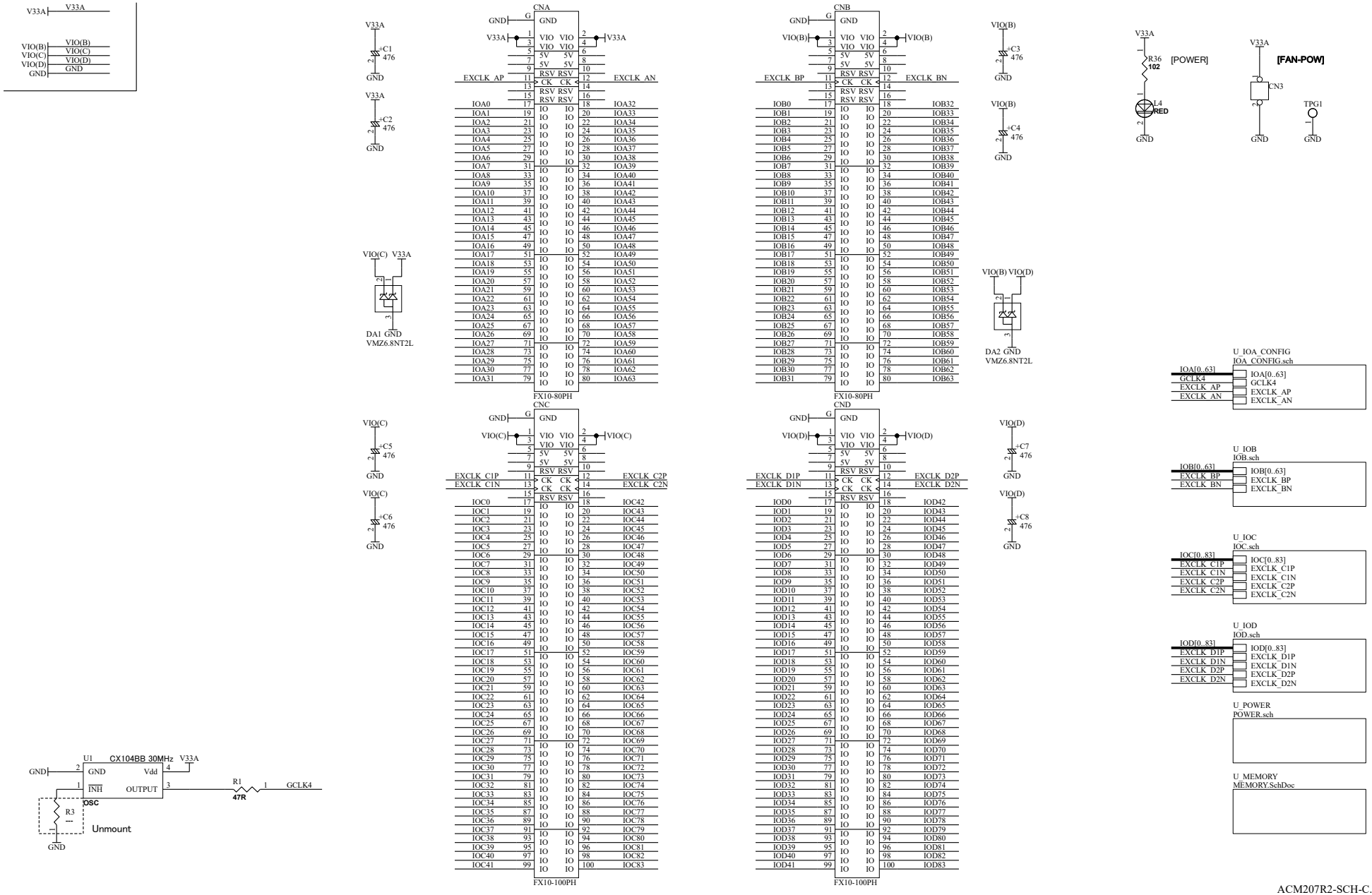

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DOC. No:	ACM-207 C
FILE: ACM207C.sch	DATE: 2023/09/06 10:30:25 Sheet: 1 / 7

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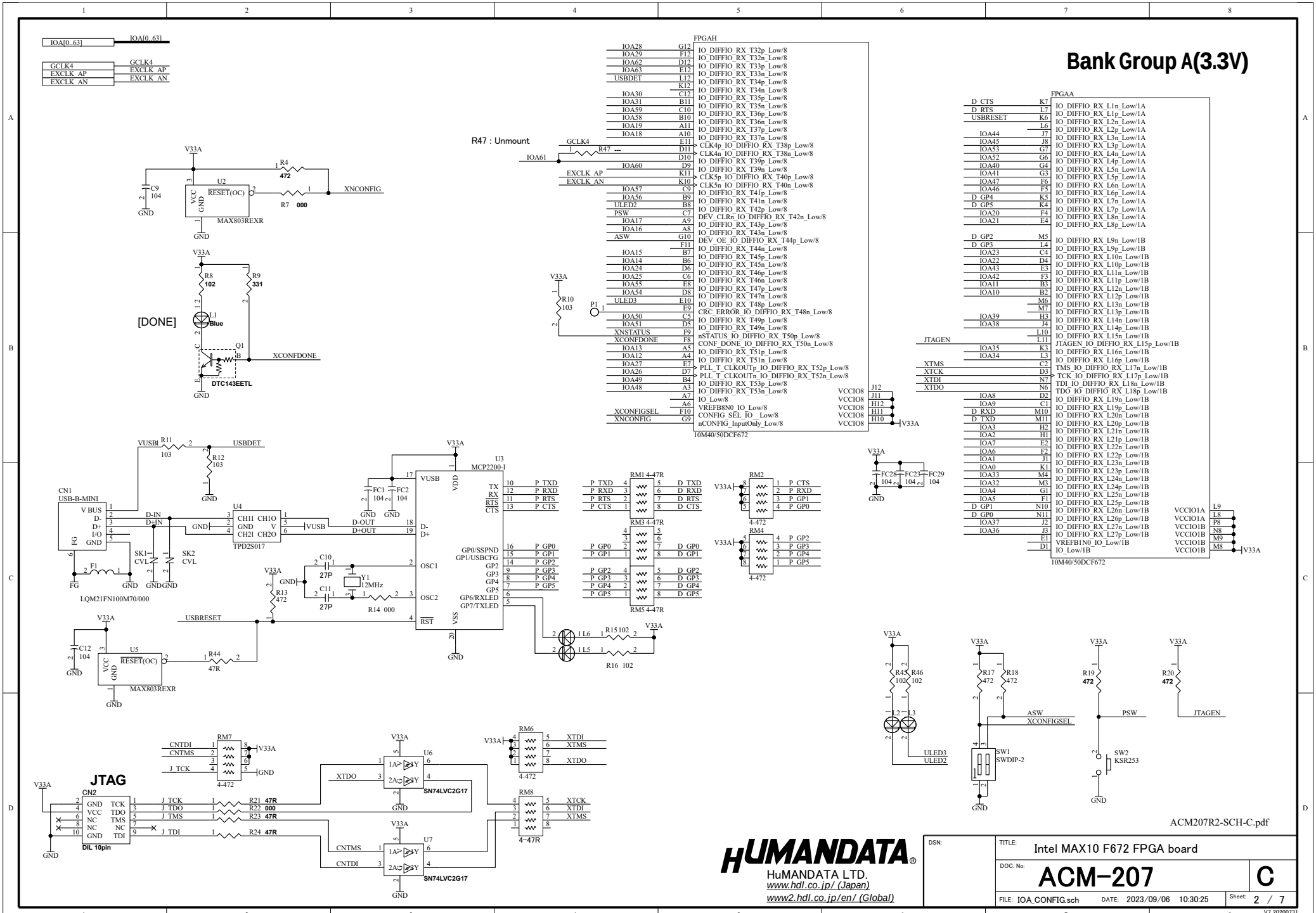
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FPGAH
10M40/50DCF672
FPGAA
10M40/50DCF672
R47 : Unmount
[DONE]
DTC143EETL
MAX803REXR
TPD2S017
LQM21FN100M70/000
MCP2200-I
SN74LVC2G17
JTAG
DIL 10pin
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TITLE: Intel MAX10 F672 FPGA board
DOC. No: ACM-207
C
FILE: IOA_CONFIG.sch
DATE: 2023/09/06 10:30:25
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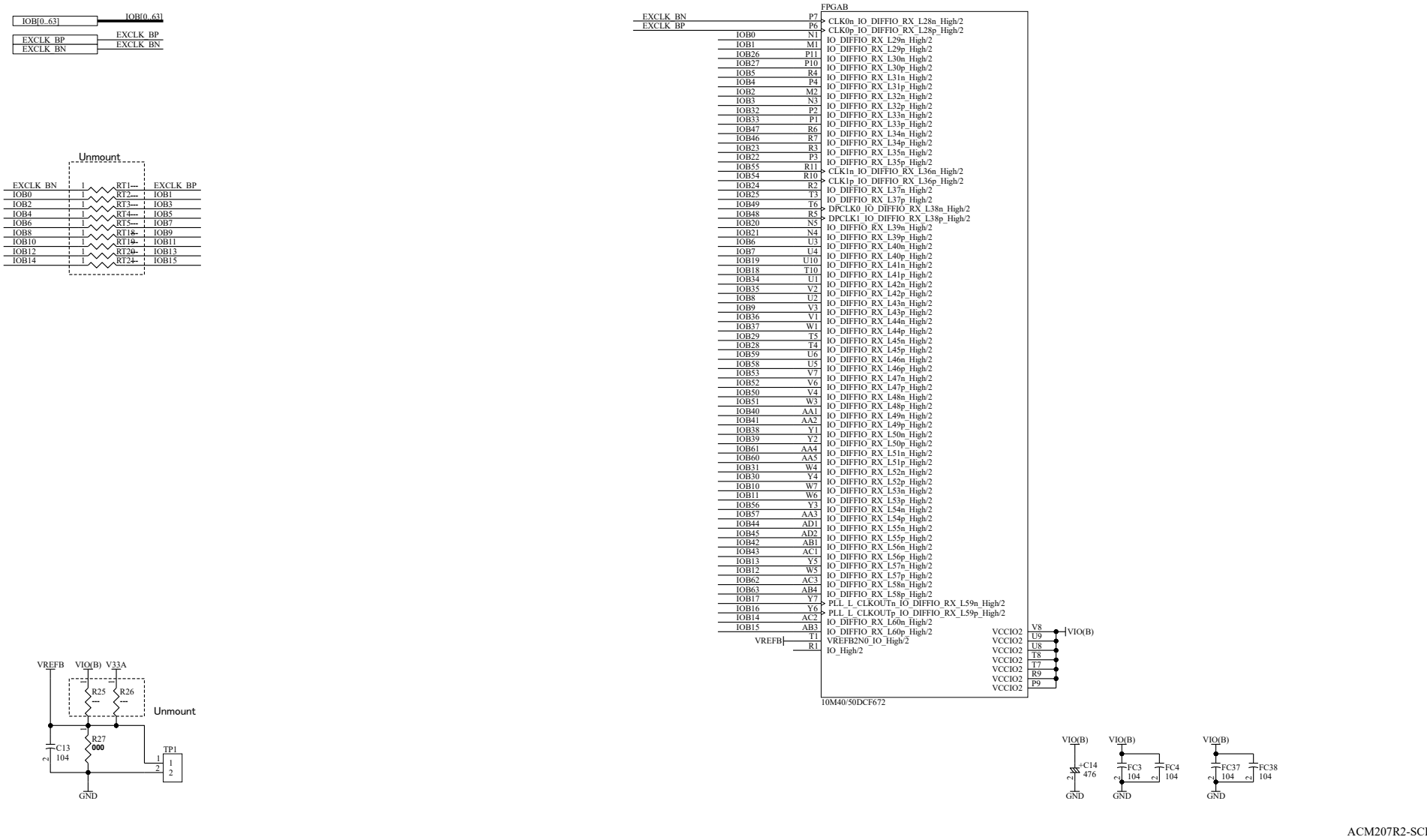

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FILE: IOB.sch	DATE: 2023/09/06 10:30:25 Sheet: 3 / 7

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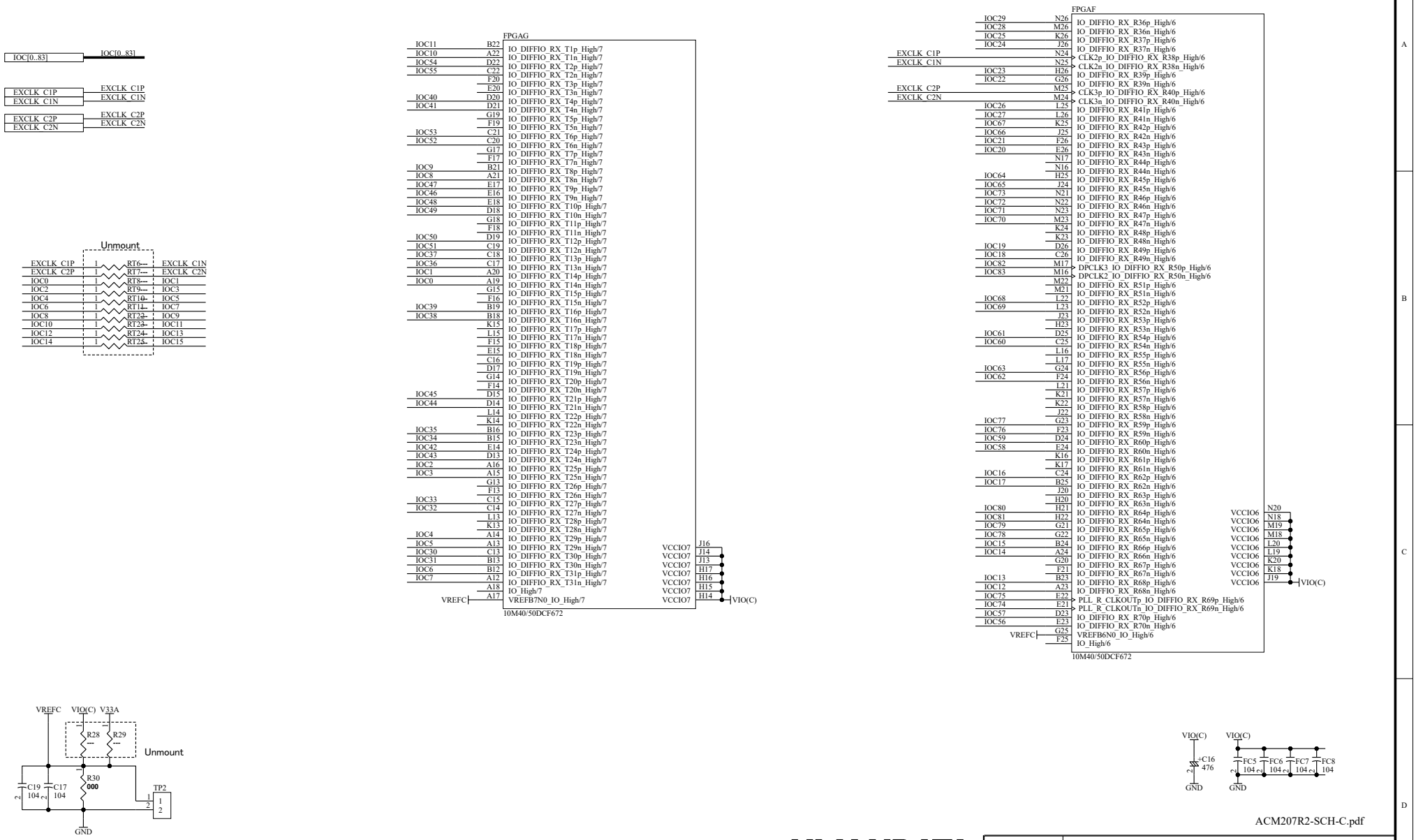
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IOC[0..83]
EXCLK_C1P
EXCLK_C1N
EXCLK_C1P
EXCLK_C1N
EXCLK_C2P
EXCLK_C2N
EXCLK_C2P
EXCLK_C2N
Unmount
EXCLK_C1P RT6 --- EXCLK_C1N
EXCLK_C2P RT7 --- EXCLK_C2N
IOC0 RT8 --- IOC1
IOC2 RT9 --- IOC3
IOC4 RT10 --- IOC5
IOC6 RT11 --- IOC7
IOC8 RT22 --- IOC9
IOC10 RT23 --- IOC11
IOC12 RT24 --- IOC13
IOC14 RT25 --- IOC15
FPGAG
IOC11 B22 IO_DIFFIO_RX_T1p_High/7
IOC10 A22 IO_DIFFIO_RX_T1n_High/7
IOC54 D22 IO_DIFFIO_RX_T2p_High/7
IOC55 C22 IO_DIFFIO_RX_T2n_High/7
F20 IO_DIFFIO_RX_T3p_High/7
E20 IO_DIFFIO_RX_T3n_High/7
IOC40 D20 IO_DIFFIO_RX_T4p_High/7
IOC41 D21 IO_DIFFIO_RX_T4n_High/7
G19 IO_DIFFIO_RX_T5p_High/7
F19 IO_DIFFIO_RX_T5n_High/7
IOC53 C21 IO_DIFFIO_RX_T6p_High/7
IOC52 C20 IO_DIFFIO_RX_T6n_High/7
G17 IO_DIFFIO_RX_T7p_High/7
F17 IO_DIFFIO_RX_T7n_High/7
IOC9 B21 IO_DIFFIO_RX_T8p_High/7
IOC8 A21 IO_DIFFIO_RX_T8n_High/7
IOC47 E17 IO_DIFFIO_RX_T9p_High/7
IOC46 E16 IO_DIFFIO_RX_T9n_High/7
IOC48 E18 IO_DIFFIO_RX_T10p_High/7
IOC49 D18 IO_DIFFIO_RX_T10n_High/7
G18 IO_DIFFIO_RX_T11p_High/7
F18 IO_DIFFIO_RX_T11n_High/7
IOC50 D19 IO_DIFFIO_RX_T12p_High/7
IOC51 C19 IO_DIFFIO_RX_T12n_High/7
IOC37 C18 IO_DIFFIO_RX_T13p_High/7
IOC36 C17 IO_DIFFIO_RX_T13n_High/7
IOC1 A20 IO_DIFFIO_RX_T14p_High/7
IOC0 A19 IO_DIFFIO_RX_T14n_High/7
G15 IO_DIFFIO_RX_T15p_High/7
F16 IO_DIFFIO_RX_T15n_High/7
IOC39 B19 IO_DIFFIO_RX_T16p_High/7
IOC38 B18 IO_DIFFIO_RX_T16n_High/7
K15 IO_DIFFIO_RX_T17p_High/7
L15 IO_DIFFIO_RX_T17n_High/7
F15 IO_DIFFIO_RX_T18p_High/7
E15 IO_DIFFIO_RX_T18n_High/7
C16 IO_DIFFIO_RX_T19p_High/7
D17 IO_DIFFIO_RX_T19n_High/7
G14 IO_DIFFIO_RX_T20p_High/7
F14 IO_DIFFIO_RX_T20n_High/7
IOC45 D15 IO_DIFFIO_RX_T21p_High/7
IOC44 D14 IO_DIFFIO_RX_T21n_High/7
L14 IO_DIFFIO_RX_T22p_High/7
K14 IO_DIFFIO_RX_T22n_High/7
IOC35 B16 IO_DIFFIO_RX_T23p_High/7
IOC34 B15 IO_DIFFIO_RX_T23n_High/7
IOC42 E14 IO_DIFFIO_RX_T24p_High/7
IOC43 D13 IO_DIFFIO_RX_T24n_High/7
IOC2 A16 IO_DIFFIO_RX_T25p_High/7
IOC3 A15 IO_DIFFIO_RX_T25n_High/7
G13 IO_DIFFIO_RX_T26p_High/7
F13 IO_DIFFIO_RX_T26n_High/7
IOC33 C15 IO_DIFFIO_RX_T27p_High/7
IOC32 C14 IO_DIFFIO_RX_T27n_High/7
L13 IO_DIFFIO_RX_T28p_High/7
K13 IO_DIFFIO_RX_T28n_High/7
IOC4 A14 IO_DIFFIO_RX_T29p_High/7
IOC5 A13 IO_DIFFIO_RX_T29n_High/7
IOC30 C13 IO_DIFFIO_RX_T30p_High/7
IOC31 B13 IO_DIFFIO_RX_T30n_High/7
IOC6 B12 IO_DIFFIO_RX_T31p_High/7
IOC7 A12 IO_DIFFIO_RX_T31n_High/7
A18 IO_High/7
VREFC A17 VREFB7N0_IO_High/7
VCCIO7 J16
VCCIO7 J14
VCCIO7 J13
VCCIO7 H17
VCCIO7 H16
VCCIO7 H15
VCCIO7 H14
VIO(C)
10M40/50DCF672
FPGAF
IOC29 N26 IO_DIFFIO_RX_R36p_High/6
IOC28 M26 IO_DIFFIO_RX_R36n_High/6
IOC25 K26 IO_DIFFIO_RX_R37p_High/6
IOC24 J26 IO_DIFFIO_RX_R37n_High/6
EXCLK_C1P N24 CLK2p_IO_DIFFIO_RX_R38p_High/6
EXCLK_C1N N25 CLK2n_IO_DIFFIO_RX_R38n_High/6
IOC23 H26 IO_DIFFIO_RX_R39p_High/6
IOC22 G26 IO_DIFFIO_RX_R39n_High/6
EXCLK_C2P M25 CLK3p_IO_DIFFIO_RX_R40p_High/6
EXCLK_C2N M24 CLK3n_IO_DIFFIO_RX_R40n_High/6
IOC26 L25 IO_DIFFIO_RX_R41p_High/6
IOC27 L26 IO_DIFFIO_RX_R41n_High/6
IOC67 K25 IO_DIFFIO_RX_R42p_High/6
IOC66 J25 IO_DIFFIO_RX_R42n_High/6
IOC21 F26 IO_DIFFIO_RX_R43p_High/6
IOC20 E26 IO_DIFFIO_RX_R43n_High/6
N17 IO_DIFFIO_RX_R44p_High/6
N16 IO_DIFFIO_RX_R44n_High/6
IOC64 H25 IO_DIFFIO_RX_R45p_High/6
IOC65 J24 IO_DIFFIO_RX_R45n_High/6
IOC73 N21 IO_DIFFIO_RX_R46p_High/6
IOC72 N22 IO_DIFFIO_RX_R46n_High/6
IOC71 N23 IO_DIFFIO_RX_R47p_High/6
IOC70 M23 IO_DIFFIO_RX_R47n_High/6
K24 IO_DIFFIO_RX_R48p_High/6
K23 IO_DIFFIO_RX_R48n_High/6
IOC19 D26 IO_DIFFIO_RX_R49p_High/6
IOC18 C26 IO_DIFFIO_RX_R49n_High/6
IOC82 M17 DPCLK3_IO_DIFFIO_RX_R50p_High/6
IOC83 M16 DPCLK2_IO_DIFFIO_RX_R50n_High/6
M22 IO_DIFFIO_RX_R51p_High/6
M21 IO_DIFFIO_RX_R51n_High/6
IOC68 L22 IO_DIFFIO_RX_R52p_High/6
IOC69 L23 IO_DIFFIO_RX_R52n_High/6
J23 IO_DIFFIO_RX_R53p_High/6
H23 IO_DIFFIO_RX_R53n_High/6
IOC61 D25 IO_DIFFIO_RX_R54p_High/6
IOC60 C25 IO_DIFFIO_RX_R54n_High/6
L16 IO_DIFFIO_RX_R55p_High/6
L17 IO_DIFFIO_RX_R55n_High/6
IOC63 G24 IO_DIFFIO_RX_R56p_High/6
IOC62 F24 IO_DIFFIO_RX_R56n_High/6
L21 IO_DIFFIO_RX_R57p_High/6
K21 IO_DIFFIO_RX_R57n_High/6
K22 IO_DIFFIO_RX_R58p_High/6
J22 IO_DIFFIO_RX_R58n_High/6
IOC77 G23 IO_DIFFIO_RX_R59p_High/6
IOC76 F23 IO_DIFFIO_RX_R59n_High/6
IOC59 D24 IO_DIFFIO_RX_R60p_High/6
IOC58 E24 IO_DIFFIO_RX_R60n_High/6
K16 IO_DIFFIO_RX_R61p_High/6
K17 IO_DIFFIO_RX_R61n_High/6
IOC16 C24 IO_DIFFIO_RX_R62p_High/6
IOC17 B25 IO_DIFFIO_RX_R62n_High/6
J20 IO_DIFFIO_RX_R63p_High/6
H20 IO_DIFFIO_RX_R63n_High/6
IOC80 H21 IO_DIFFIO_RX_R64p_High/6
IOC81 H22 IO_DIFFIO_RX_R64n_High/6
IOC79 G21 IO_DIFFIO_RX_R65p_High/6
IOC78 G22 IO_DIFFIO_RX_R65n_High/6
IOC15 B24 IO_DIFFIO_RX_R66p_High/6
IOC14 A24 IO_DIFFIO_RX_R66n_High/6
G20 IO_DIFFIO_RX_R67p_High/6
F21 IO_DIFFIO_RX_R67n_High/6
IOC13 B23 IO_DIFFIO_RX_R68p_High/6
IOC12 A23 IO_DIFFIO_RX_R68n_High/6
IOC75 E22 PLL_R_CLKOUTp_IO_DIFFIO_RX_R69p_High/6
IOC74 E21 PLL_R_CLKOUTn_IO_DIFFIO_RX_R69n_High/6
IOC57 D23 IO_DIFFIO_RX_R70p_High/6
IOC56 E23 IO_DIFFIO_RX_R70n_High/6
G25 VREFB6N0_IO_High/6
VREFC F25 IO_High/6
VCCIO6 N20
VCCIO6 N18
VCCIO6 M19
VCCIO6 M18
VCCIO6 L20
VCCIO6 L19
VCCIO6 K20
VCCIO6 K18
VCCIO6 J19
VIO(C)
10M40/50DCF672
VREFC VIO(C) V33A
R28 ---
R29 ---
Unmount
R30 000
C19 104
C17 104
TP2
GND
Bank Group C
VIO(C)
C16 476
GND
VIO(C)
FC5 104
FC6 104
FC7 104
FC8 104
GND
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DATE: 2023/09/06 10:30:25
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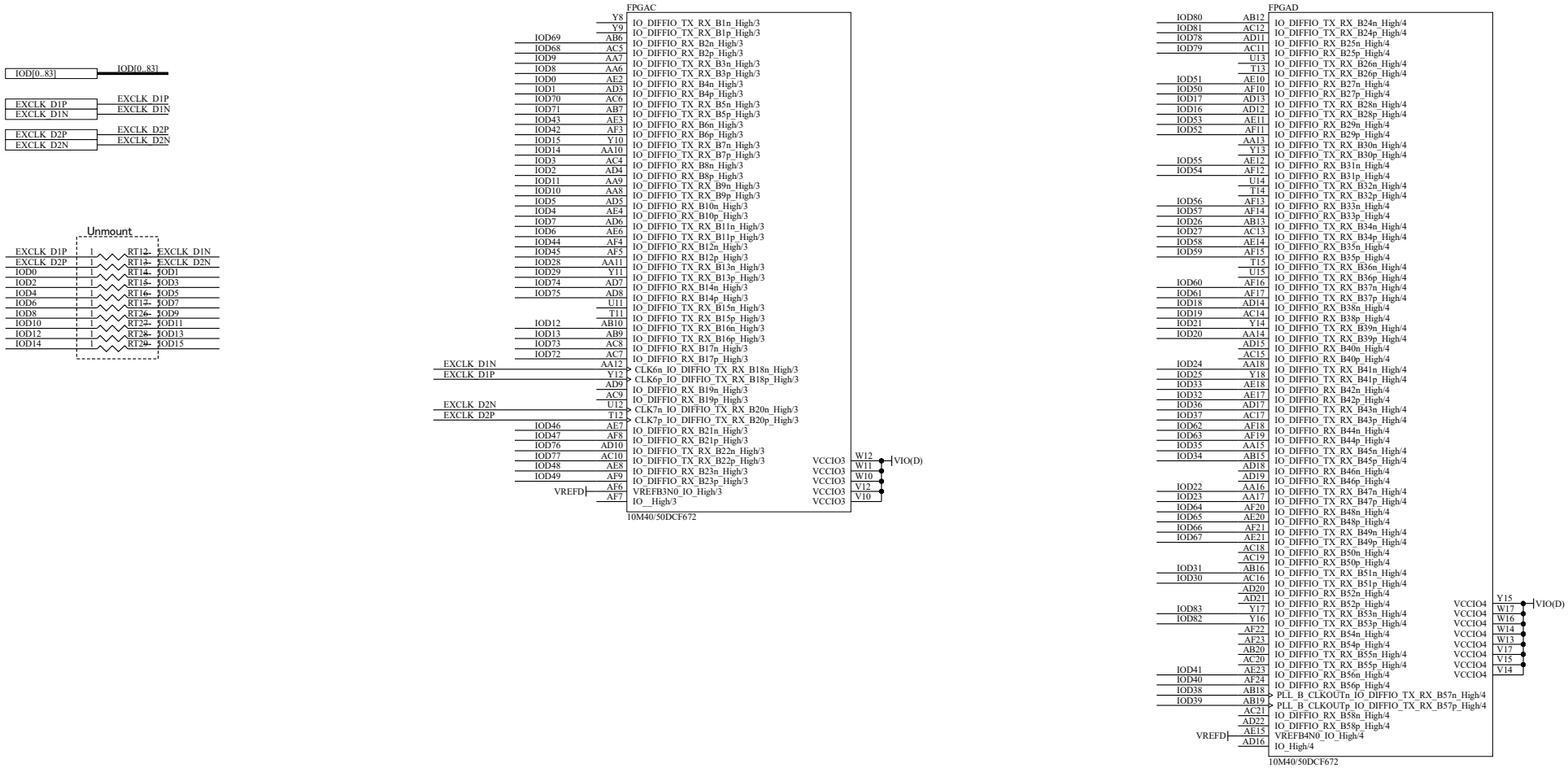

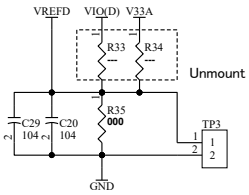

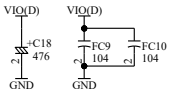

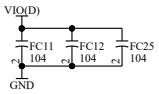

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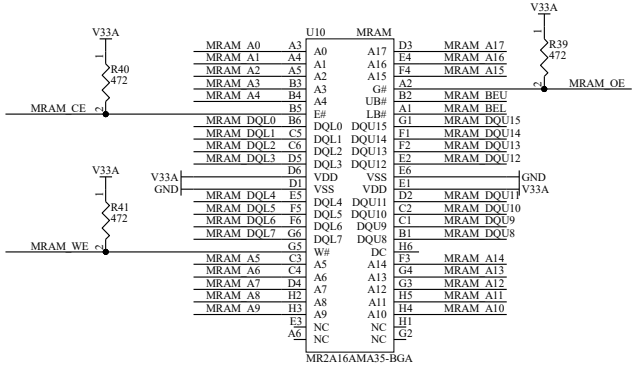

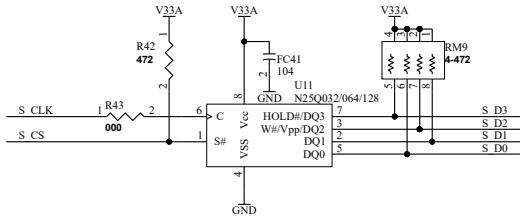

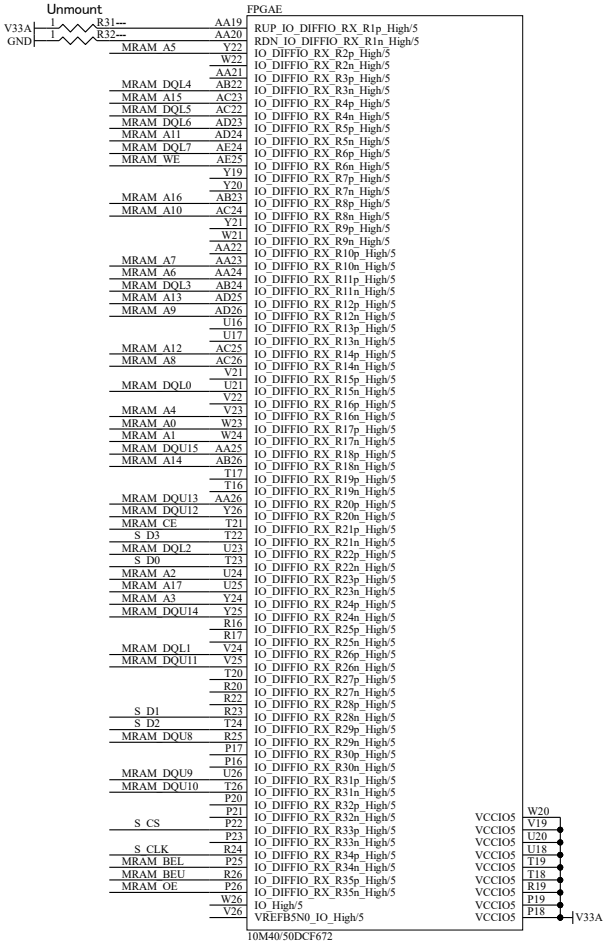

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	FILE: MEMORY.SchDoc DATE: 2023/09/06 10:30:26	Sheet: 6 / 7

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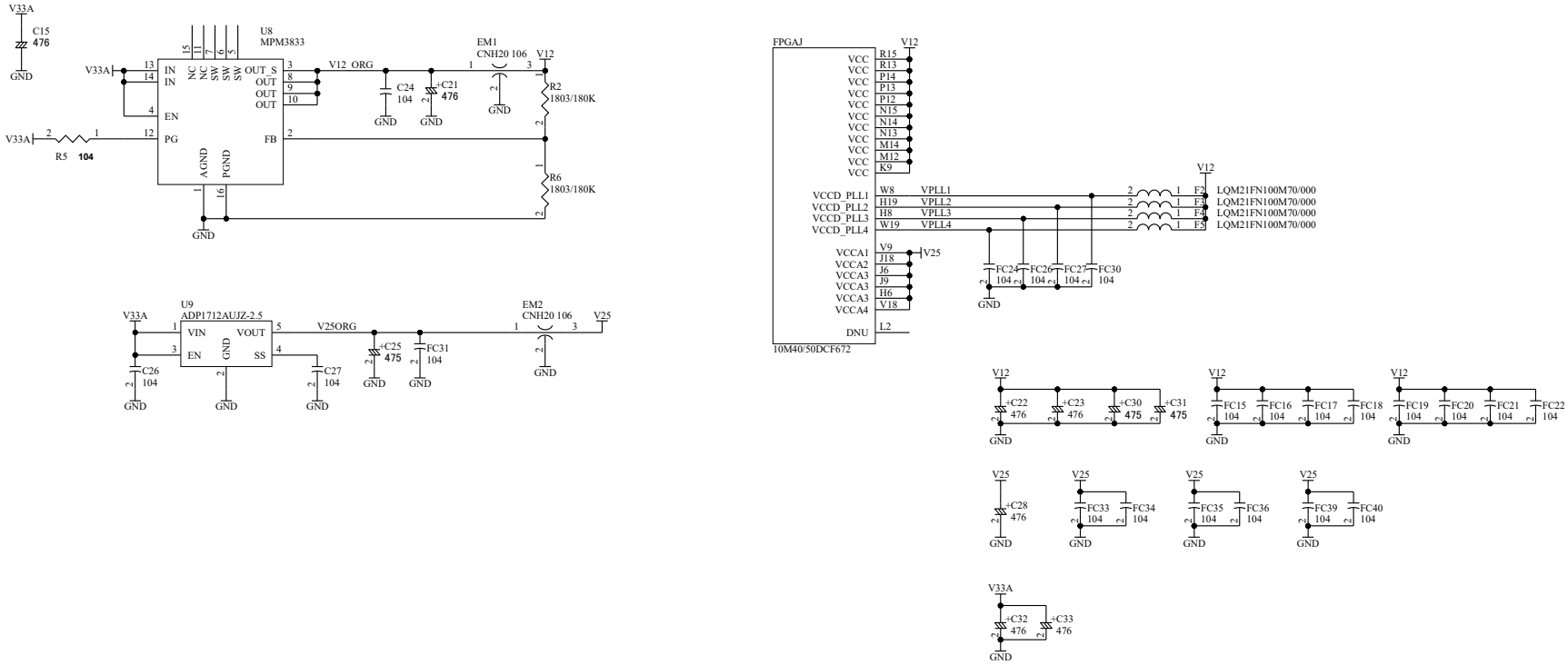

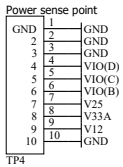

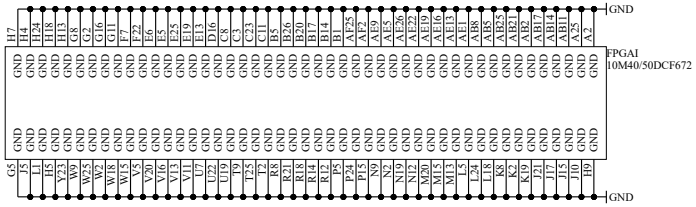

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