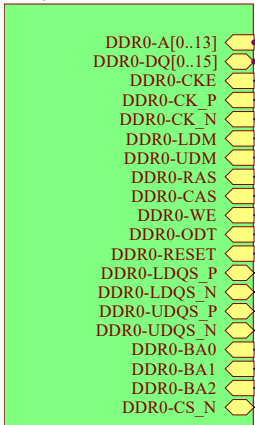


U_DDR3
DDR3.SchDoc



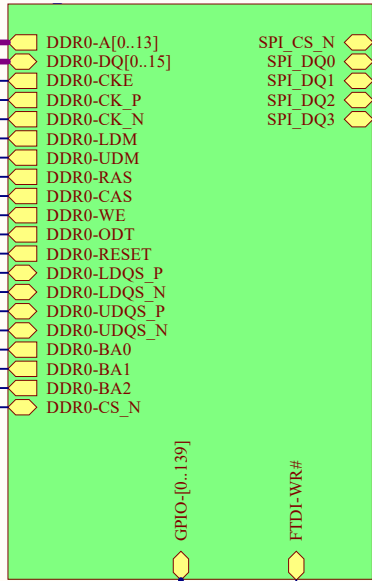
U_FPGA_D
FPGA_D.SchDoc



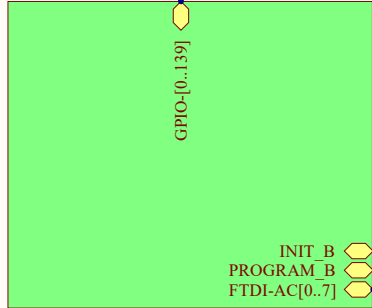
U_PowerSupply
PowerSupply.SchDoc



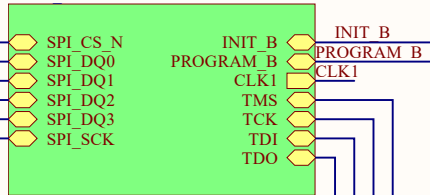
U_FPGA_A
FPGA_A.SchDoc



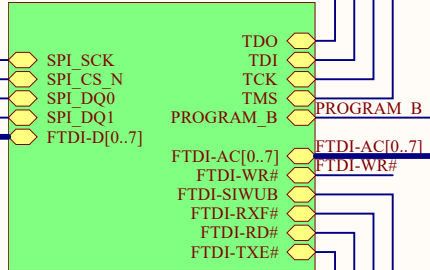
U_GPIO
GPIO.SchDoc



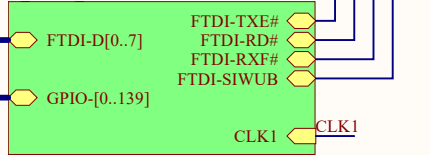
U_FPGA_C
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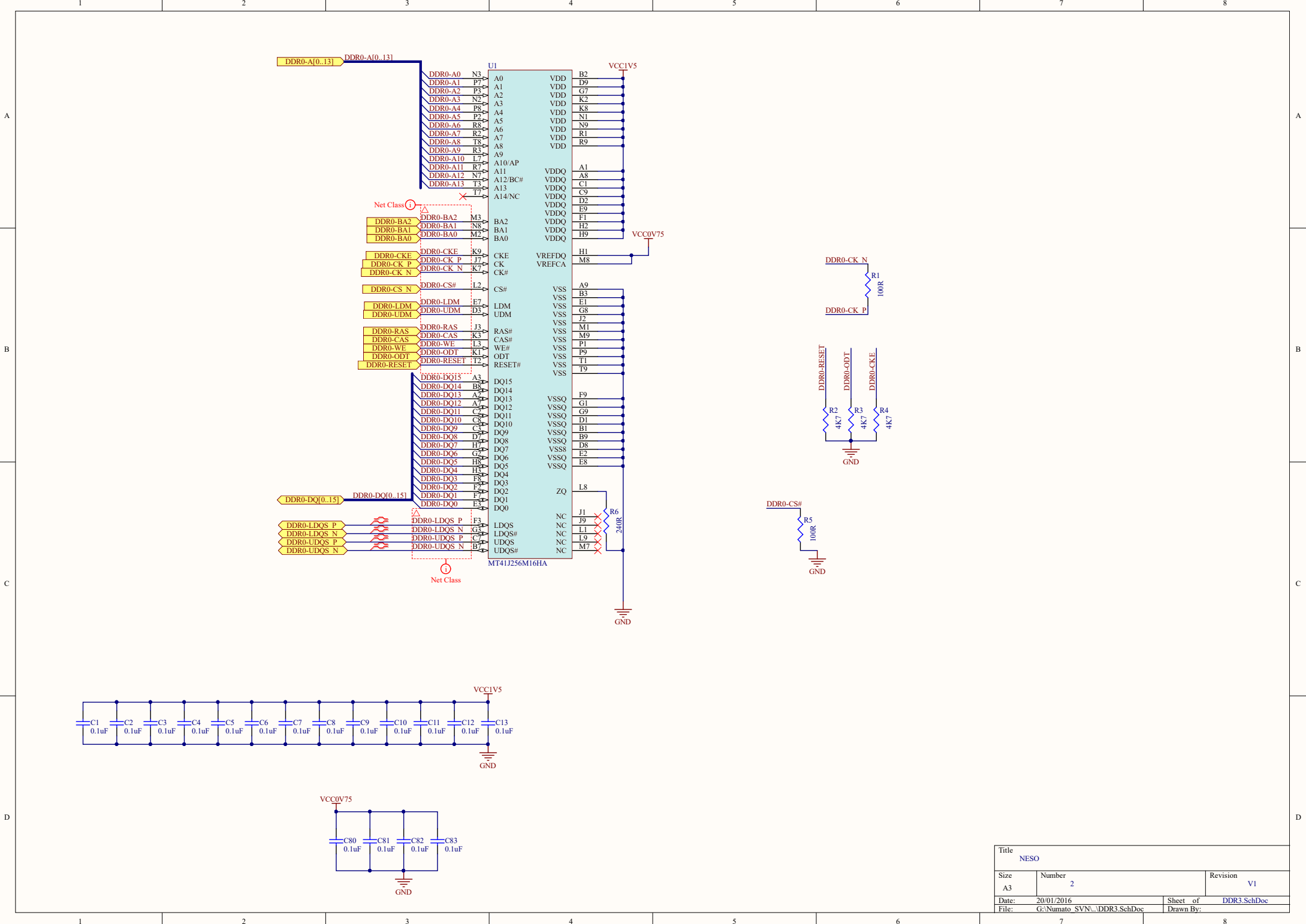
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FT2232H.SchDoc



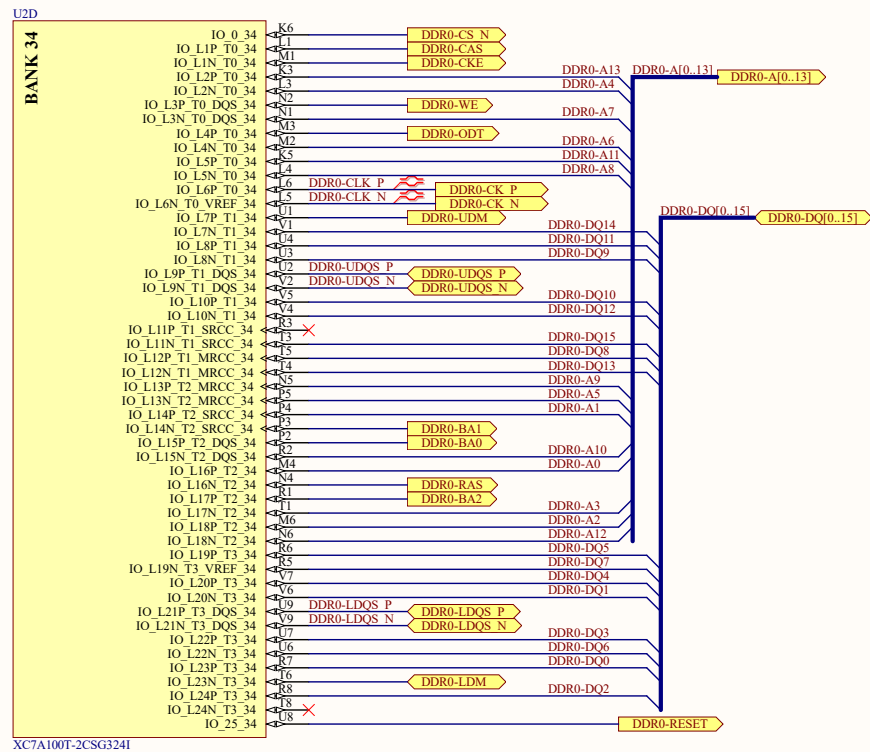
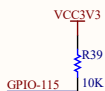
FPGA_B.SchDoc
U_FPGA_B



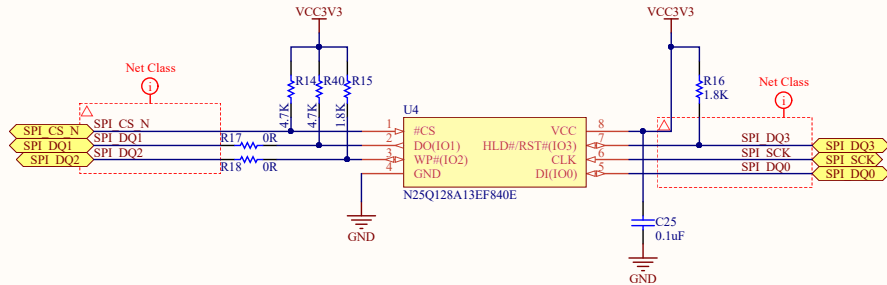
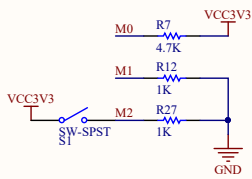
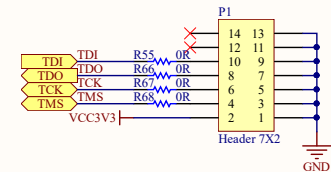
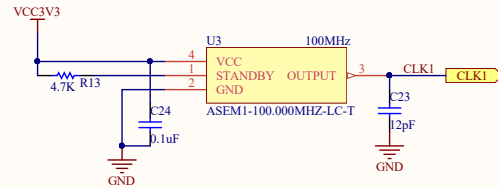
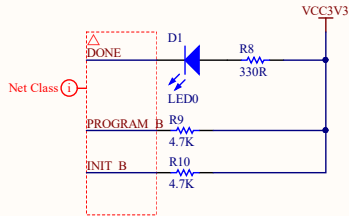
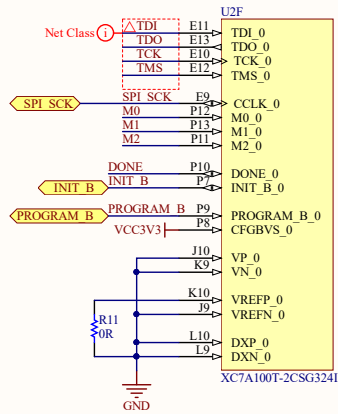
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Size A3	Number 4	Revision V1
Date: 20/01/2016	Sheet of FPGA C.SchDoc	Drawn By:
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U2B

BANK 15

IO_0_15
IO_L1P_T0_AD0P_15
IO_L1N_T0_AD0N_15
IO_L2P_T0_AD8P_15
IO_L2N_T0_AD8N_15
IO_L3P_T0_DQS_AD1P_15
IO_L3N_T0_DQS_AD1N_15
IO_L4P_T0_15
IO_L4N_T0_15
IO_L5P_T0_AD9P_15
IO_L5N_T0_AD9N_15
IO_L6P_T0_15
IO_L6N_T0_VREF_15
IO_L7P_T1_AD2P_15
IO_L7N_T1_AD2N_15
IO_L8P_T1_AD10P_15
IO_L8N_T1_AD10N_15
IO_L9P_T1_DQS_AD3P_15
IO_L9N_T1_DQS_AD3N_15
IO_L10P_T1_AD11P_15
IO_L10N_T1_AD11N_15
IO_L11P_T1_SRCC_15
IO_L11N_T1_SRCC_15
IO_L12P_T1_MRCC_15
IO_L12N_T1_MRCC_15
IO_L13P_T2_MRCC_15
IO_L13N_T2_MRCC_15
IO_L14P_T2_SRCC_15
IO_L14N_T2_SRCC_15
IO_L15P_T2_DQS_15
IO_L15N_T2_DQS_ADV_B_15
IO_L16P_T2_A28_15
IO_L16N_T2_A27_15
IO_L17P_T2_A26_15
IO_L17N_T2_A25_15
IO_L18P_T2_A24_15
IO_L18N_T2_A23_15
IO_L19P_T3_A22_15
IO_L19N_T3_A21_VREF_15
IO_L20P_T3_A20_15
IO_L20N_T3_A19_15
IO_L21P_T3_DQS_15
IO_L21N_T3_DQS_A18_15
IO_L22P_T3_A17_15
IO_L22N_T3_A16_15
IO_L23P_T3_FOE_B_15
IO_L23N_T3_FWE_B_15
IO_L24P_T3_RS1_15
IO_L24N_T3_RS0_15
IO_25_15

XC7A100T-2CSG324I

G13 FTDI-RXF# FTDI-RXF#

D14 GPIO-137

C14 GPIO-136

B13 GPIO-9

B14 GPIO-8

C12 GPIO-15

B12 GPIO-14

B11 GPIO-5

A11 GPIO-4

F13 GPIO-7

F14 GPIO-6

D12 GPIO-3

D13 GPIO-2

B16 GPIO-139

B17 GPIO-138

A15 GPIO-11

A16 GPIO-10

A13 GPIO-1

A14 GPIO-0

B18 FTDI-D1

A18 FTDI-D0

E15 GPIO-129

E16 GPIO-128

D15 GPIO-131

C15 GPIO-130

H16 GPIO-119

G16 GPIO-118

F15 GPIO-125

F16 GPIO-124

H14 GPIO-133

G14 GPIO-132

E17 GPIO-127

D17 GPIO-126

K13 GPIO-117

J13 GPIO-116

H17 GPIO-121

G17 GPIO-120

J14 GPIO-123

H15 GPIO-122

C16 GPIO-135

C17 GPIO-134

E18 FTDI-D3

D18 FTDI-D2

G18 FTDI-D5

F18 FTDI-D4

J17 FTDI-D6

J18 FTDI-D7

K15 GPIO-109

J15 GPIO-108

K16 FTDI-TXE#

FTDI-TXE#

FTDI-D[0..7] FTDI-D[0..7]

U2E

BANK 35

IO_0_35
IO_L1P_T0_AD4P_35
IO_L1N_T0_AD4N_35
IO_L2P_T0_AD12P_35
IO_L2N_T0_AD12N_35
IO_L3P_T0_DQS_AD5P_35
IO_L3N_T0_DQS_AD5N_35
IO_L4P_T0_35
IO_L4N_T0_35
IO_L5P_T0_AD13P_35
IO_L5N_T0_AD13N_35
IO_L6P_T0_35
IO_L6N_T0_VREF_35
IO_L7P_T1_AD6P_35
IO_L7N_T1_AD6N_35
IO_L8P_T1_AD14P_35
IO_L8N_T1_AD14N_35
IO_L9P_T1_DQS_AD7P_35
IO_L9N_T1_DQS_AD7N_35
IO_L10P_T1_AD15P_35
IO_L10N_T1_AD15N_35
IO_L11P_T1_SRCC_35
IO_L11N_T1_SRCC_35
IO_L12P_T1_MRCC_35
IO_L12N_T1_MRCC_35
IO_L13P_T2_MRCC_35
IO_L13N_T2_MRCC_35
IO_L14P_T2_SRCC_35
IO_L14N_T2_SRCC_35
IO_L15P_T2_DQS_35
IO_L15N_T2_DQS_35
IO_L16P_T2_35
IO_L16N_T2_35
IO_L17P_T2_35
IO_L17N_T2_35
IO_L18P_T2_35
IO_L18N_T2_35
IO_L19P_T3_35
IO_L19N_T3_VREF_35
IO_L20P_T3_35
IO_L20N_T3_35
IO_L21P_T3_DQS_35
IO_L21N_T3_DQS_35
IO_L22P_T3_35
IO_L22N_T3_35
IO_L23P_T3_35
IO_L23N_T3_35
IO_L24P_T3_35
IO_L24N_T3_35
IO_25_35

XC7A100T-2CSG324I

F5 GPIO-61

C6 GPIO-25

C5 GPIO-24

B7 GPIO-23

B6 GPIO-22

A6 GPIO-27

A5 GPIO-26

D8 GPIO-29

C7 GPIO-28

E6 GPIO-57

E5 GPIO-56

E7 GPIO-31

D7 GPIO-30

C4 GPIO-55

B4 GPIO-54

A4 GPIO-37

A3 GPIO-36

B1 GPIO-43

A1 GPIO-42

B3 GPIO-39

B2 GPIO-38

D5 GPIO-33

D4 GPIO-32

E3 GPIO-35

D3 GPIO-34

F4 CLK1

E3 GPIO-60

E2 GPIO-49

D2 GPIO-48

H2 GPIO-59

G2 GPIO-58

C2 GPIO-41

C1 GPIO-40

H1 GPIO-45

G1 GPIO-44

F1 GPIO-47

E1 GPIO-46

G6 GPIO-69

F6 GPIO-68

G4 GPIO-63

G3 GPIO-62

J4 GPIO-67

H4 GPIO-66

J3 GPIO-53

J2 GPIO-52

K2 GPIO-51

K1 GPIO-50

H6 GPIO-65

H5 GPIO-64

J5

U2C

BANK 16

IO_L6N_T0_VREF_16
IO_L11P_T1_SRCC_16
IO_L11N_T1_SRCC_16
IO_L12P_T1_MRCC_16
IO_L12N_T1_MRCC_16
IO_L13P_T2_MRCC_16
IO_L13N_T2_MRCC_16
IO_L14P_T2_SRCC_16
IO_L14N_T2_SRCC_16
IO_L19N_T3_VREF_16

XC7A100T-2CSG324I

D9 FTDI-RD#

C9 GPIO-21

B9 GPIO-20

B8 GPIO-17

A8 GPIO-16

C11 GPIO-19

C10 GPIO-18

A10 GPIO-13

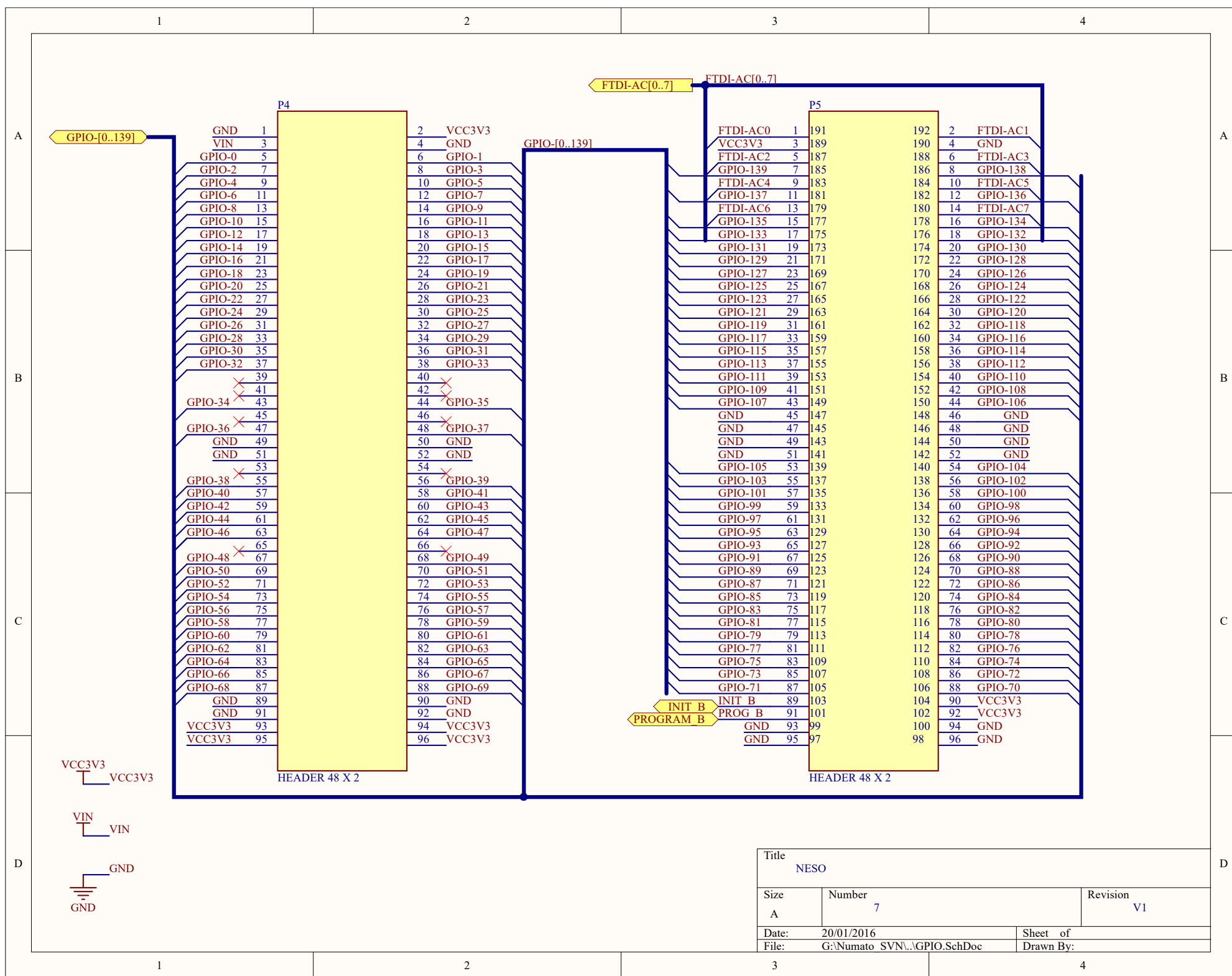
A9 GPIO-12

D10 FTDI-SIWUB

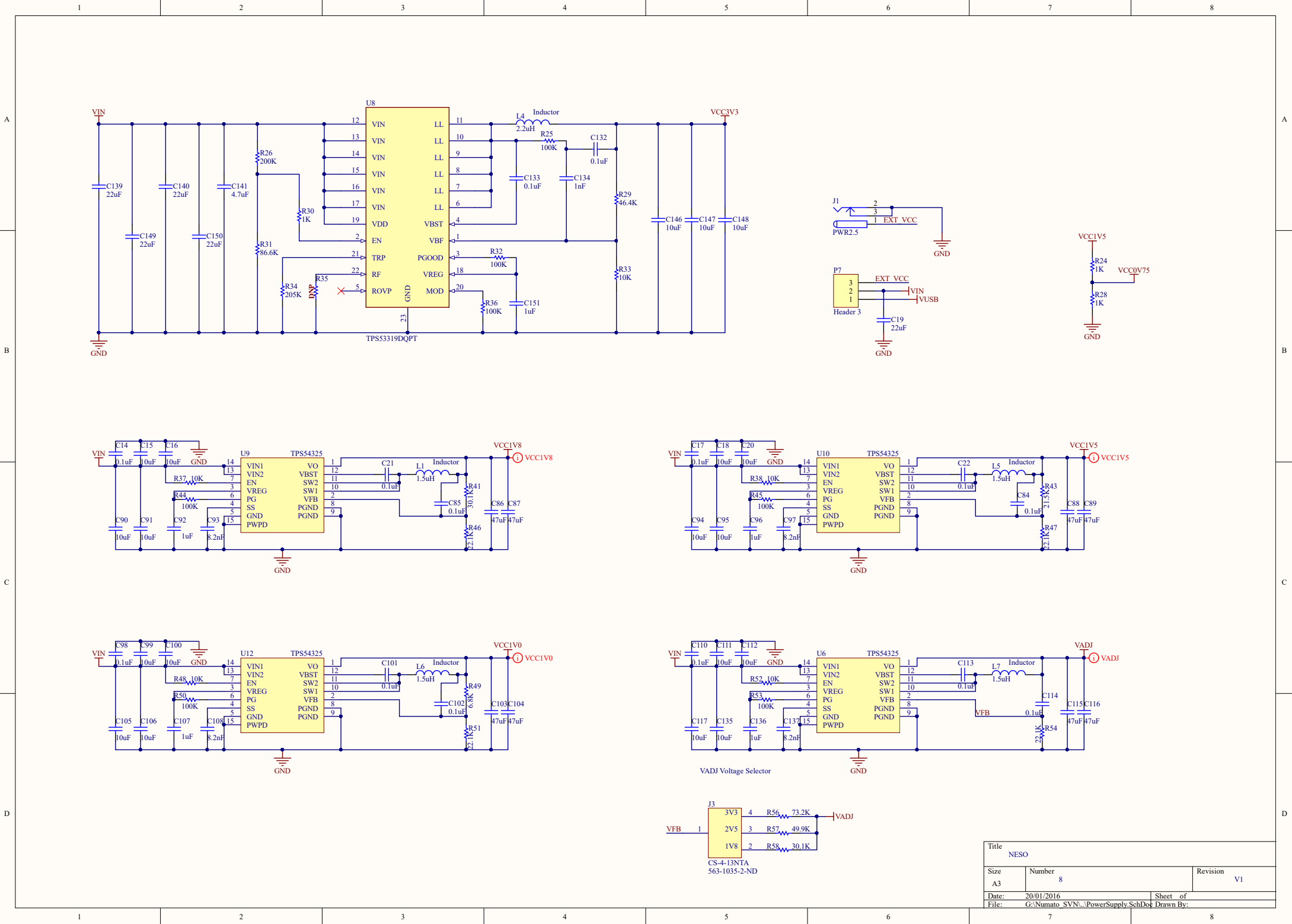
FTDI-SIWUB

GPIO-[0..139] GPIO-[0..139]

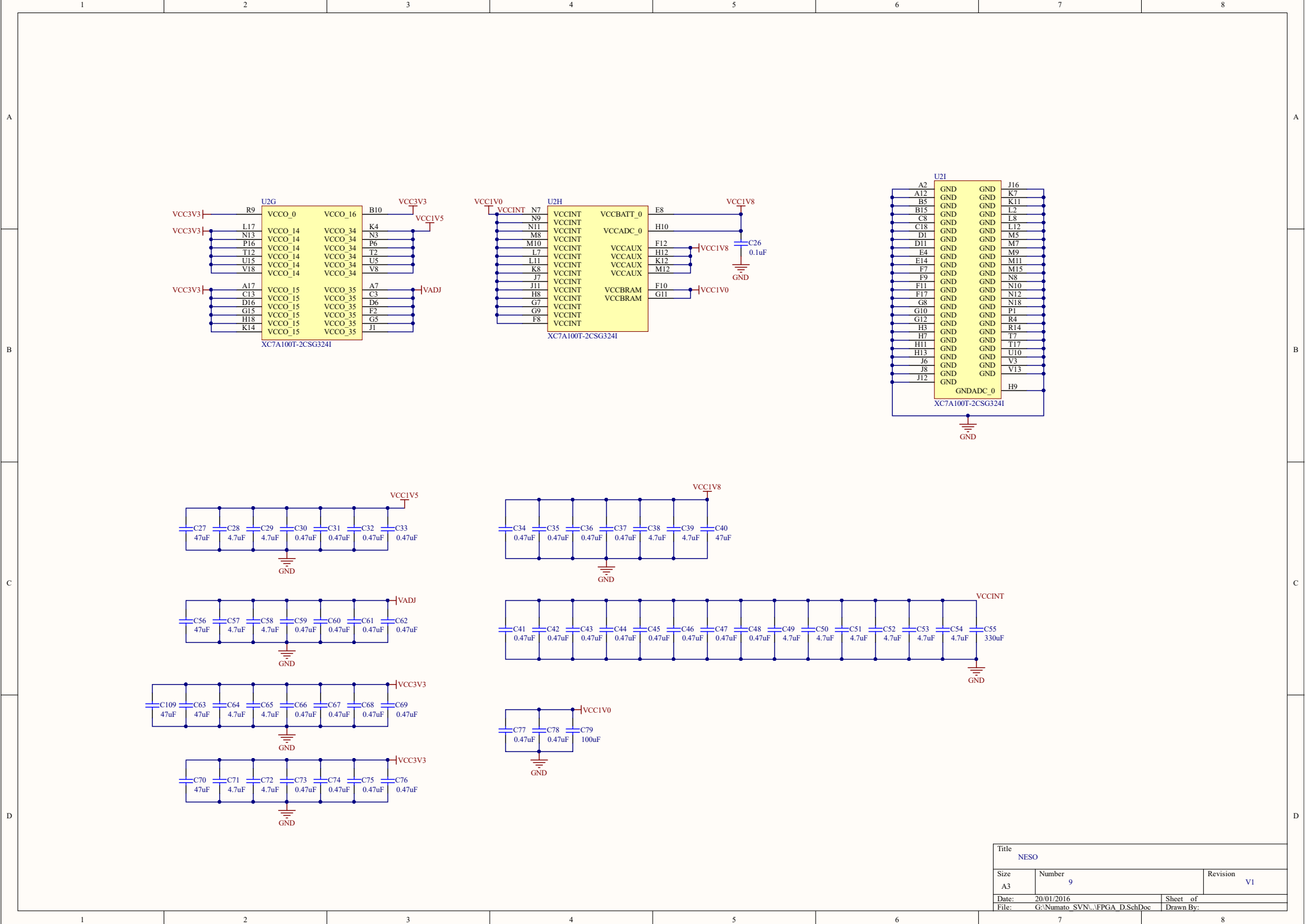
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