



The diagram shows a PCB layout for a 'TARGET INTERFACE'. It features five 74LVC2T45DC buffers (U7, U8, U9, U10, U11) connected to various signals. The layout includes status LEDs (D1, D2), connectors (J3, J4, J5), and various passive components like capacitors (C24-C37) and resistors (R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42, R43, R44, R45, R46, R47, R48, R49, R50, R51, R52, R53, R54, R55, R56, R57, R58, R59, R60, R61, R62, R63, R64, R65, R66, R67, R68, R69, R70, R71, R72, R73, R74, R75, R76, R77, R78, R79, R80, R81, R82, R83, R84, R85, R86, R87, R88, R89, R90, R91, R92, R93, R94, R95, R96, R97, R98, R99, R100). The layout is organized into sections for power, status, and data signals.

Legend:

- U7, U8, U9, U10, U11: 74LVC2T45DC
- D1, D2: LEDs
- J3, J4, J5: Connectors
- C24-C37: Capacitors
- R9-R100: Resistors

Netlist:

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net +3V3_VEE
+3V3_VEE <C24 100n> U7 VCCA
+3V3_VEE <C25 100n> U8 VCCA
+3V3_VEE <C26 100n> U9 VCCA
+3V3_VEE <C27 100n> U10 VCCA
+3V3_VEE <C28 100n> U11 VCCA
+3V3_VEE <C29 100n> U12A VCCA
+3V3_VEE <C30 100n> U12B VCCA
+3V3_VEE <C31 100n> U12C VCCA
+3V3_VEE <C32 100n> U12D VCCA
+3V3_VEE <C33 100n> U12E VCCA
+3V3_VEE <C34 100n> U12F VCCA
+3V3_VEE <C35 100n> U12G VCCA
+3V3_VEE <C36 100n> U12H VCCA
+3V3_VEE <C37 100n> U12I VCCA
+3V3_VEE <C38 100n> U12J VCCA
+3V3_VEE <C39 100n> U12K VCCA
+3V3_VEE <C40 100n> U12L VCCA
+3V3_VEE <C41 100n> U12M VCCA
+3V3_VEE <C42 100n> U12N VCCA
+3V3_VEE <C43 100n> U12O VCCA
+3V3_VEE <C44 100n> U12P VCCA
+3V3_VEE <C45 100n> U12Q VCCA
+3V3_VEE <C46 100n> U12R VCCA
+3V3_VEE <C47 100n> U12S VCCA
+3V3_VEE <C48 100n> U12T VCCA
+3V3_VEE <C49 100n> U12U VCCA
+3V3_VEE <C50 100n> U12V VCCA
+3V3_VEE <C51 100n> U12W VCCA
+3V3_VEE <C52 100n> U12X VCCA
+3V3_VEE <C53 100n> U12Y VCCA
+3V3_VEE <C54 100n> U12Z VCCA
+3V3_VEE <C55 100n> U12AA VCCA
+3V3_VEE <C56 100n> U12AB VCCA
+3V3_VEE <C57 100n> U12AC VCCA
+3V3_VEE <C58 100n> U12AD VCCA
+3V3_VEE <C59 100n> U12AE VCCA
+3V3_VEE <C60 100n> U12AF VCCA
+3V3_VEE <C61 100n> U12AG VCCA
+3V3_VEE <C62 100n> U12AH VCCA
+3V3_VEE <C63 100n> U12AI VCCA
+3V3_VEE <C64 100n> U12AJ VCCA
+3V3_VEE <C65 100n> U12AK VCCA
+3V3_VEE <C66 100n> U12AL VCCA
+3V3_VEE <C67 100n> U12AM VCCA
+3V3_VEE <C68 100n> U12AN VCCA
+3V3_VEE <C69 100n> U12AO VCCA
+3V3_VEE <C70 100n> U12AP VCCA
+3V3_VEE <C71 100n> U12AQ VCCA
+3V3_VEE <C72 100n> U12AR VCCA
+3V3_VEE <C73 100n> U12AS VCCA
+3V3_VEE <C74 100n> U12AT VCCA
+3V3_VEE <C75 100n> U12AU VCCA
+3V3_VEE <C76 100n> U12AV VCCA
+3V3_VEE <C77 100n> U12AW VCCA
+3V3_VEE <C78 100n> U12AX VCCA
+3V3_VEE <C79 100n> U12AY VCCA
+3V3_VEE <C80 100n> U12AZ VCCA
+3V3_VEE <C81 100n> U12BA VCCA
+3V3_VEE <C82 100n> U12BB VCCA
+3V3_VEE <C83 100n> U12BC VCCA
+3V3_VEE <C84 100n> U12BD VCCA
+3V3_VEE <C85 100n> U12BE VCCA
+3V3_VEE <C86 100n> U12BF VCCA
+3V3_VEE <C87 100n> U12BG VCCA
+3V3_VEE <C88 100n> U12BH VCCA
+3V3_VEE <C89 100n> U12BI VCCA
+3V3_VEE <C90 100n> U12BJ VCCA
+3V3_VEE <C91 100n> U12BK VCCA
+3V3_VEE <C92 100n> U12BL VCCA
+3V3_VEE <C93 100n> U12BM VCCA
+3V3_VEE <C94 100n> U12BN VCCA
+3V3_VEE <C95 100n> U12BO VCCA
+3V3_VEE <C96 100n> U12BP VCCA
+3V3_VEE <C97 100n> U12BQ VCCA
+3V3_VEE <C98 100n> U12BR VCCA
+3V3_VEE <C99 100n> U12BS VCCA
+3V3_VEE <C100 100n> U12BT VCCA
+3V3_VEE <C101 100n> U12BU VCCA
+3V3_VEE <C102 100n> U12BV VCCA
+3V3_VEE <C103 100n> U12BW VCCA
+3V3_VEE <C104 100n> U12BX VCCA
+3V3_VEE <C105 100n> U12BY VCCA
+3V3_VEE <C106 100n> U12BZ VCCA
+3V3_VEE <C107 100n> U12CA VCCA
+3V3_VEE <C108 100n> U12CB VCCA
+3V3_VEE <C109 100n> U12CC VCCA
+3V3_VEE <C110 100n> U12CD VCCA
+3V3_VEE <C111 100n> U12CE VCCA
+3V3_VEE <C112 100n> U12CF VCCA
+3V3_VEE <C113 100n> U12CG VCCA
+3V3_VEE <C114 100n> U12CH VCCA
+3V3_VEE <C115 100n> U12CI VCCA
+3V3_VEE <C116 100n> U12CJ VCCA
+3V3_VEE <C117 100n> U12CK VCCA
+3V3_VEE <C118 100n> U12CL VCCA
+3V3_VEE <C119 100n> U12CM VCCA
+3V3_VEE <C120 100n> U12CN VCCA
+3V3_VEE <C121 100n> U12CO VCCA
+3V3_VEE <C122 100n> U12CP VCCA
+3V3_VEE <C123 100n> U12CQ VCCA
+3V3_VEE <C124 100n> U12CR VCCA
+3V3_VEE <C125 100n> U12CS VCCA
+3V3_VEE <C126 100n> U12CT VCCA
+3V3_VEE <C127 100n> U12CU VCCA
+3V3_VEE <C128 100n> U12CV VCCA
+3V3_VEE <C129 100n> U12CW VCCA
+3V3_VEE <C130 100n> U12CX VCCA
+3V3_VEE <C131 100n> U12CY VCCA
+3V3_VEE <C132 100n> U12CZ VCCA
+3V3_VEE <C133 100n> U12DA VCCA
+3V3_VEE <C134 100n> U12DB VCCA
+3V3_VEE <C135 100n> U12DC VCCA
+3V3_VEE <C136 100n> U12DD VCCA
+3V3_VEE <C137 100n> U12DE VCCA
+3V3_VEE <C138 100n> U12DF VCCA
+3V3_VEE <C139 100n> U12DG VCCA
+3V3_VEE <C140 100n> U12DH VCCA
+3V3_VEE <C141 100n> U12DI VCCA
+3V3_VEE <C142 100n> U12DJ VCCA
+3V3_VEE <C143 100n> U12DK VCCA
+3V3_VEE <C144 100n> U12DL VCCA
+3V3_VEE <C145 100n> U12DM VCCA
+3V3_VEE <C146 100n> U12DN VCCA
+3V3_VEE <C147 100n> U12DO VCCA
+3V3_VEE <C148 100n> U12DP VCCA
+3V3_VEE <C149 100n> U12DQ VCCA
+3V3_VEE <C150 100n> U12DR VCCA
+3V3_VEE <C151 100n> U12DS VCCA
+3V3_VEE <C152 100n> U12DT VCCA
+3V3_VEE <C153 100n> U12DU VCCA
+3V3_VEE <C154 100n> U12
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