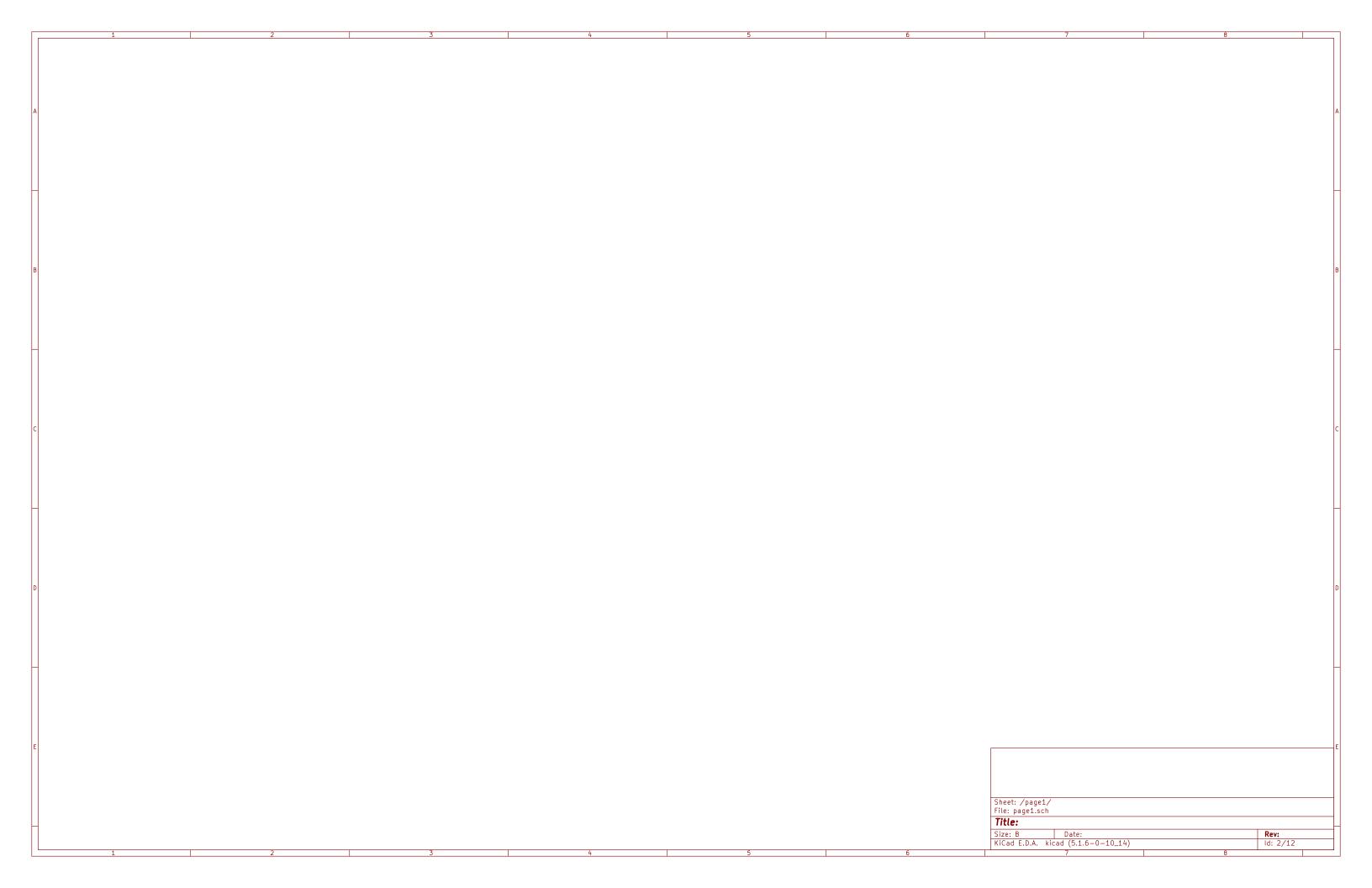


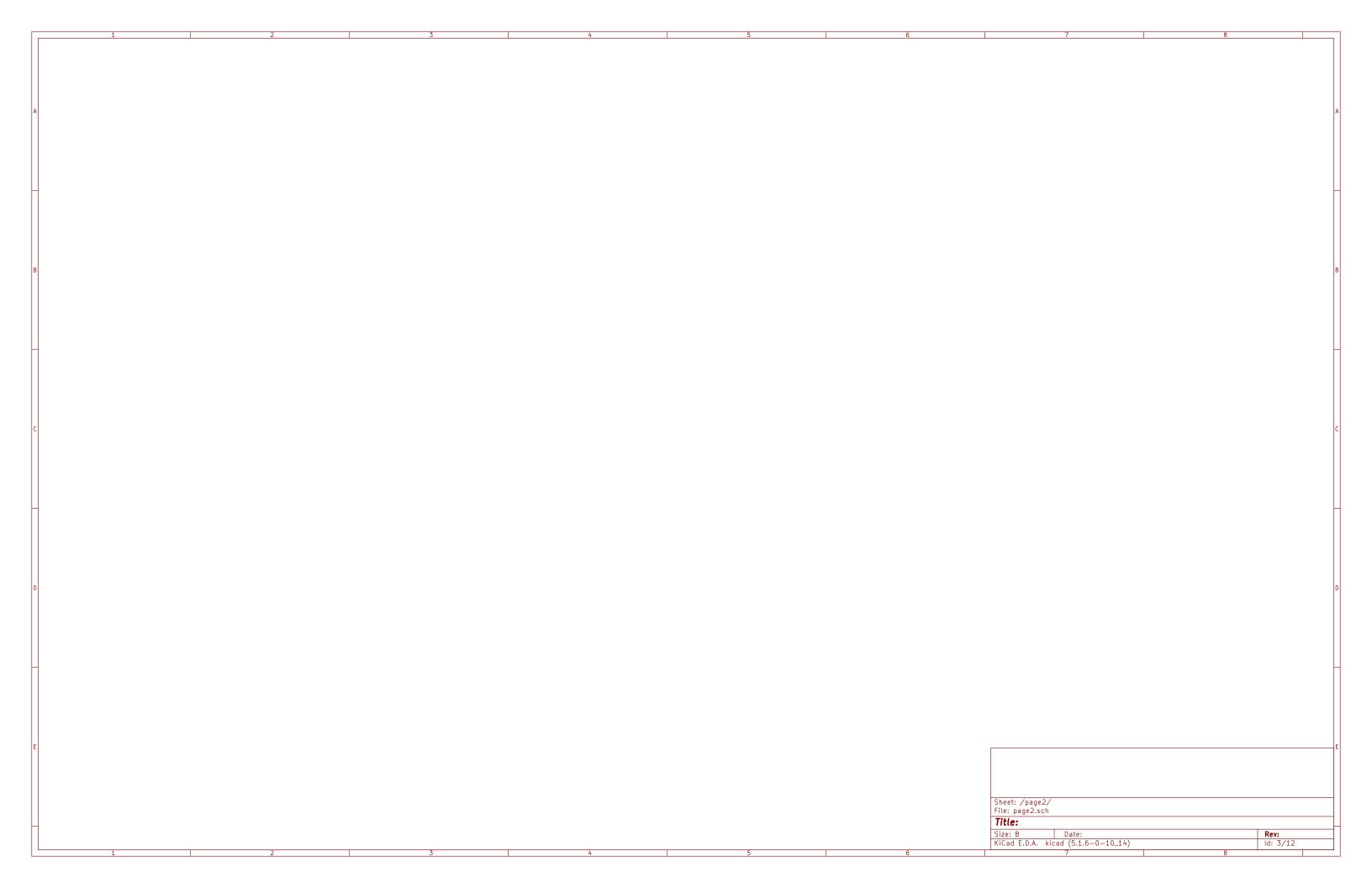
Sheet: page1 File: page1.sch Sheet: page2 File: page2.sch Sheet: page3 File: page3.sch Sheet: page4 File: page4.sch Sheet: page5 File: page5.sch Sheet: page6 File: page6.sch Sheet: page7 File: page7.sch Sheet: page8 File: page8.sch Sheet: page9 File: page9.sch Sheet: page10 File: page10.sch Sheet: page11 File: page11.sch

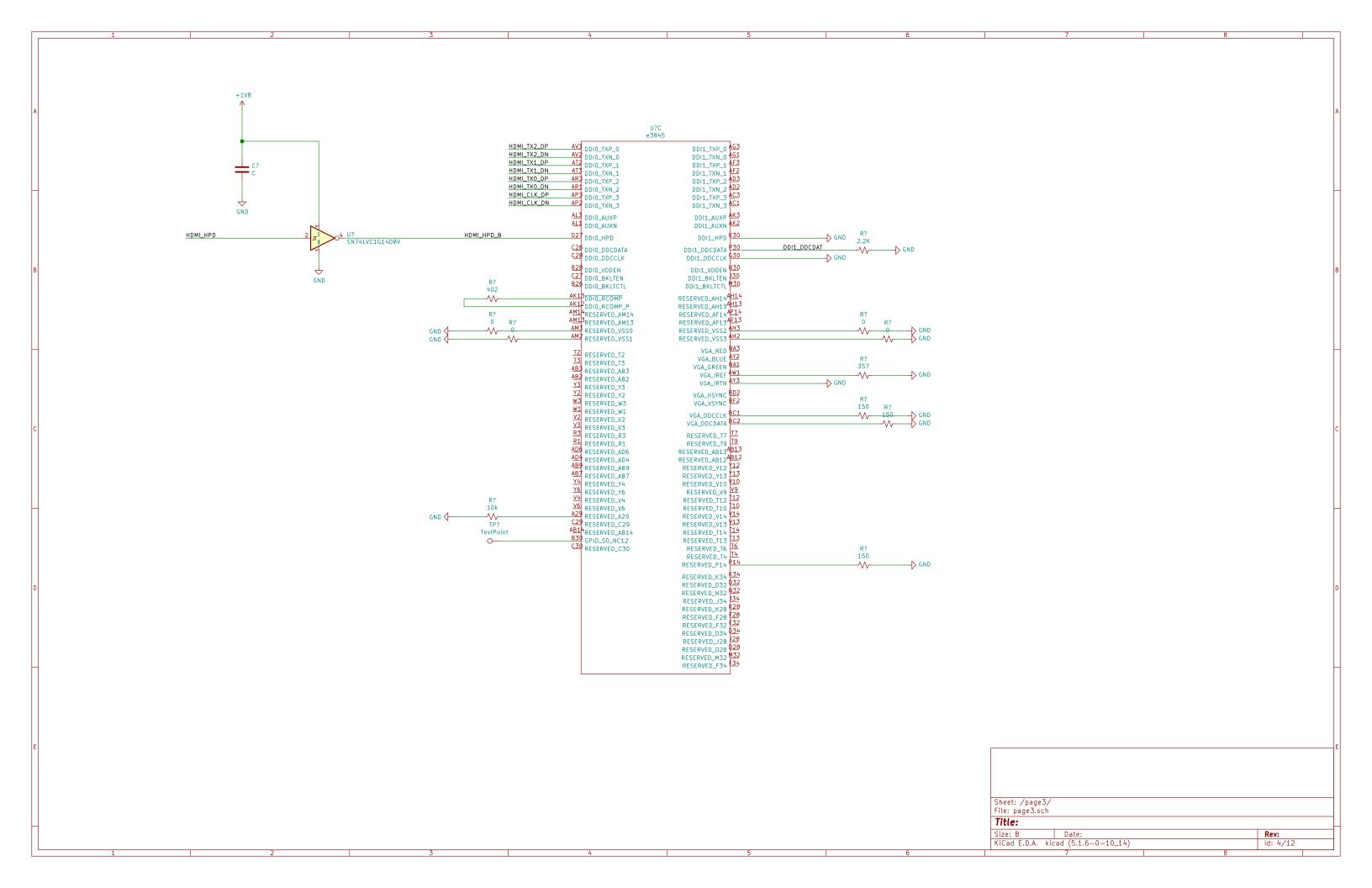
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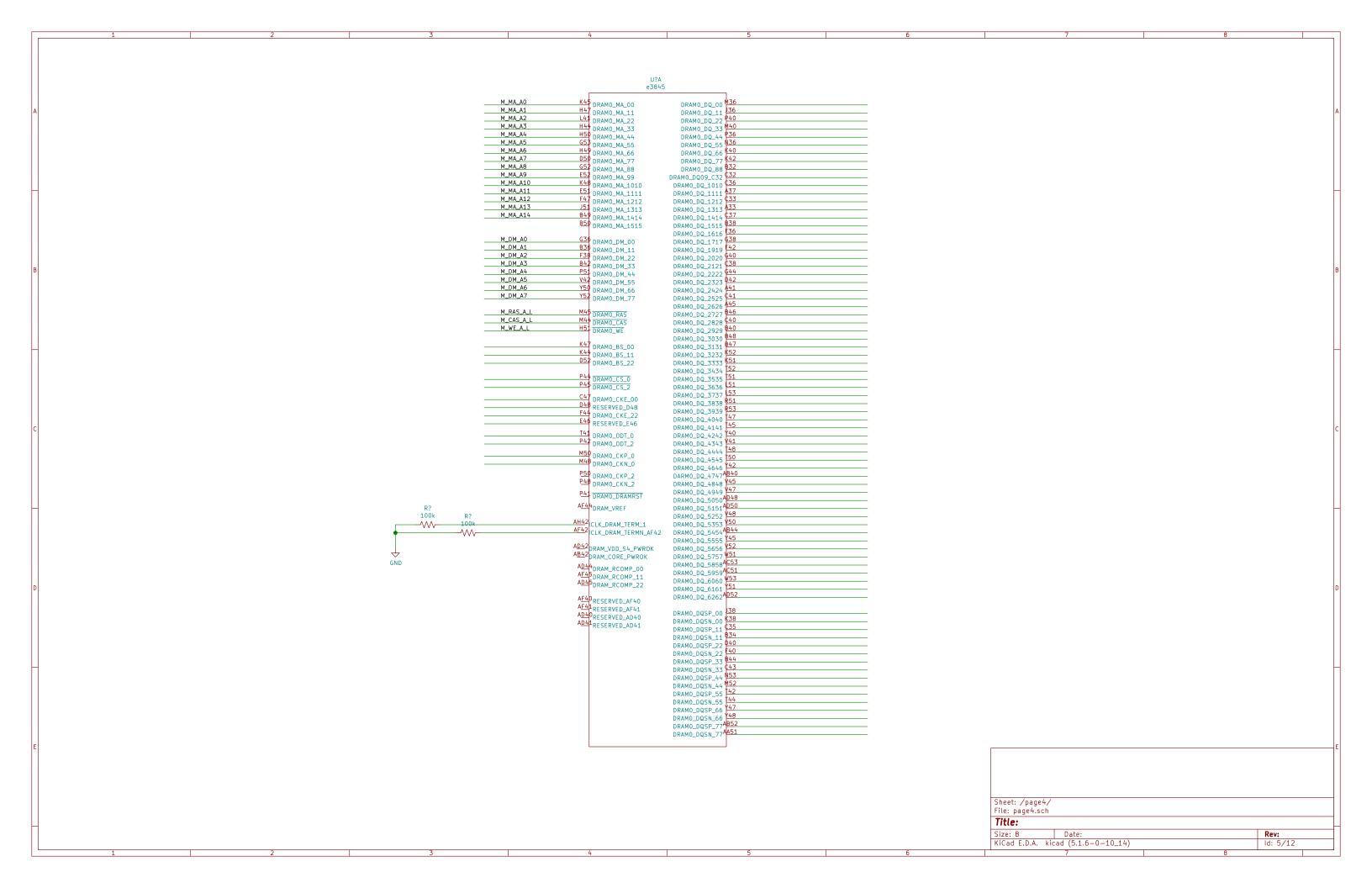
Title: MinnowBoard Turbot Quad KiCad port.

Size: B Date:
KiCad E.D.A. kicad (5.1.6-0-10_14) **Rev:** ld: 1/12

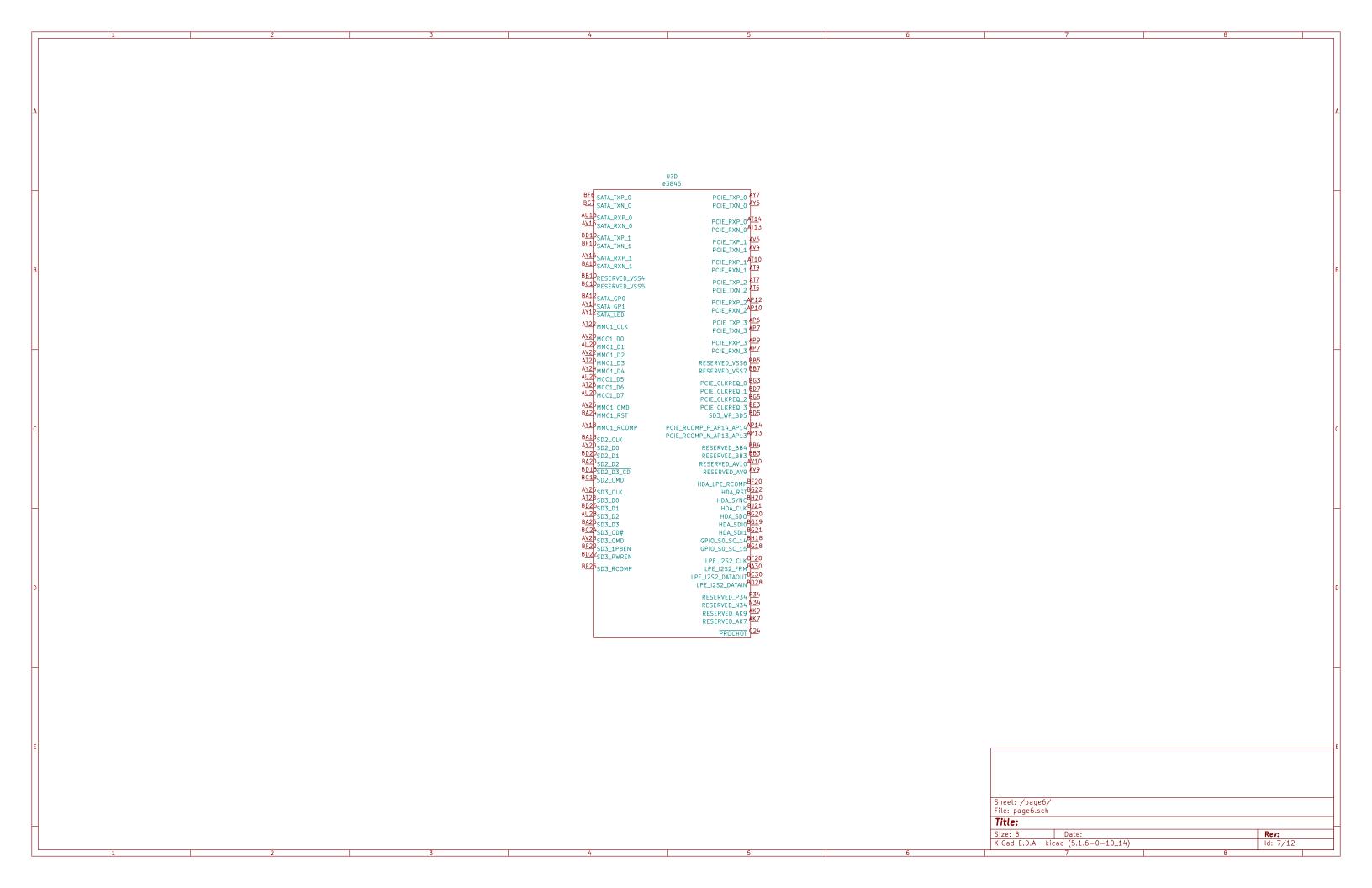


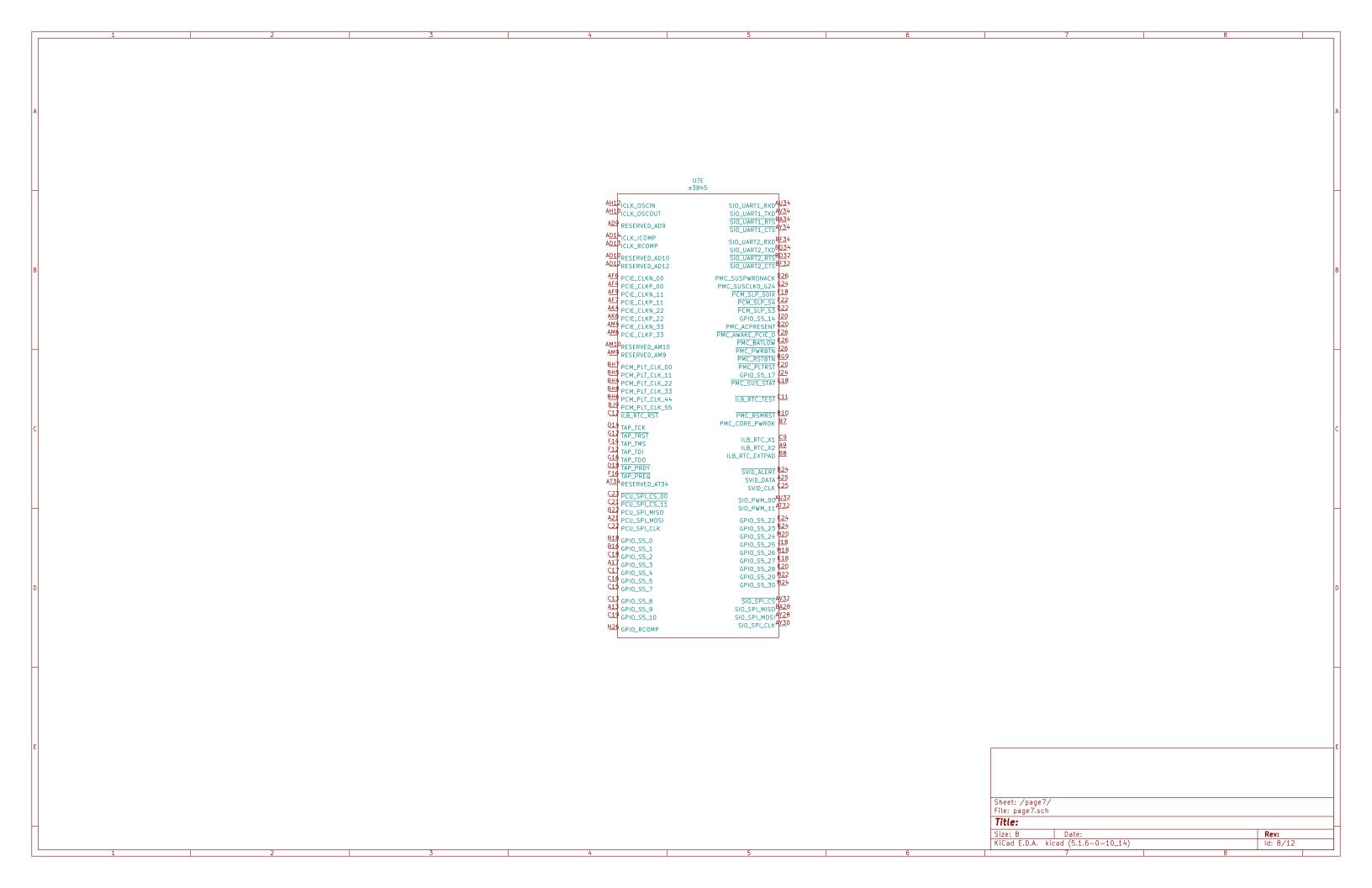


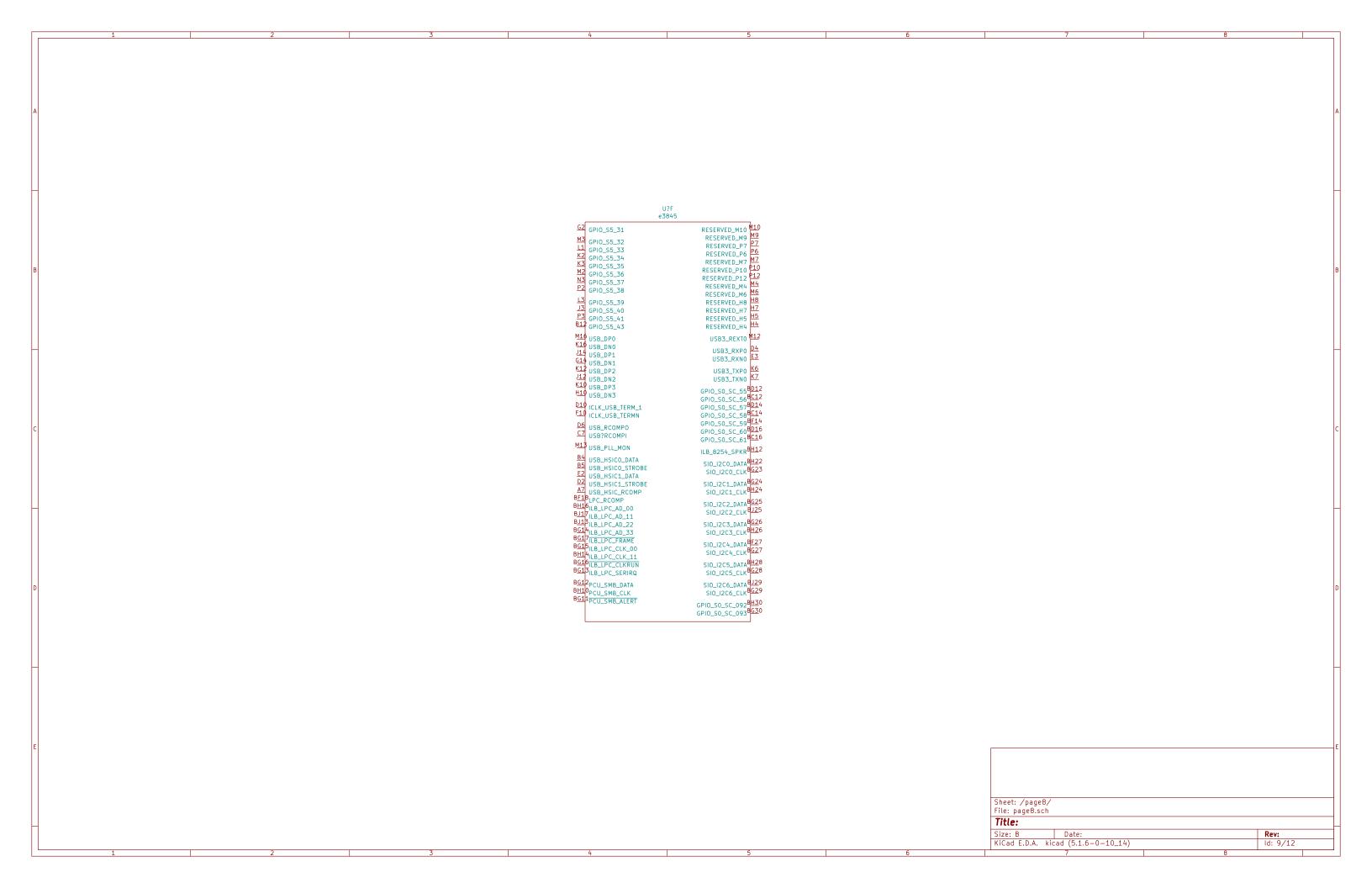


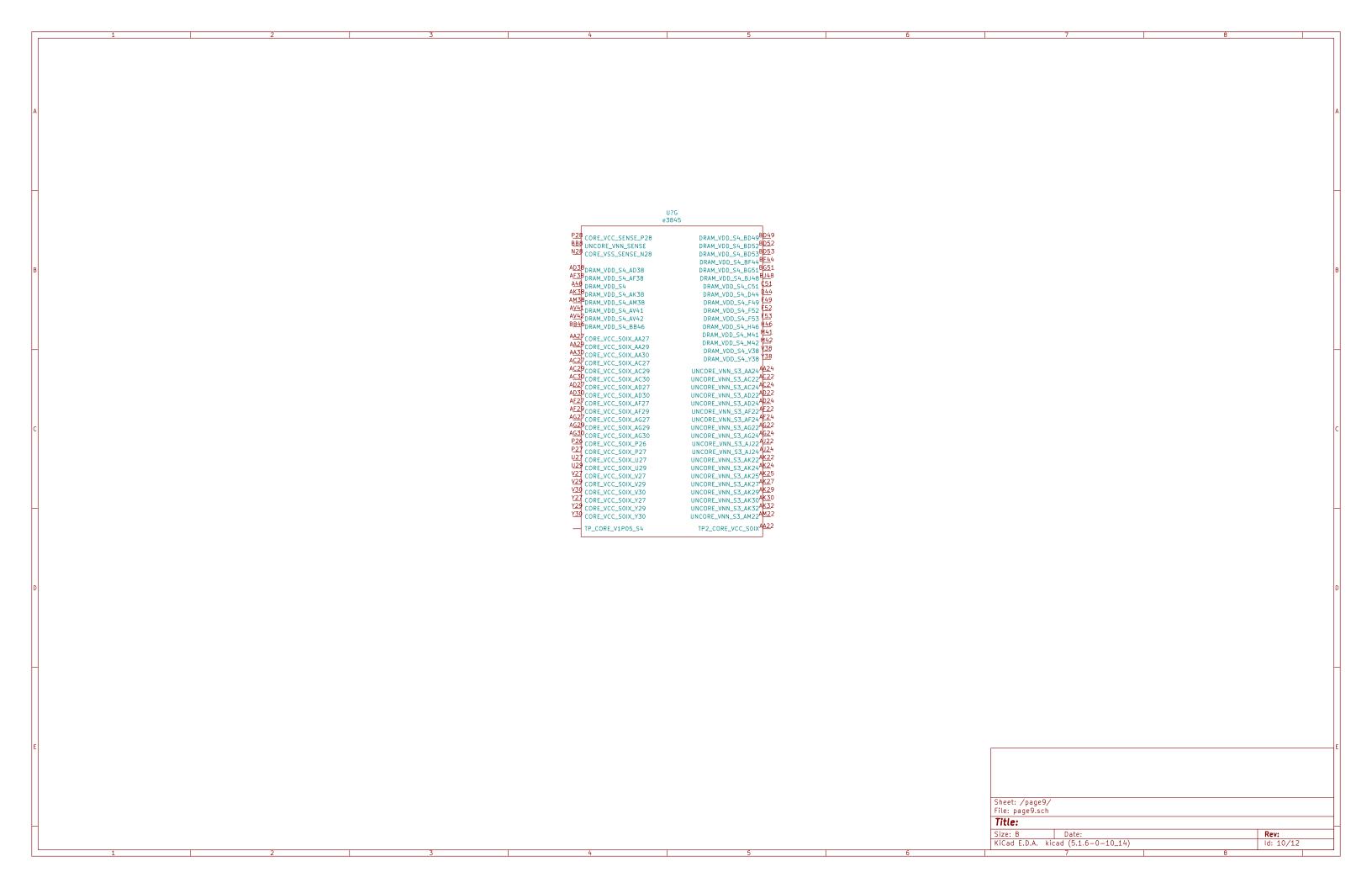


AY45 DRAM1_MA_00 BB47 DRAM1_MA_11 AW41 DRAM1_MA_22 DRAM1_DQ_00 B G38
DRAM1_DQ_11 B C40
DRAM1_DQ_21 B M42
DRAM1_DQ_22 B M42
DRAM1_DQ_33 B D42
DRAM1_DQ_44 B C38
DRAM1_DQ_44 B C38
DRAM1_DQ_66 B H42
DRAM1_DQ_77 B C44
DRAM1_DQ_66 B H32
DRAM1_DQ_101 B G36
DRAM1_DQ_1101 B G36
DRAM1_DQ_1111 B J37
DRAM1_DQ_1113 B G37
DRAM1_DQ_11515 B H38
DRAM1_DQ_1212 A W36
DRAM1_DQ_1212 A W36
DRAM1_DQ_1222 A W40
DRAM1_DQ_1222 B M36
DRAM1_DQ_2222 A W40
DRAM1_DQ_2222 B M36
DRAM1_DQ_2228 B M36
DRAM1_DQ_2323 A W36
DRAM1_DQ_2323 A W36
DRAM1_DQ_2323 B M36
DRAM1_DQ_2323 B M36
DRAM1_DQ_2323 B M36
DRAM1_DQ_3333 A W361
DRAM1_DQ_3333 A W361
DRAM1_DQ_3333 A W365
DRAM1_DQ_33333 A W365
DRAM1 AW41 PRAM1_MA_22 BB44 PRAM1_MA_33 BB50 PRAM1_MA_44 BC53 PRAM1_MA_55 BB49 PRAM1_MA_66 BF50 PRAM1_MA_77 BC52 PRAM1_MA_99 AY48 PRAM1_MA_1010 BE51 PRAM1_MA_1011 BU47 PRAM1_MA_1212 BA51 PRAM1_MA_1212 BA51 PRAM1_MA_1313 BH49 PRAM1_MA_1414 BH50 PRAM1_MA_1515 B038 BH36 PRAM1_DM_11 BC36 BH42 PRAM1_DM_33 AT51 DRAM1_DM_44 AM42 PRAM1_DM_55 AK50 DRAM1_DM_66 AK52 PRAM1_DM_77 AV45 DRAM1_RAS AV44 DRAM1_CAS BB51 DRAM1_WE AY47 DRAM1_BS_00 AY44 DRAM1_BS_11 BF52 DRAM1_BS_22 DRAM1_DQ_3333 XY51
DRAM1_DQ_33333 XY51
DRAM1_DQ_3434 AP52
DRAM1_DQ_3535 AP51
DRAM1_DQ_3535 AP51
DRAM1_DQ_3636 AW51
DRAM1_DQ_3636 AR51
DRAM1_DQ_3636 AR51
DRAM1_DQ_3636 AR51
DRAM1_DQ_44040 AP47
DRAM1_DQ_44141 AP45
DRAM1_DQ_44141 AP45
DRAM1_DQ_4444 AM41
DRAM1_DQ_4444 AM41
DRAM1_DQ_4464 AK42
DRAM1_DQ_4464 AK42
DRAM1_DQ_4646 AK42
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DRAM1_DQ_4646 AK42
DRAM1_DQ_466 AK42
DRAM1_DQ_466 AK42
DRAM1_DQ_5656 AF48
DRAM1_DQ_5552 AM48
DRAM1_DQ_5554 AM48
DRAM1_DQ_5555 AK45
DRAM1_DQ_5555 AK45
DRAM1_DQ_5656 AM52
DRAM1_DQ_5656 AM52
DRAM1_DQ_5656 AM52
DRAM1_DQ_5656 AM52
DRAM1_DQ_5656 AM52 AT44 DRAM1_CS_0 AT45 DRAM1_CS_2 BG47 DRAM1_CKE_00 BE46 RESERVED_BE46 BD44DRAM1_CKE_22 BF48RESERVED_BF48 AP41 DRAM1_ODT_0 AT42 DRAM1_ODT_2 AV50 DRAM1_CKP_0 AV48 DRAM1_CKN_0 A<u>T50</u> DRAM1_CKP_2 A<u>T48</u> DRAM1_CKN_2 AT41 DRAM1_DRAMRST DRAM1_DQ_5555AK459
DRAM1_DQ_5656A M52
DRAM1_DQ_5656A M52
DRAM1_DQ_5757 AL51
DRAM1_DQ_5858 AG53
DRAM1_DQ_6960 AL53
DRAM1_DQ_66161 AK51
DRAM1_DQ_666262 AF52
DRAM1_DQ_6363 AF51 DRAM1_DQSP_00 BF40
DRAM1_DQSN_008D40
DRAM1_DQSP_11 BH34
DRAM1_DQSN_12 BH34
DRAM1_DQSP_22 BA38
DRAM1_DQSN_22 AY38
DRAM1_DQSN_23 BH44 DRAM1_DQSP_33BH14 DRAM1_DQSD_33BG43 DRAM1_DQSP_44_AU53 DRAM1_DQSP_44_PV53 DRAM1_DQSP_55AP44 DRAM1_DQSP_55AP44 DRAM1_DQSP_66AK47 DRAM1_DQSP_66AK47 DRAM1_DQSP_67AH52 DRAM1_DQSP_77AH52 DRAM1_DQSP_77AH52 Sheet: /page5/ File: page5.sch Title: Size: B Date: KiCad E.D.A. kicad (5.1.6-0-10_14) ld: 6/12









V32 SVID_V1P0_S3_V32
BJ6 V6A_V1P0_S3_BJ6
AD35 DRAM_V1P0_S0IX_AD35
AE35 DRAM_V1P0_S0IX_AF35
AE36 DRAM_V1P0_S0IX_AF36
AA35 DRAM_V1P0_S0IX_AA36
AJ35 DRAM_V1P0_S0IX_AJ36
AK35 DRAM_V1P0_SOIX_AJ36
AK36 DRAM_V1P0_SOIX_AJ36
AK36 DRAM_V1P0_SOIX_AJ36 DRAM_V1P35_S0IX_F1_AD36AD36 HDA_LPE_V1P5V1P8_S3_AM32AM32 UNCORE_V1P8_S3_AM30AM30 UNCORE_V1P8_S3_AN32AN32 LPC_V1P8V3P3_S3_AM37AM27AM27 AK36 DRAM_V1PU_SUIX_AK35 AK36 DRAM_V1PU_SUIX_AK36 Y35 DRAM_V1PU_SUIX_Y35 Y36 DRAM_V1PU_SUIX_Y36 AK19DDI_V1PO_SOIX_AK19
AK21DDI_V1PO_SOIX_AK21
AJ18DDI_V1PO_SOIX_AJ18 AM16DDI_V1P0_S0IX_AM16 U22 UNCORE_V1PO_G3_U22
V22 UNCORE_V1PO_G3_V22
AN29 UNCORE_V1PO_SOIX_AN29
AN30 UNCORE_V1PO_SOIX_AN30
AF16 UNCORE_V1PO_S3_AF16
AF18 UNCORE_V1PO_S3_AF18
Y18 UNCORE_V1PO_S3_F18
G1 UNCORE_V1PO_S3_G1
AM21*POLEV1PO_S3_G1 UNCORE_V1P8_G3_AA18_AA18 RTC_VCC_P22 P22 US8_V1P8_G3_N20 N20 PMU_V1P8_G3_U25 V25 CORE_V1P05_S3_AG33^AS3 CORE_V1P05_S3_AG33^AS3 CORE_V1P05_S3_U35 V35 CORE_V1P05_S3_U35 V35 CORE_V1P05_S3_U35 N35 CORE_V1P05_S3_U35 N35 CORE_V1P05_S3_U35 N35 VSS_A3_A3 A3 VSS_A49_A49 VSS_A5_A5_A5 AM21 PCIE_V1P0_S3_AM21 AN21 PCIE_V1P0_S3_AN21 AND PCIE_V1PO_S3_AN21

AN18 PCIE_SATA_V1PO_S3_AN18

AN19 SATA_V1PO_S3_AN19

AA33 CORE_V1POS_S3_AA33

AF24 UNCORE_V1PO_SOIX_AF21

AG21 UNCORE_V1PO_SOIX_AG21

V24 UNCORE_V1PO_SOIX_V24

Y22 UNCORE_V1PO_SOIX_V24

Y24 UNCORE_V1PO_SOIX_Y24

M14 USB_V1PO_S3_U19

AN25 GPIO_V1PO_S3_U19

AN25 GPIO_V1PO_S3_U19

AN25 GPIO_V1PO_S3_U19

C3 USB3_V1PO_G3_V19

C3 USB3_V1PO_G3_C5

B6 UNCORE_V1PO_G3_C5

B6 UNCORE_V1PO_G3_B6

AC32
CORE_V1POS_S3_AC32

V33 CORE_V1POS_S3_AC32

V34 UNCORE_V1PO_S3_AC32

V35 UNCORE_V1PO_S3_AC36

B01 UNCORE_V1P35_SOIX_F5_AA25

AG32 UNCORE_V1P35_SOIX_F5_AA25

AG42 UNCORE_V1P35_SOIX_F5_AA25

AG51 UNCORE_V1P35_SOIX_F5_AA25

AG51 UNCORE_V1P35_SOIX_F5_AA25

AG51 UNCORE_V1P35_SOIX_F5_COIX_F6

AG51 UNCORE_V1P35_SOIX_F5

AG51 UNCORE_V1P35_SOIX_F6

AG51 UNCORE_V1P35_SOIX_F6 VSS_A49_A49
VSS_A5_A5
VSS_A5_A5
VSS_A51_A51
VSS_A62_A62
VSS_B2_B2
VSS_B2_B2
VSS_B52_B52
VSS_B53_B53
VSS_B61_B61
VSS_B61_B61
VSS_B61_B61 VSS_BH53_BH53_BH53 VSS_BJ2_BJ2_BJ2 VSS_BJ5_BJ5_BJ5 VSS_BJ49_BJ49 VSS_BJ52_BJ52 VSS_C53_C53 VSS_C53_C53 VSS_E1.E1 VSS_E53_E53 VSS_E53_E53 E1 PCIE_V1P0_S3_AK18_AK18 PCIE_V1P0_S3_AM18_AM18 AF19 UNCORE_V1P35_SOIX_F6 AG19 UNCORE_V1P35_SOIX_F1_AG19 AJ19 ICLK_V1P35_S3_F1_AJ19 AG1BICLK_V1P35_S3_F2 AN16 VSSA_AN16 U16 USB_VSSA_U16 Sheet: /page10/ File: page10.sch Title: Size: B Date: KiCad E.D.A. kicad (5.1.6-0-10_14) ld: 11/12

