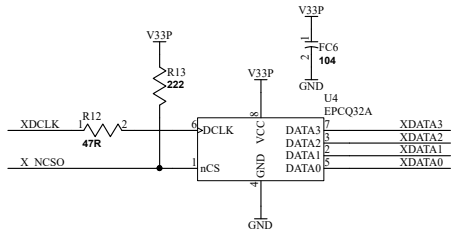

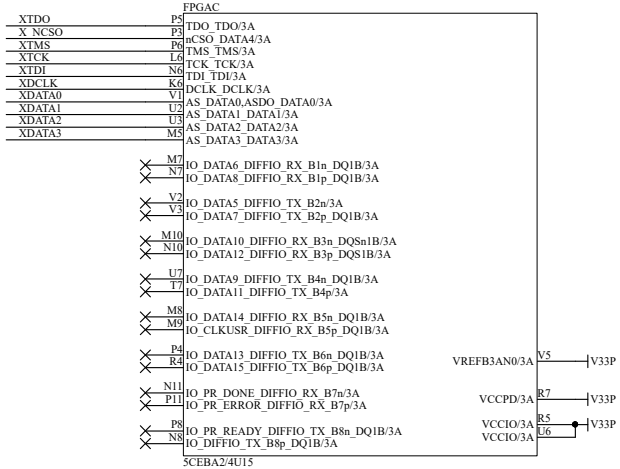

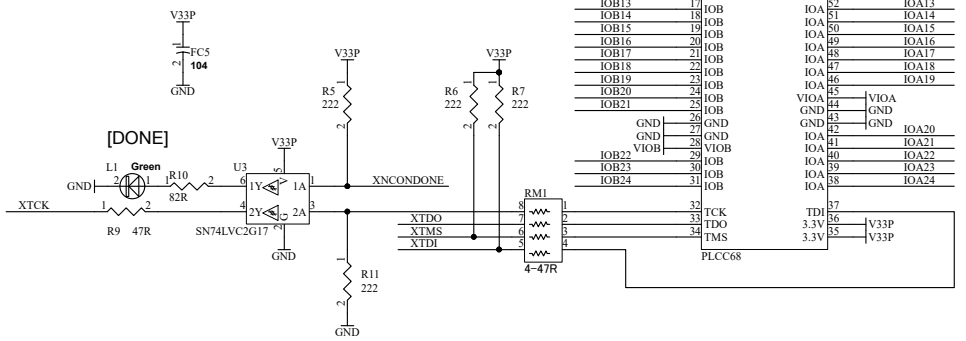

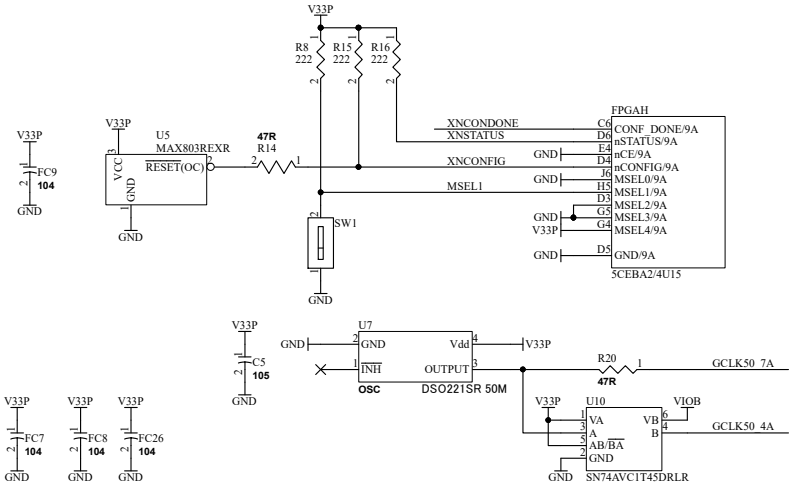

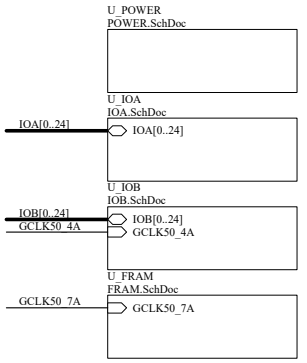

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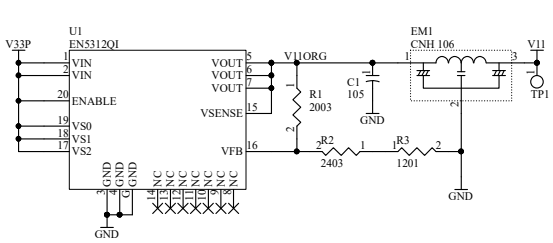

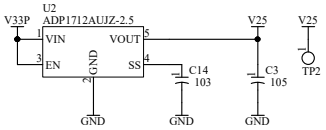

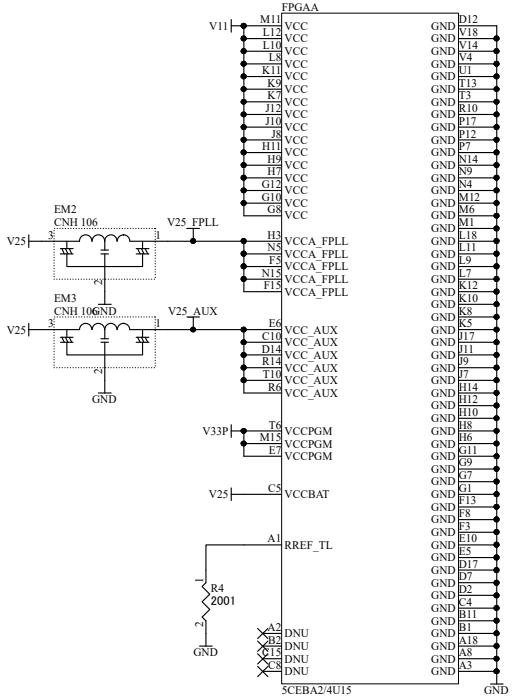

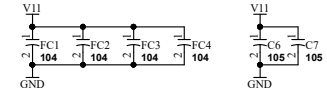

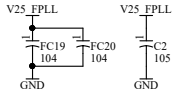

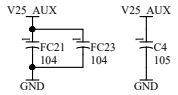

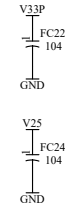

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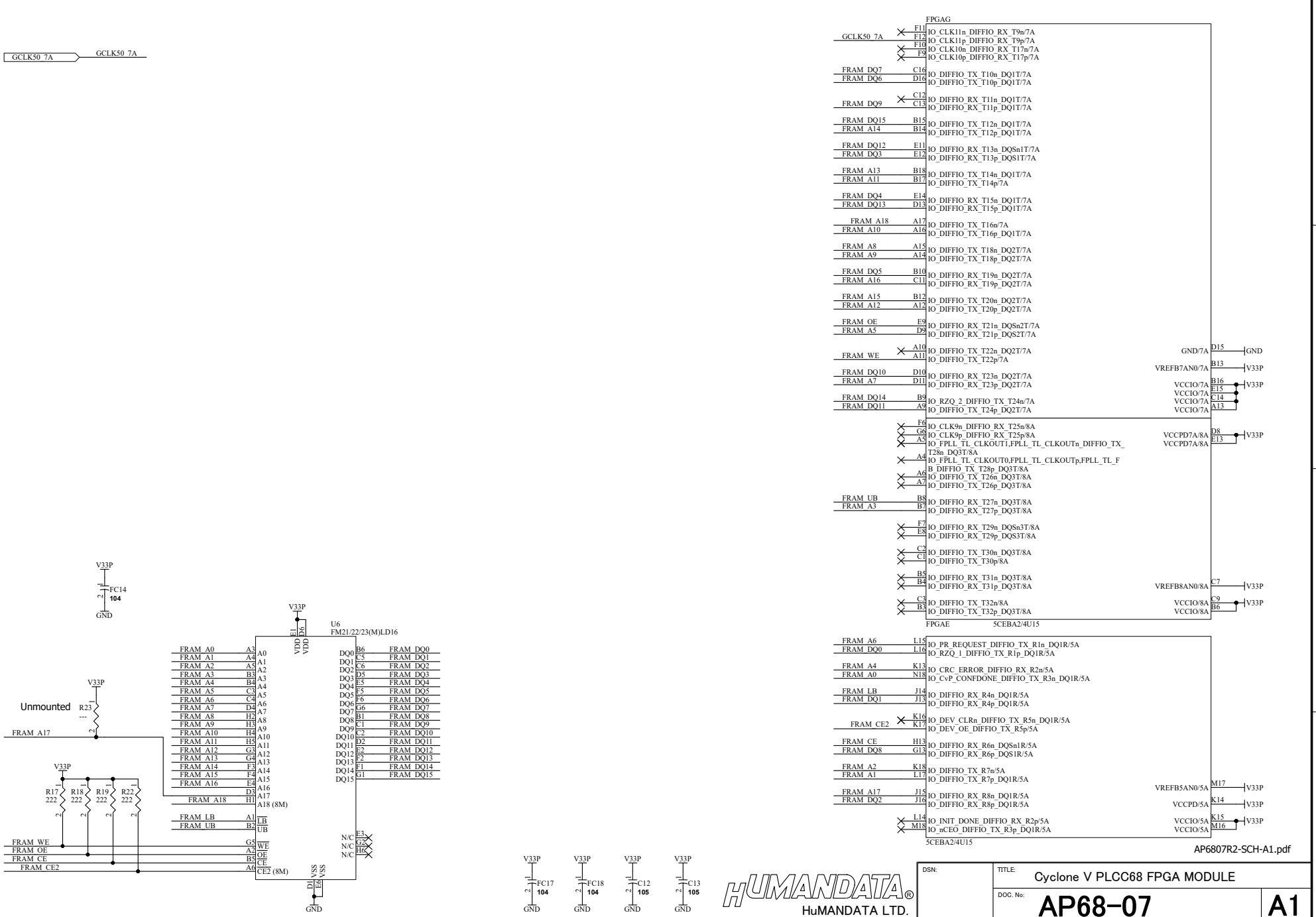
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GCLK50_7A
FPGAG
GCLK50_7A F11 IO_CLK11n_DIFFIO_RX_T9n/7A
F12 IO_CLK11p_DIFFIO_RX_T9p/7A
F10 IO_CLK10n_DIFFIO_RX_T17n/7A
F9 IO_CLK10p_DIFFIO_RX_T17p/7A
FRAM_DQ7 C16 IO_DIFFIO_TX_T10n_DQ1T/7A
FRAM_DQ6 D16 IO_DIFFIO_TX_T10p_DQ1T/7A
C12 IO_DIFFIO_RX_T11n_DQ1T/7A
FRAM_DQ9 C13 IO_DIFFIO_RX_T11p_DQ1T/7A
FRAM_DQ15 B15 IO_DIFFIO_TX_T12n_DQ1T/7A
FRAM_A14 B14 IO_DIFFIO_TX_T12p_DQ1T/7A
FRAM_DQ12 E11 IO_DIFFIO_RX_T13n_DQSn1T/7A
FRAM_DQ3 E12 IO_DIFFIO_RX_T13p_DQS1T/7A
FRAM_A13 B18 IO_DIFFIO_TX_T14n_DQ1T/7A
FRAM_A11 B17 IO_DIFFIO_TX_T14p/7A
FRAM_DQ4 E14 IO_DIFFIO_RX_T15n_DQ1T/7A
FRAM_DQ13 D13 IO_DIFFIO_RX_T15p_DQ1T/7A
FRAM_A18 A17 IO_DIFFIO_TX_T16n/7A
FRAM_A10 A16 IO_DIFFIO_TX_T16p_DQ1T/7A
FRAM_A8 A15 IO_DIFFIO_TX_T18n_DQ2T/7A
FRAM_A9 A14 IO_DIFFIO_TX_T18p_DQ2T/7A
FRAM_DQ5 B10 IO_DIFFIO_RX_T19n_DQ2T/7A
FRAM_A16 C11 IO_DIFFIO_RX_T19p_DQ2T/7A
FRAM_A15 B12 IO_DIFFIO_TX_T20n_DQ2T/7A
FRAM_A12 A12 IO_DIFFIO_TX_T20p_DQ2T/7A
FRAM_OE E9 IO_DIFFIO_RX_T21n_DQSn2T/7A
FRAM_A5 D9 IO_DIFFIO_RX_T21p_DQS2T/7A
A10 IO_DIFFIO_TX_T22n_DQ2T/7A
FRAM_WE A11 IO_DIFFIO_TX_T22p/7A
FRAM_DQ10 D10 IO_DIFFIO_RX_T23n_DQ2T/7A
FRAM_A7 D11 IO_DIFFIO_RX_T23p_DQ2T/7A
FRAM_DQ14 B9 IO_RZQ_2_DIFFIO_TX_T24n/7A
FRAM_DQ11 A9 IO_DIFFIO_TX_T24p_DQ2T/7A
GND/7A D15 GND
VREFB7AN0/7A B13 V33P
VCCIO/7A B16 V33P
VCCIO/7A E15
VCCIO/7A C14
VCCIO/7A A13
F6 IO_CLK9n_DIFFIO_RX_T25n/8A
G6 IO_CLK9p_DIFFIO_RX_T25p/8A
A5 IO_FPLL_TL_CLKOUT1,FPLL_TL_CLKOUTn_DIFFIO_TX_T28n_DQ3T/8A
A4 IO_FPLL_TL_CLKOUT0,FPLL_TL_CLKOUTp,FPLL_TL_FB_DIFFIO_TX_T28p_DQ3T/8A
A6 IO_DIFFIO_TX_T26n_DQ3T/8A
A7 IO_DIFFIO_TX_T26p_DQ3T/8A
FRAM_UB B8 IO_DIFFIO_RX_T27n_DQ3T/8A
FRAM_A3 B7 IO_DIFFIO_RX_T27p_DQ3T/8A
F7 IO_DIFFIO_RX_T29n_DQSn3T/8A
E8 IO_DIFFIO_RX_T29p_DQS3T/8A
C2 IO_DIFFIO_TX_T30n_DQ3T/8A
C1 IO_DIFFIO_TX_T30p/8A
B5 IO_DIFFIO_RX_T31n_DQ3T/8A
B4 IO_DIFFIO_RX_T31p_DQ3T/8A
C3 IO_DIFFIO_TX_T32n/8A
B3 IO_DIFFIO_TX_T32p_DQ3T/8A
VREFB8AN0/8A C7 V33P
VCCIO/8A C9 V33P
VCCIO/8A B6
VCCPD7A/8A D8 V33P
VCCPD7A/8A E13
FPGAE 5CEBA2/4U15
FRAM_A6 L15 IO_PR_REQUEST_DIFFIO_TX_R1n_DQ1R/5A
FRAM_DQ0 L16 IO_RZQ_1_DIFFIO_TX_R1p_DQ1R/5A
FRAM_A4 K13 IO_CRC_ERROR_DIFFIO_RX_R2n/5A
FRAM_A0 N18 IO_CvP_CONFDONE_DIFFIO_TX_R3n_DQ1R/5A
FRAM_LB J14 IO_DIFFIO_RX_R4n_DQ1R/5A
FRAM_DQ1 J13 IO_DIFFIO_RX_R4p_DQ1R/5A
FRAM_CE2 K16 IO_DEV_CLRn_DIFFIO_TX_R5n_DQ1R/5A
K17 IO_DEV_OE_DIFFIO_TX_R5p/5A
FRAM_CE H13 IO_DIFFIO_RX_R6n_DQSn1R/5A
FRAM_DQ8 G13 IO_DIFFIO_RX_R6p_DQS1R/5A
FRAM_A2 K18 IO_DIFFIO_TX_R7n/5A
FRAM_A1 L17 IO_DIFFIO_TX_R7p_DQ1R/5A
FRAM_A17 J15 IO_DIFFIO_RX_R8n_DQ1R/5A
FRAM_DQ2 J16 IO_DIFFIO_RX_R8p_DQ1R/5A
L14 IO_INIT_DONE_DIFFIO_RX_R2p/5A
M18 IO_nCEO_DIFFIO_TX_R3p_DQ1R/5A
VREFB5AN0/5A M17 V33P
VCCPD/5A K14 V33P
VCCIO/5A K15 V33P
VCCIO/5A M16
5CEBA2/4U15
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V33P
FC14
104
GND
U6
FM21/22/23(M)LD16
VDD E1
VDD D6
VSS D1
VSS E6
FRAM_A0 A3 A0
FRAM_A1 A4 A1
FRAM_A2 A5 A2
FRAM_A3 B3 A3
FRAM_A4 B4 A4
FRAM_A5 C3 A5
FRAM_A6 C4 A6
FRAM_A7 D4 A7
FRAM_A8 H2 A8
FRAM_A9 H3 A9
FRAM_A10 H4 A10
FRAM_A11 H5 A11
FRAM_A12 G3 A12
FRAM_A13 G4 A13
FRAM_A14 F3 A14
FRAM_A15 F4 A15
FRAM_A16 E4 A16
D3 A17
FRAM_A18 H1 A18 (8M)
FRAM_LB A1 LB
FRAM_UB B2 UB
FRAM_WE G5 WE
FRAM_OE A2 OE
FRAM_CE B5 CE
FRAM_CE2 A6 CE2 (8M)
DQ0 B6 FRAM_DQ0
DQ1 C5 FRAM_DQ1
DQ2 C6 FRAM_DQ2
DQ3 D5 FRAM_DQ3
DQ4 E5 FRAM_DQ4
DQ5 F6 FRAM_DQ5
DQ6 G6 FRAM_DQ6
DQ7 B1 FRAM_DQ7
DQ8 C1 FRAM_DQ8
DQ9 C2 FRAM_DQ9
DQ10 D2 FRAM_DQ10
DQ11 E2 FRAM_DQ11
DQ12 F2 FRAM_DQ12
DQ13 F1 FRAM_DQ13
DQ14 G1 FRAM_DQ14
DQ15 FRAM_DQ15
N/C E3
N/C G2
N/C H6
Unmounted
R23 ---
R17 222
R18 222
R19 222
R22 222
FC17 104
FC18 104
C12 105
C13 105
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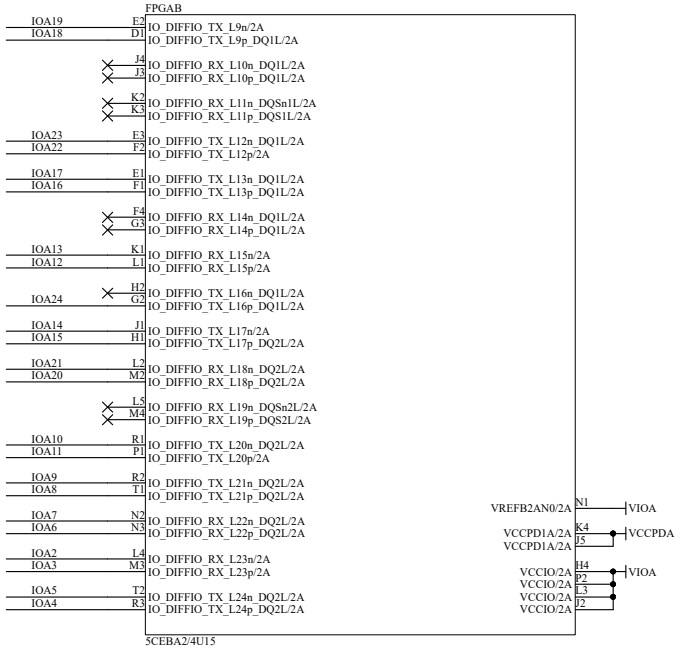
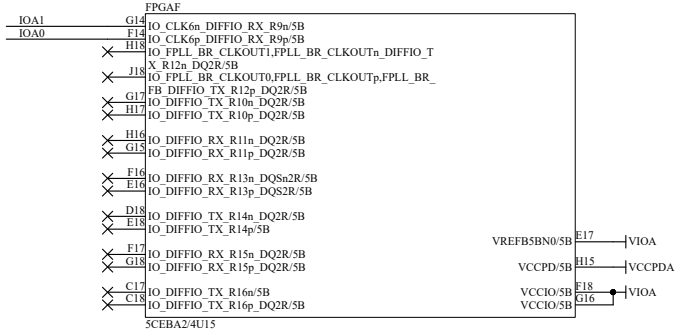
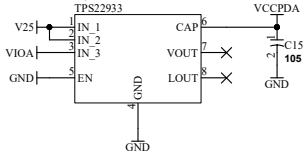
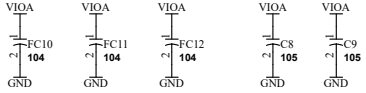
IOA[0..24]

IOA[0..24]









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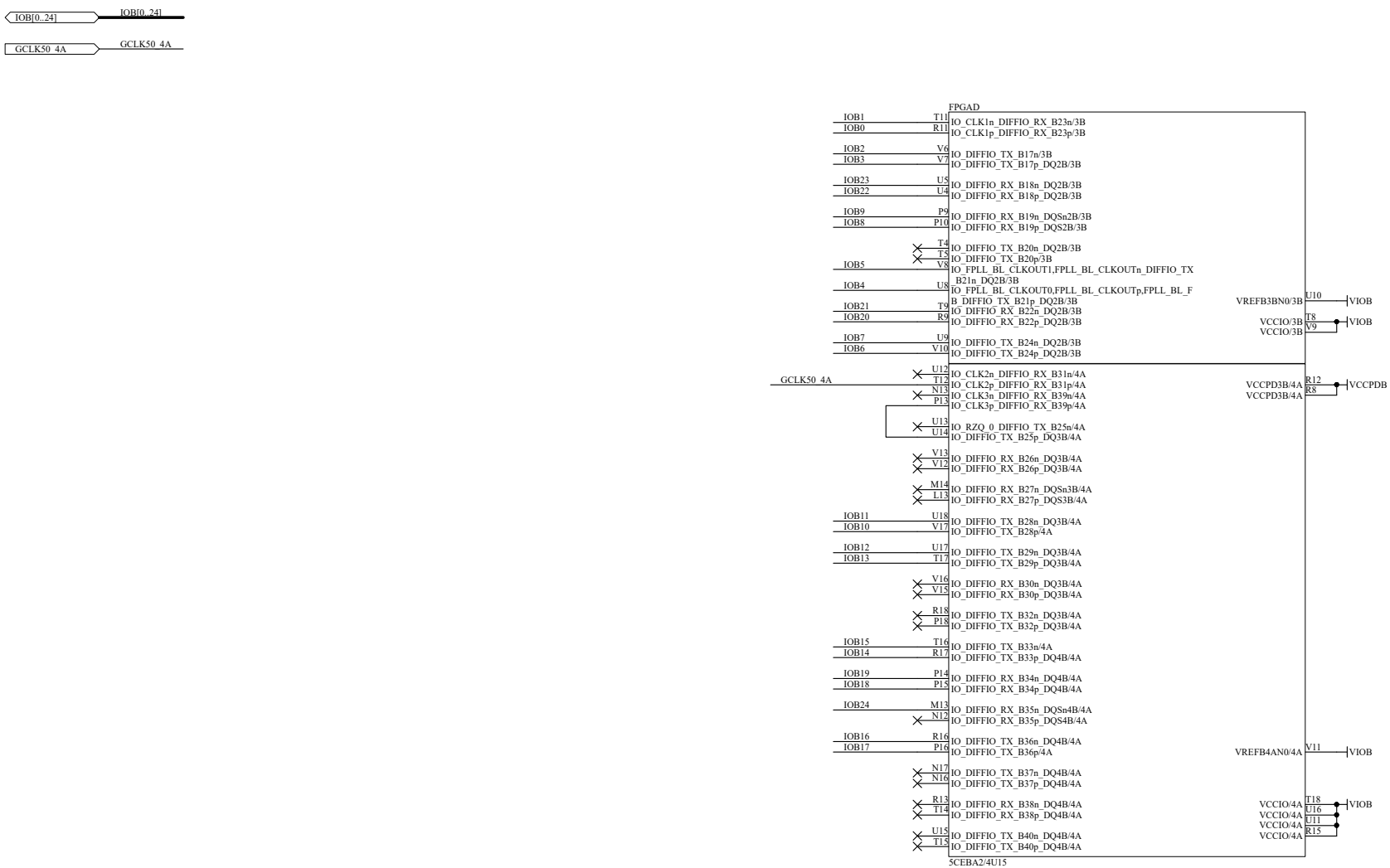
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IOB[0..24]
GCLK50_4A
GCLK50_4A
FPGAD
IOB1 T11 IO_CLK1n_DIFFIO_RX_B23n/3B
IOB0 R11 IO_CLK1p_DIFFIO_RX_B23p/3B
IOB2 V6 IO_DIFFIO_TX_B17n/3B
IOB3 V7 IO_DIFFIO_TX_B17p_DQ2B/3B
IOB23 U5 IO_DIFFIO_RX_B18n_DQ2B/3B
IOB22 U4 IO_DIFFIO_RX_B18p_DQ2B/3B
IOB9 P9 IO_DIFFIO_RX_B19n_DQSn2B/3B
IOB8 P10 IO_DIFFIO_RX_B19p_DQS2B/3B
T4 IO_DIFFIO_TX_B20n_DQ2B/3B
T5 IO_DIFFIO_TX_B20p/3B
IOB5 V8 IO_FPLL_BL_CLKOUT1,FPLL_BL_CLKOUTn_DIFFIO_TX_B21n_DQ2B/3B
IOB4 U8 IO_FPLL_BL_CLKOUT0,FPLL_BL_CLKOUTp,FPLL_BL_FB_DIFFIO_TX_B21p_DQ2B/3B
IOB21 T9 IO_DIFFIO_RX_B22n_DQ2B/3B
IOB20 R9 IO_DIFFIO_RX_B22p_DQ2B/3B
IOB7 U9 IO_DIFFIO_TX_B24n_DQ2B/3B
IOB6 V10 IO_DIFFIO_TX_B24p_DQ2B/3B
U12 IO_CLK2n_DIFFIO_RX_B31n/4A
GCLK50_4A T12 IO_CLK2p_DIFFIO_RX_B31p/4A
N13 IO_CLK3n_DIFFIO_RX_B39n/4A
P13 IO_CLK3p_DIFFIO_RX_B39p/4A
U13 IO_RZQ_0_DIFFIO_TX_B25n/4A
U14 IO_DIFFIO_TX_B25p_DQ3B/4A
V13 IO_DIFFIO_RX_B26n_DQ3B/4A
V12 IO_DIFFIO_RX_B26p_DQ3B/4A
M14 IO_DIFFIO_RX_B27n_DQSn3B/4A
L13 IO_DIFFIO_RX_B27p_DQS3B/4A
IOB11 U18 IO_DIFFIO_TX_B28n_DQ3B/4A
IOB10 V17 IO_DIFFIO_TX_B28p/4A
IOB12 U17 IO_DIFFIO_TX_B29n_DQ3B/4A
IOB13 T17 IO_DIFFIO_TX_B29p_DQ3B/4A
V16 IO_DIFFIO_RX_B30n_DQ3B/4A
V15 IO_DIFFIO_RX_B30p_DQ3B/4A
R18 IO_DIFFIO_TX_B32n_DQ3B/4A
P18 IO_DIFFIO_TX_B32p_DQ3B/4A
IOB15 T16 IO_DIFFIO_TX_B33n/4A
IOB14 R17 IO_DIFFIO_TX_B33p_DQ4B/4A
IOB19 P14 IO_DIFFIO_RX_B34n_DQ4B/4A
IOB18 P15 IO_DIFFIO_RX_B34p_DQ4B/4A
IOB24 M13 IO_DIFFIO_RX_B35n_DQSn4B/4A
N12 IO_DIFFIO_RX_B35p_DQS4B/4A
IOB16 R16 IO_DIFFIO_TX_B36n_DQ4B/4A
IOB17 P16 IO_DIFFIO_TX_B36p/4A
N17 IO_DIFFIO_TX_B37n_DQ4B/4A
N16 IO_DIFFIO_TX_B37p_DQ4B/4A
R13 IO_DIFFIO_RX_B38n_DQ4B/4A
T14 IO_DIFFIO_RX_B38p_DQ4B/4A
U15 IO_DIFFIO_TX_B40n_DQ4B/4A
T15 IO_DIFFIO_TX_B40p_DQ4B/4A
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VCCIO/3B T8 VIOB
VCCIO/3B V9
VCCPD3B/4A R12 VCCPDB
VCCPD3B/4A R8
VREFB4AN0/4A V11 VIOB
VCCIO/4A T18 VIOB
VCCIO/4A U16
VCCIO/4A U11
VCCIO/4A R15
U9
TPS22933
V25 IN_1
IN_2
VIOB IN_3
GND EN
CAP VCCPDB
VOUT C16 105
LOUT GND
GND
GND
VIOB FC15 104 FC16 104 GND
VIOB C10 105 C11 105 GND
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