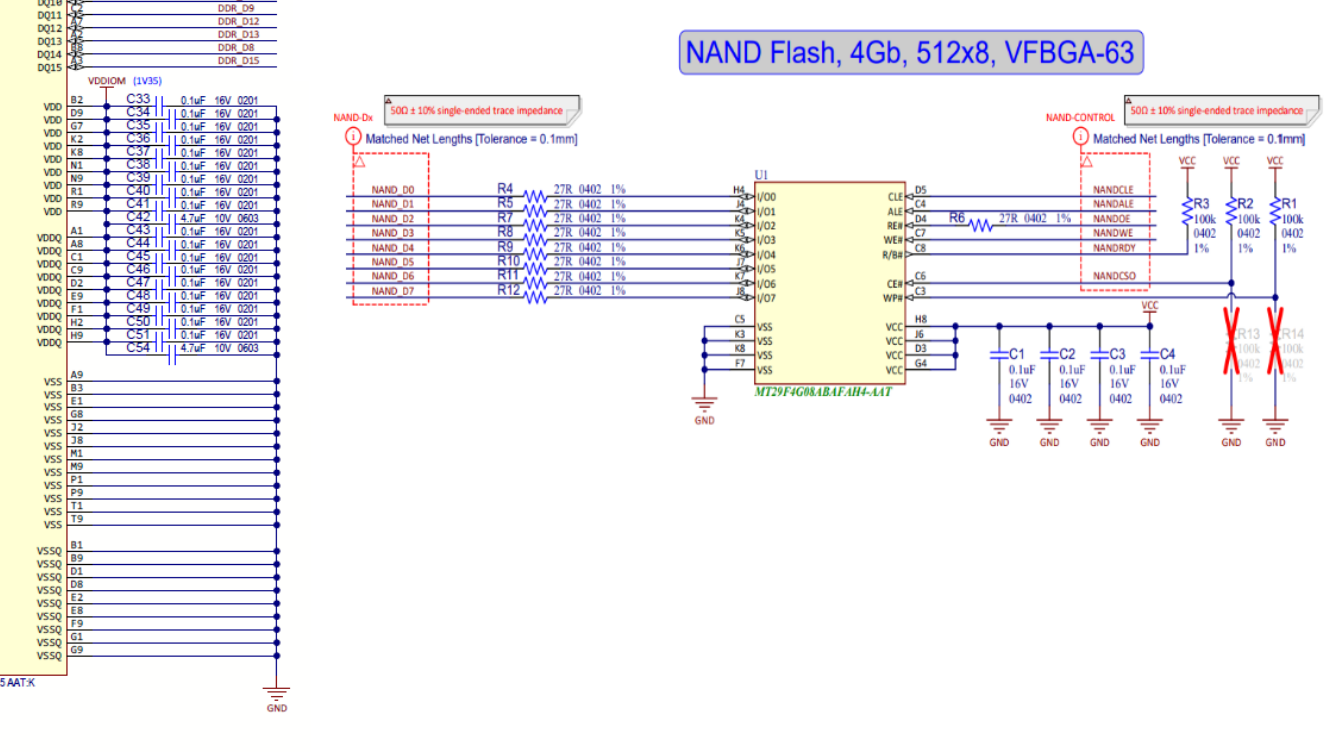
NAND Flash, 4Gb, 512x8, VFBGA-63
NAND-Dx
50Ω ± 10% single-ended trace impedance
Matched Net Lengths [Tolerance = 0.1mm]
NAND-CONTROL
50Ω ± 10% single-ended trace impedance
Matched Net Lengths [Tolerance = 0.1mm]
U1
MT29F4G08ABAFAH4-AAT
NAND_D0
NAND_D1
NAND_D2
NAND_D3
NAND_D4
NAND_D5
NAND_D6
NAND_D7
R4 27R 0402 1%
R5 27R 0402 1%
R7 27R 0402 1%
R8 27R 0402 1%
R9 27R 0402 1%
R10 27R 0402 1%
R11 27R 0402 1%
R12 27R 0402 1%
R6 27R 0402 1%
NANDCLE
NANDALE
NANDOE
NANDWE
NANDRDY
NANDCSO
VCC
R3 100k 0402 1%
R2 100k 0402 1%
R1 100k 0402 1%
R13 100k 0402 1%
R14 100k 0402 1%
C1 0.1uF 16V 0402
C2 0.1uF 16V 0402
C3 0.1uF 16V 0402
C4 0.1uF 16V 0402
GND
VDDIOM (1V35)
DDR_D9
DDR_D12
DDR_D13
DDR_D8
DDR_D15
C33 0.1uF 16V 0201
C34 0.1uF 16V 0201
C35 0.1uF 16V 0201
C36 0.1uF 16V 0201
C37 0.1uF 16V 0201
C38 0.1uF 16V 0201
C39 0.1uF 16V 0201
C40 0.1uF 16V 0201
C41 0.1uF 16V 0201
C42 4.7uF 10V 0603
C43 0.1uF 16V 0201
C44 0.1uF 16V 0201
C45 0.1uF 16V 0201
C46 0.1uF 16V 0201
C47 0.1uF 16V 0201
C48 0.1uF 16V 0201
C49 0.1uF 16V 0201
C50 0.1uF 16V 0201
C51 0.1uF 16V 0201
C54 4.7uF 10V 0603
VDD
VDDQ
VSS
VSSQ
5 AAT-K