CKE0 MEM B CKE1 [10,11] MEM_B_CKE1 BA29 BA30 BB29 BB31 SODT_B1 SODT_B2 SODT_B3 AY37 SDQ_B22 SDQ_B23 [10,11] MEM_B_ODT0 MEM_B_ODT1 [10,11] MEM_A_ODTO MEM_A_O [10,11] MEM_A_ODT1 MEM_A_DQS3 [10] -MEM_A_DQS3 [10] -MEM_A_DM3 [10] AV31 SOLK B0 AV31 SCLK B0 AW31 SCLK B0 AU27 SCLK B1 AU27 SCLK B1 AU27 SCLK B1 AU32 SCLK B2# AU32 SCLK B2# AU32 SCLK B3 AV32 SCLK B3 AV32 SCLK B4 [10] MEM_A_CLK0 | [10] -MEM_A_CLK0 | [10] MEM_A_CLK1 | [10] -MEM_A_CLK1 | [10] MEM_A_CLK2 | [10] -MEM_A_CLK2 [10] MEM_B_CLK0 [10] -MEM_B_CLK0 [10] MEM_B_CLK1 [10] -MEM_B_CLK1 [10] MEM_B_CLK2 [10] -MEM_B_CLK2 SDQ_B30 SDQ_B31 LICAS# SDO_A31 - NVL LICA# SDOS_A# - ARAI LICA# SDOS_A# - ARAI LICA# SDO_A32 - AMA2 . DDR2 CH.A SDO_A32 - AMA2 . SERVED SDO_A33 - AMA2 . SDO_A33 - AMA3 . SDO_A34 - AMA3 . SDO_A35 - AMA3 . SDO_A36 - AMA3 . SDO_A37 - AMA3 . SDO_A38 - AMA4 . SDO_A LK B4 LK B4# SDQS B4 LK B5 SDQS B4# LK B5# SDM B4 DDR2 CH.B SDQ B32 DDR2 CH.B SDQ B33 SERVED 1 SDQ B34 SERVED 2 SDQ B35 SERVED 3 SDQ B35 SERVED 3 SDQ B36 SERVED 4 SDQ B37 >MEM_A_DQS4 [10] >-MEM_A_DQS4 [10] >MEM_A_DM4 [10] >MEM_B_DQS4 [10] >-MEM_B_DQS4 [10] >MEM_B_DM4 [10] DDR2 AW42 AW42 AW32 AW31 AW31 AG32 AG33 AG34 SDQ_B37 SDQ_B38 SDQ_B39 MEM_A_DQS5 [10] -MEM_A_DQS5 [10] MEM_A_DM5 [10] AM21 RESERVED_7 AM6 SVREF AN2 AN3 BB40 BA40 SDQS_B6# SDM_B6 SDM_B6 SDQ_B48 SDQ_B49 SDQ_B50 SDQ_B51 SDQ_B52 SDQ_B53 SDQ_B53 SDQ_B54 SDQ_B55 [6,10,11,16,18] R259 1K_1%_0402 R258 3K_1%_0402 R267 1K_1%_0402 C281 0.01uF 0402 [6,10,11,16,18] SRCOMP1 R263 _____20_1%_0402 SRCOMP3 R273 20 1% 0402 R269 1K_1%_0402 Close 0.1uF First International Computer, Inc. C284 0.1uF_0402 R266 to 1K_1%_0402 MCH PTCQ965 SRCOMP0 R265 20 1% 0402 SRCOMP2 R283 20 1% 0402 GMCH-2 S05700D0 1.2a



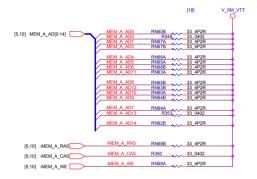


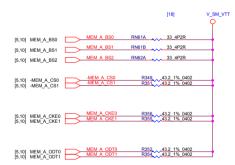


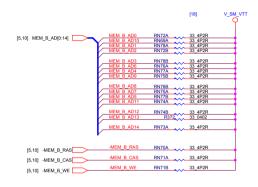


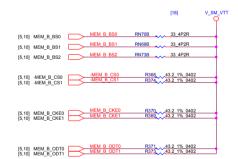


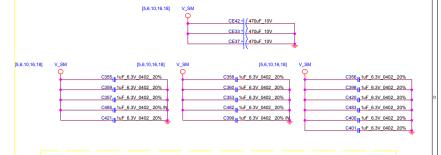
DDR2 Termination

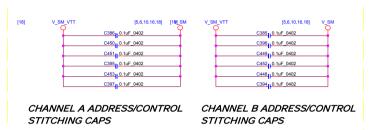




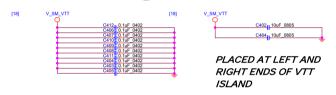








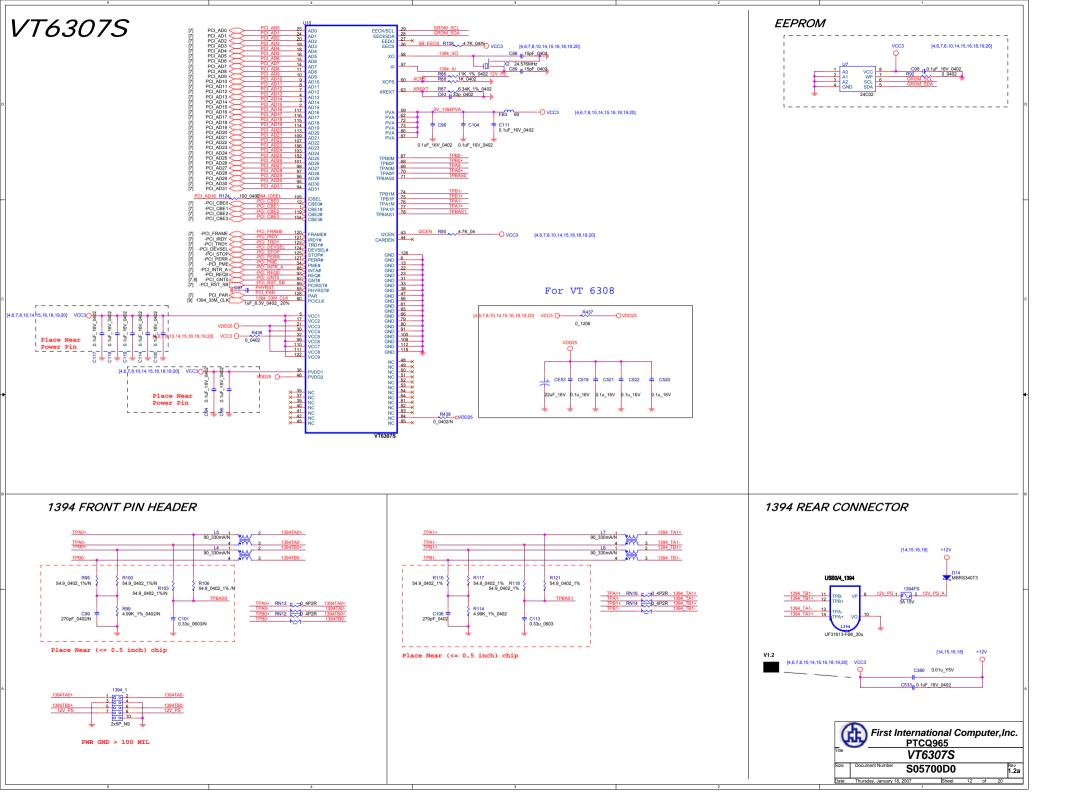
CHANNEL A VTT_DDR DECUPLING CAPS



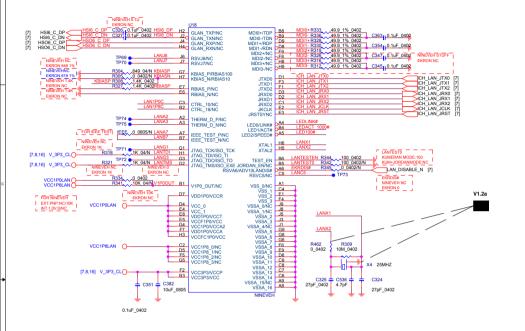
CHANNEL B VTT_DDR DECUPLING CAPS



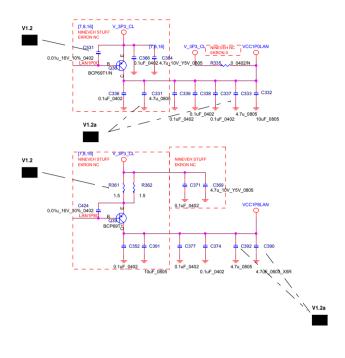




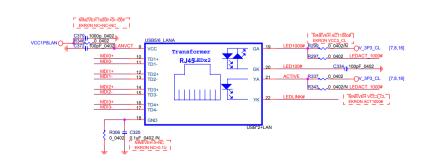
NINEVEH EKRON



1.0V 1.8V REGULATOR



LAN CONNECTOR



LAN DUAL COLOR LED

10MBPS OFF

100MBPS GREEN

1000MBPS YELLOW

LAN ACTIVE/LINK LED

LINK ON

ACTIVE BLINK



