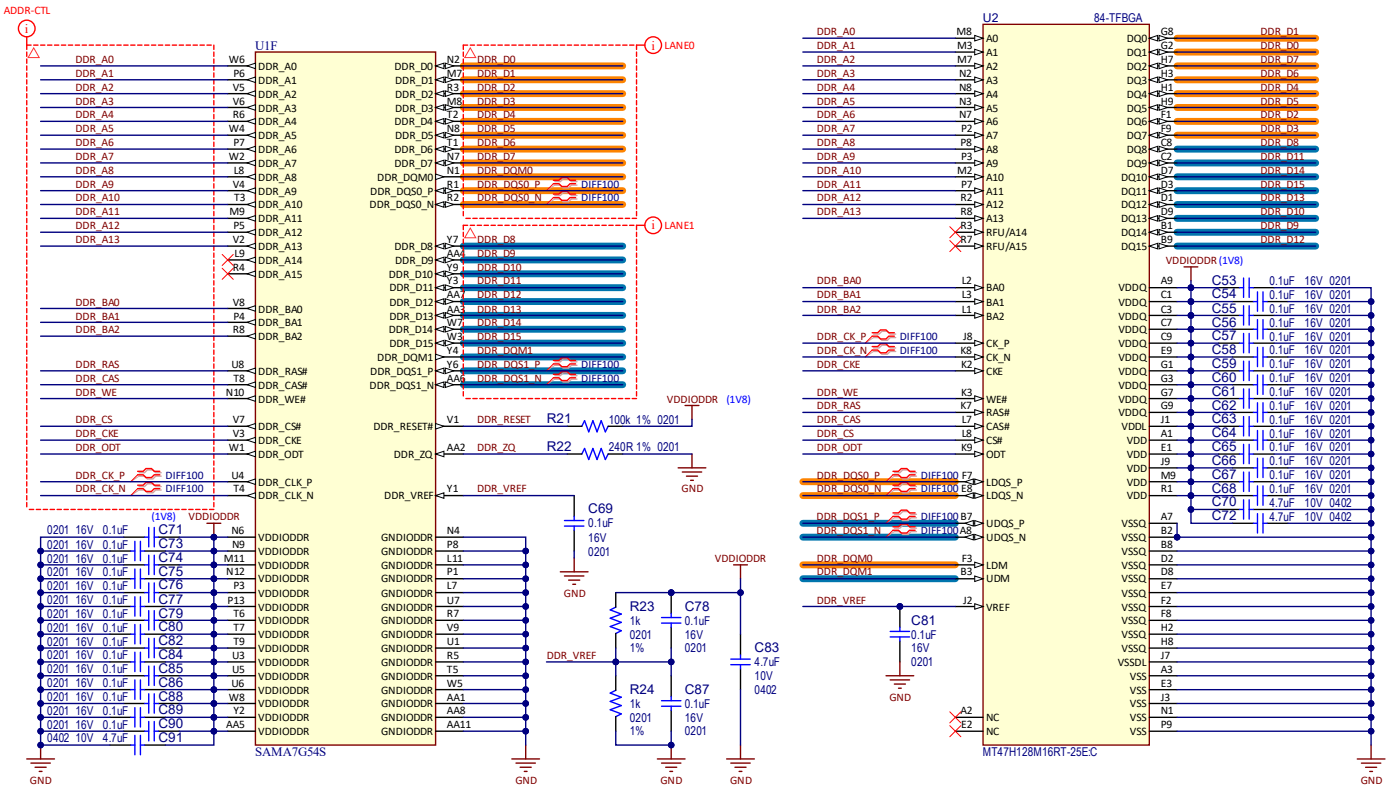
ADDR-CTL
U1F
SAMA7G54S
LANE0
LANE1
DDR_A0
DDR_A1
DDR_A2
DDR_A3
DDR_A4
DDR_A5
DDR_A6
DDR_A7
DDR_A8
DDR_A9
DDR_A10
DDR_A11
DDR_A12
DDR_A13
DDR_A14
DDR_A15
DDR_BA0
DDR_BA1
DDR_BA2
DDR_RAS
DDR_CAS
DDR_WE
DDR_CS
DDR_CKE
DDR_ODT
DDR_CK_P
DDR_CK_N
DIFF100
DDR_CLK_P
DDR_CLK_N
DDR_RESET#
DDR_ZQ
DDR_VREF
DDR_D0
DDR_D1
DDR_D2
DDR_D3
DDR_D4
DDR_D5
DDR_D6
DDR_D7
DDR_DQM0
DDR_DQS0_P
DDR_DQS0_N
DDR_D8
DDR_D9
DDR_D10
DDR_D11
DDR_D12
DDR_D13
DDR_D14
DDR_D15
DDR_DQM1
DDR_DQS1_P
DDR_DQS1_N
VDDIODDR
(1V8)
GNDIODDR
R21 100k 1% 0201
R22 240R 1% 0201
C69 0.1uF 16V 0201
R23 1k 0201 1%
R24 1k 0201 1%
C78 0.1uF 16V 0201
C87 0.1uF 16V 0201
C83 4.7uF 10V 0402
C71 C73 C74 C75 C76 C77 C79 C80 C82 C84 C85 C86 C88 C89 C90 C91
0201 16V 0.1uF
0402 10V 4.7uF
GND
U2
84-TFBGA
MT47H128M16RT-25EC
DDR_DQ0
DDR_DQ1
DDR_DQ2
DDR_DQ3
DDR_DQ4
DDR_DQ5
DDR_DQ6
DDR_DQ7
DDR_DQ8
DDR_DQ9
DDR_DQ10
DDR_DQ11
DDR_DQ12
DDR_DQ13
DDR_DQ14
DDR_DQ15
RFU/A14
RFU/A15
VDDIODDR (1V8)
VDDQ
VDDL
VDD
VSSQ
VSSDL
VSS
NC
C53 C54 C55 C56 C57 C58 C59 C60 C61 C62 C63 C64 C65 C66 C67 C68 C70 C72
0.1uF 16V 0201
4.7uF 10V 0402
C81 0.1uF 16V 0201