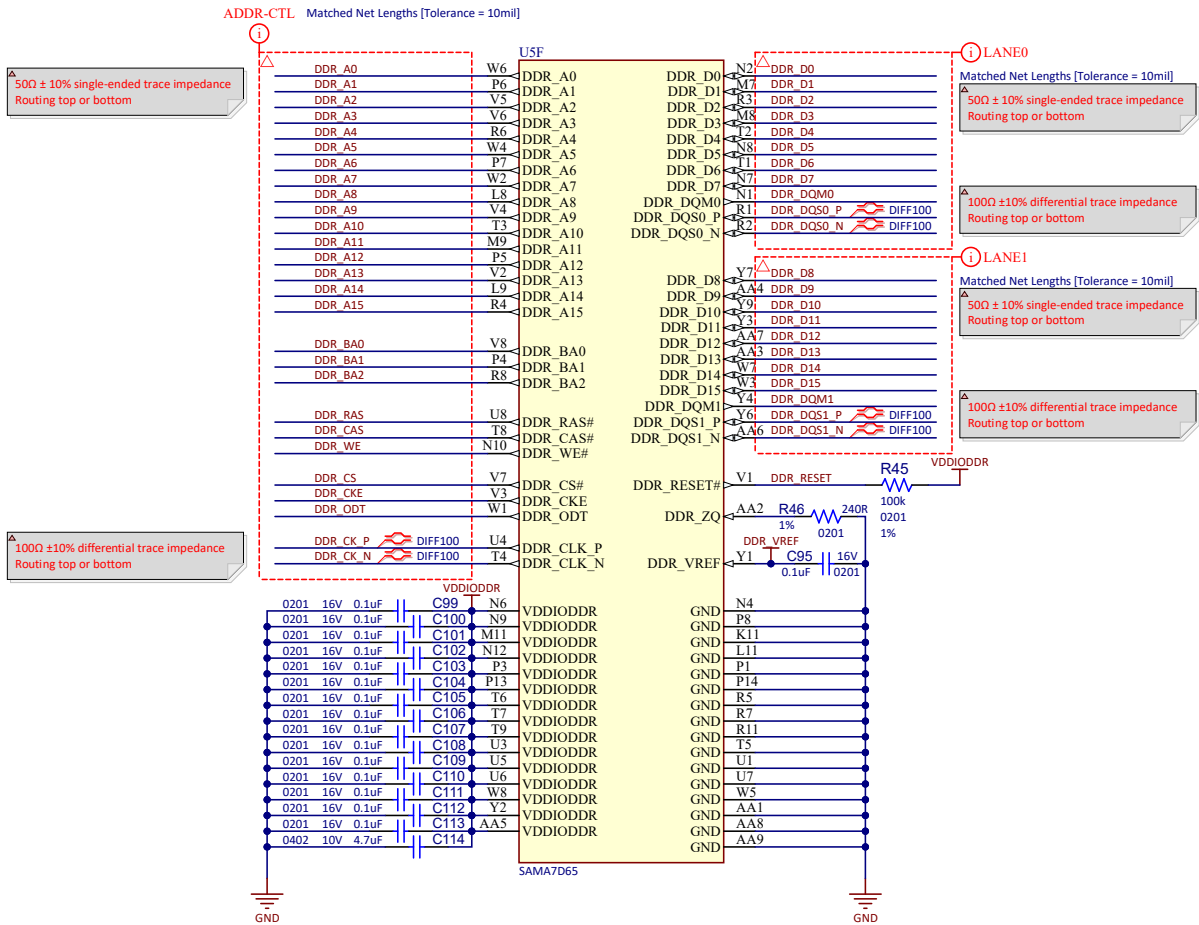
ADDR-CTL
Matched Net Lengths [Tolerance = 10mil]
50Ω ± 10% single-ended trace impedance
Routing top or bottom
100Ω ±10% differential trace impedance
Routing top or bottom
U5F
DDR_A0 W6 DDR_A0
DDR_A1 P6 DDR_A1
DDR_A2 V5 DDR_A2
DDR_A3 V6 DDR_A3
DDR_A4 R6 DDR_A4
DDR_A5 W4 DDR_A5
DDR_A6 P7 DDR_A6
DDR_A7 W2 DDR_A7
DDR_A8 L8 DDR_A8
DDR_A9 V4 DDR_A9
DDR_A10 T3 DDR_A10
DDR_A11 M9 DDR_A11
DDR_A12 P5 DDR_A12
DDR_A13 V2 DDR_A13
DDR_A14 L9 DDR_A14
DDR_A15 R4 DDR_A15
DDR_BA0 V8 DDR_BA0
DDR_BA1 P4 DDR_BA1
DDR_BA2 R8 DDR_BA2
DDR_RAS U8 DDR_RAS#
DDR_CAS T8 DDR_CAS#
DDR_WE N10 DDR_WE#
DDR_CS V7 DDR_CS#
DDR_CKE V3 DDR_CKE
DDR_ODT W1 DDR_ODT
DDR_CK_P DIFF100 U4 DDR_CLK_P
DDR_CK_N DIFF100 T4 DDR_CLK_N
DDR_D0 N2 DDR_D0
DDR_D1 M7 DDR_D1
DDR_D2 R3 DDR_D2
DDR_D3 M8 DDR_D3
DDR_D4 T2 DDR_D4
DDR_D5 N8 DDR_D5
DDR_D6 T1 DDR_D6
DDR_D7 N7 DDR_D7
DDR_DQM0 N1 DDR_DQM0
DDR_DQS0_P R1 DDR_DQS0_P DIFF100
DDR_DQS0_N R2 DDR_DQS0_N DIFF100
DDR_D8 Y7 DDR_D8
DDR_D9 AA4 DDR_D9
DDR_D10 Y9 DDR_D10
DDR_D11 Y3 DDR_D11
DDR_D12 AA7 DDR_D12
DDR_D13 AA3 DDR_D13
DDR_D14 W7 DDR_D14
DDR_D15 W3 DDR_D15
DDR_DQM1 Y4 DDR_DQM1
DDR_DQS1_P Y6 DDR_DQS1_P DIFF100
DDR_DQS1_N AA6 DDR_DQS1_N DIFF100
DDR_RESET# V1 DDR_RESET
DDR_ZQ AA2
DDR_VREF Y1
LANE0
Matched Net Lengths [Tolerance = 10mil]
50Ω ± 10% single-ended trace impedance
Routing top or bottom
100Ω ±10% differential trace impedance
Routing top or bottom
LANE1
Matched Net Lengths [Tolerance = 10mil]
50Ω ± 10% single-ended trace impedance
Routing top or bottom
100Ω ±10% differential trace impedance
Routing top or bottom
VDDIODDR
R45 100k 0201 1%
R46 240R 1% 0201
DDR_VREF
C95 0.1uF 16V 0201
VDDIODDR
0201 16V 0.1uF C99 N6
0201 16V 0.1uF C100 N9
0201 16V 0.1uF C101 M11
0201 16V 0.1uF C102 N12
0201 16V 0.1uF C103 P3
0201 16V 0.1uF C104 P13
0201 16V 0.1uF C105 T6
0201 16V 0.1uF C106 T7
0201 16V 0.1uF C107 T9
0201 16V 0.1uF C108 U3
0201 16V 0.1uF C109 U5
0201 16V 0.1uF C110 U6
0201 16V 0.1uF C111 W8
0201 16V 0.1uF C112 Y2
0201 16V 0.1uF C113 AA5
0402 10V 4.7uF C114
VDDIODDR
GND N4
GND P8
GND K11
GND L11
GND P1
GND P14
GND R5
GND R7
GND R11
GND T5
GND U1
GND U7
GND W5
GND AA1
GND AA8
GND AA9
SAMA7D65
GND
GND