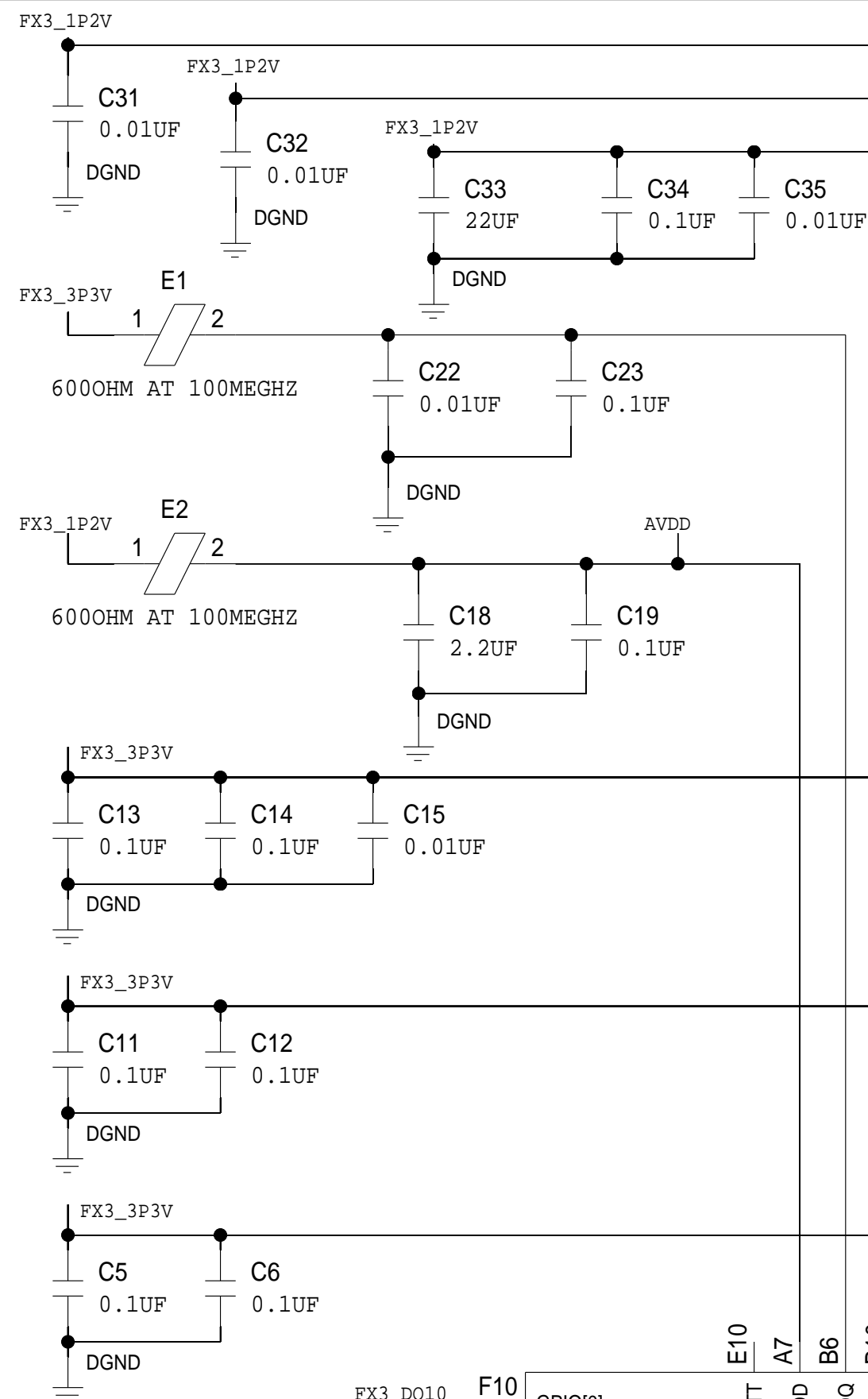
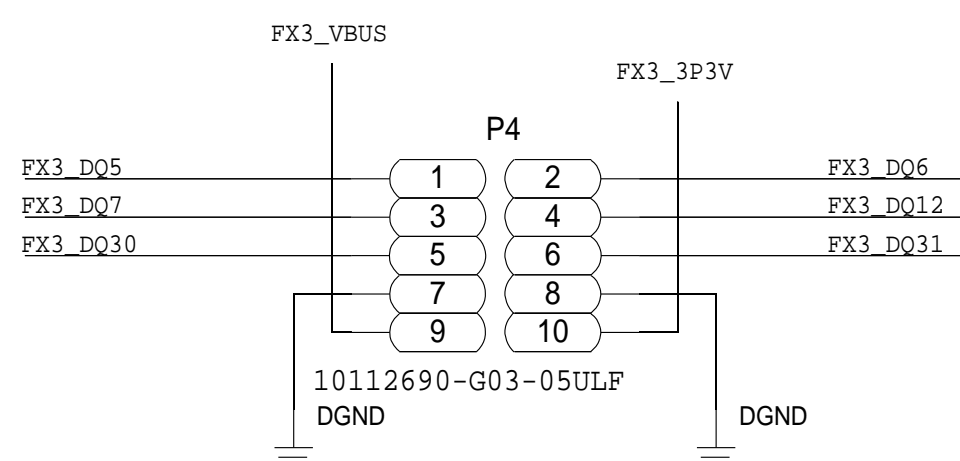
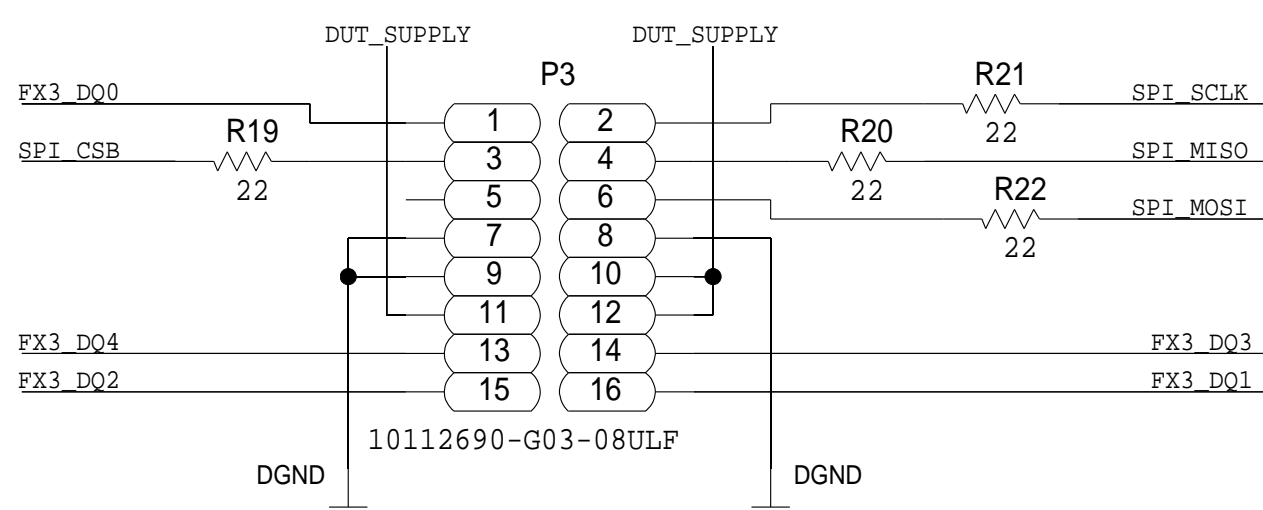
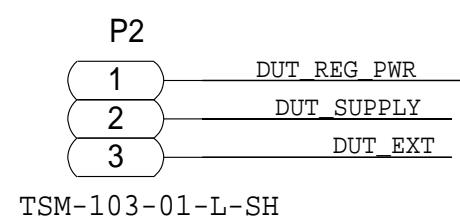
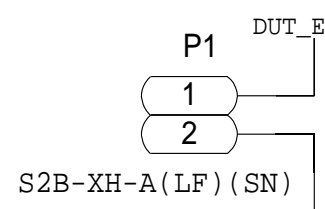
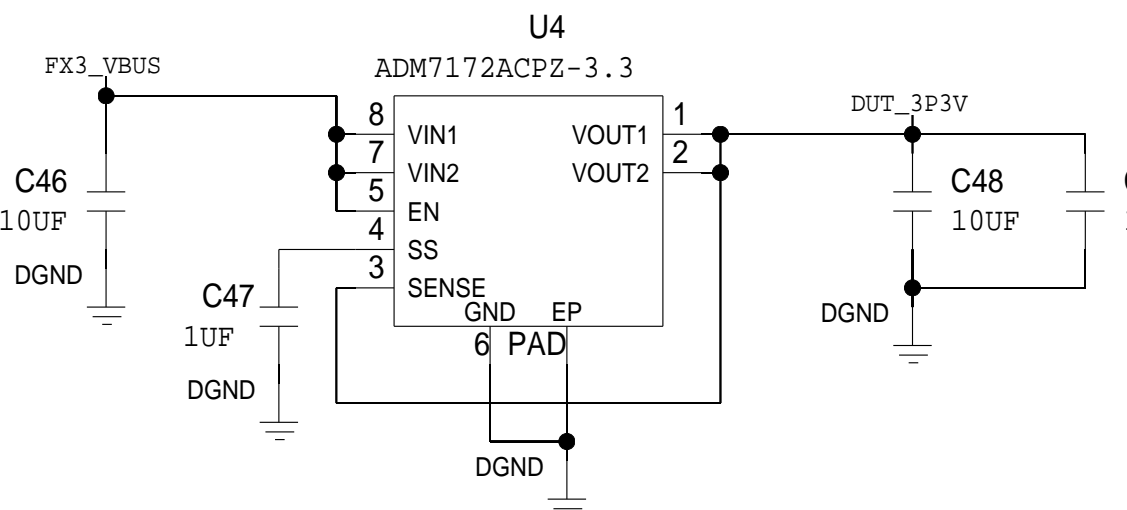
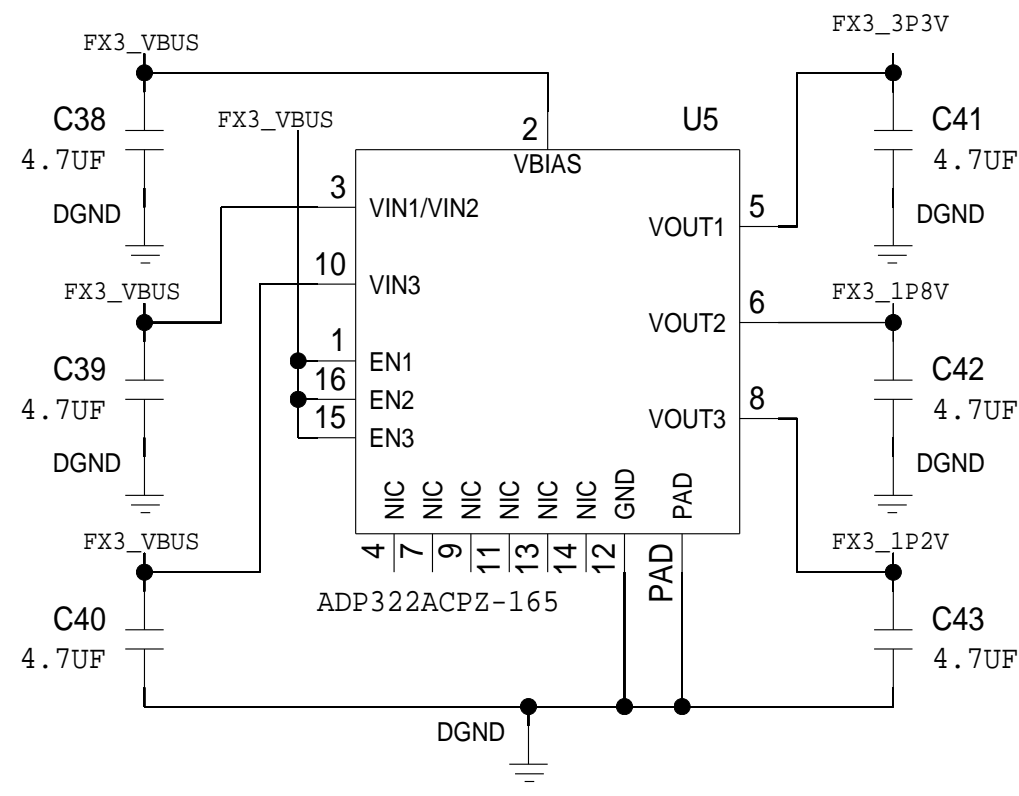
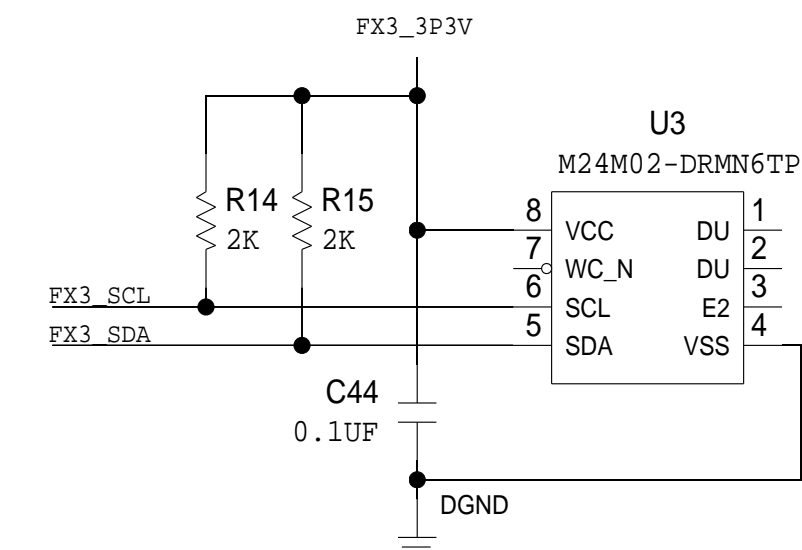
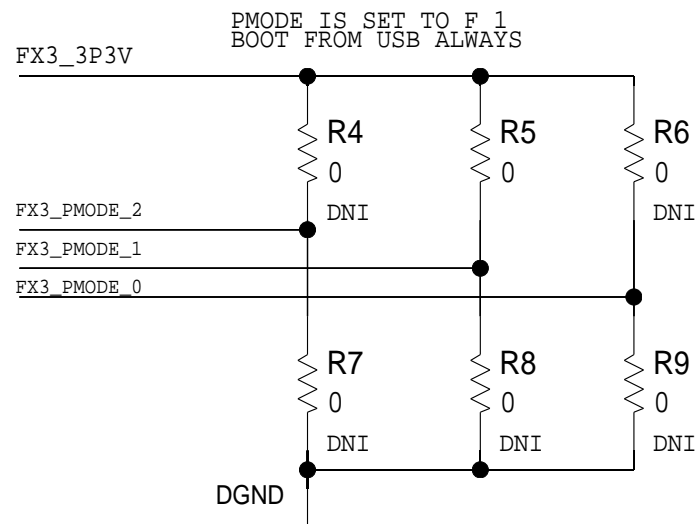
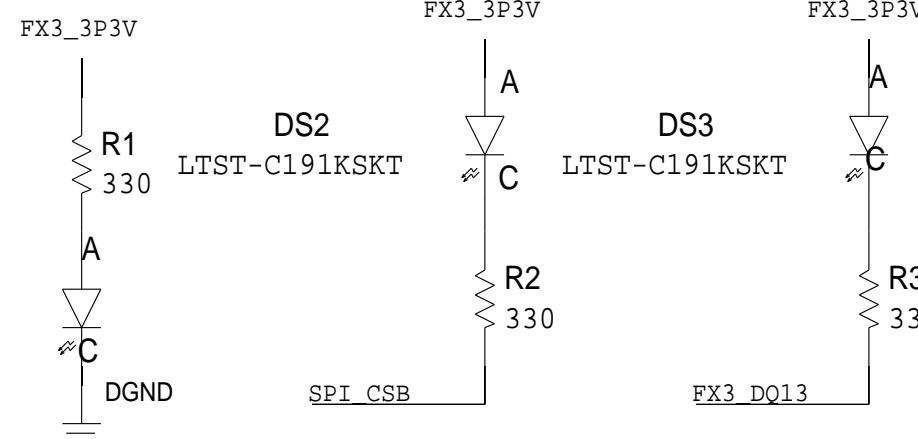
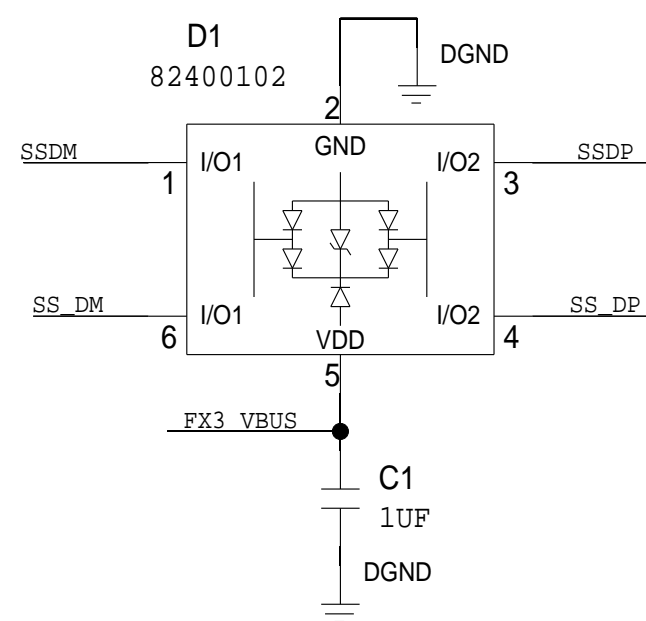
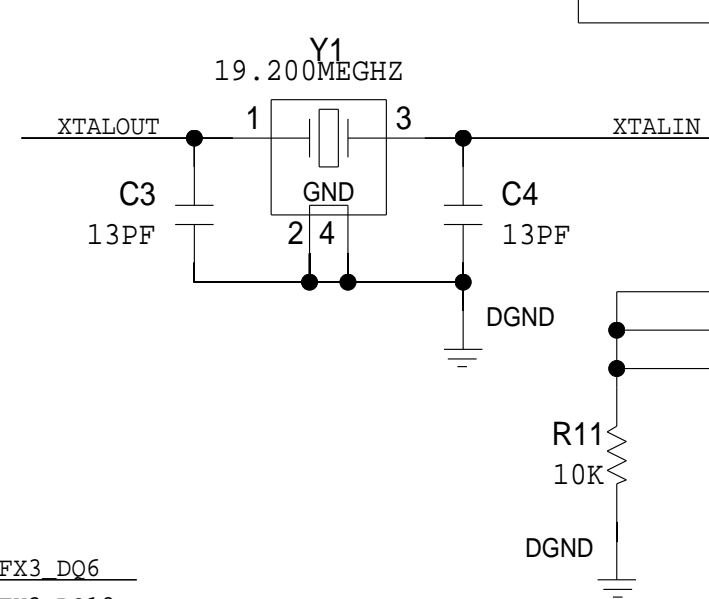
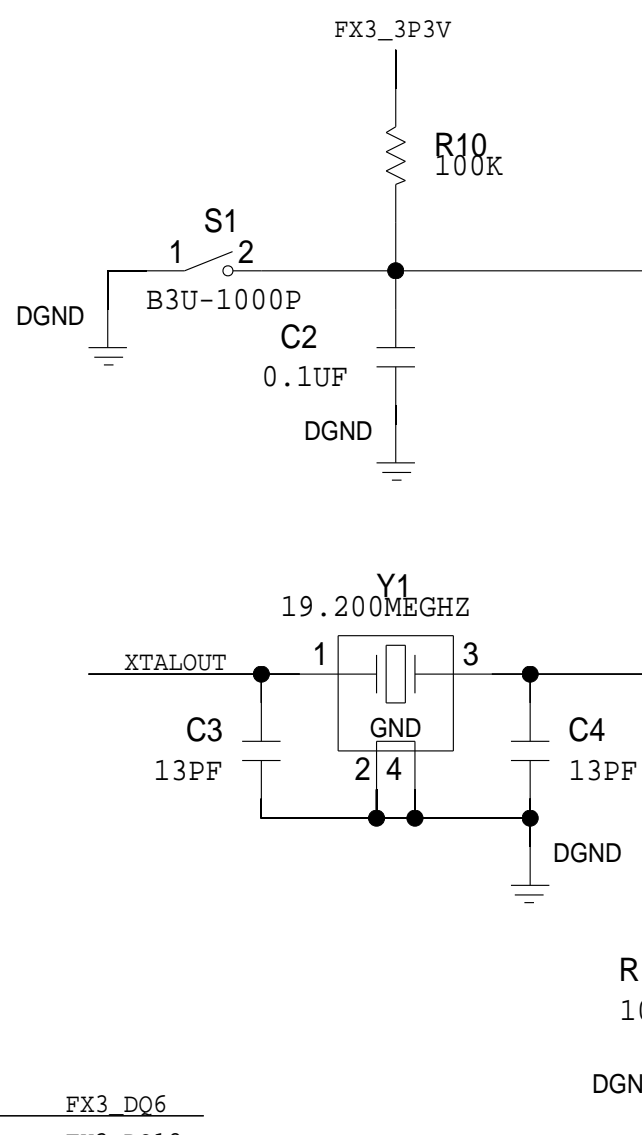


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|-----------|--|-------------|--------|------------|-----------|--------------|--|---------|-----------|--|--|--------------------------------|------|--------------------------|--|----------------|--|--|--|--|
| 8 | | 7 | | 6 | | 5 | | 4 | | 3 | | 2 | | 1 | | | | | | |
| D | THIS DRAWING IS THE PROPERTY OF ANALOG DEVICES INC. IT IS NOT TO BE REPRODUCED OR COPIED, IN WHOLE OR IN PART, OR USED IN FURNISHING INFORMATION TO OTHERS, OR FOR ANY OTHER PURPOSE DETRIMENTAL TO THE INTERESTS OF ANALOG DEVICES. THE EQUIPMENT SHOWN HEREON MAY BE PROTECTED BY PATENTS OWNED OR CONTROLLED BY ANALOG DEVICES. | | | | | JUMPER TABLE | | | REVISIONS | | | | | | | | | | | |
| | | | | | | | | | REV | DESCRIPTION | | | DATE | APPROVED | | | | | | |
| | A | NHR-059241 | | | 10/4/19 | J. CHONG | | | | | | | | | | | | | | |
| | RELAY CONTROL CHART | | | | | | | | | | | | | | | | | | | |
| | CONTROL | CODE | DEVICE | FUNCTION | CONNECTOR | | | | | | | | | | | | | | | |
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| 8 | | 7 | | 6 | | 5 | | 4 | | 3 | | 2 | | 1 | | | | | | |
| P.O SPEC. | | BK/BD SPEC. | | SOCKET OEM | | OEM PART# | | HANDLER | | SCHEMATIC | | | | | | ANALOG DEVICES | | | | |
| | | | | | | | | | | HW TYPE : Customer Evaluation Product(s): N/A : N/A PACKAGE : LeadCount-lead BodySize PackageType-family : Pitch-pitch StyleVendor Style FX3-ISENSOR-POD Customer Evaluation Board | | | | | | | | | | |
| | | | | | | | | | | MASTER PROJECT TEMPLATE TBD | | TESTER TEMPLATE no_template | | DRAWING NO. 02_059334 | | REV. A | | | | |
| | | | | | | | | | | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | | | | | | | | | | |
| | | | | | | | | | | TOLERANCES | | | | | | | | | | |
| | | | | | | | | | | DECIMALS X.XX +0.010 X.XXX +0.005 | | FRACTIONS +1/32 | | ANGLES +2 | | SIZE D | | | | |
| | | | | | | | | | | PTD ENGINEER <PTD_ENGINEER> | | | | | | | | | | |
| | | | | | | | | | | CHECKER - | | | | | | | | | | |

FX3 USB CONTROLLER



| | | |
|-----------|-----|----------|
| FX3_DQ10 | F10 | GPIO[0] |
| FX3_DQ0 | F9 | GPIO[1] |
| FX3_DQ1 | F7 | GPIO[2] |
| FX3_DQ2 | G10 | GPIO[3] |
| FX3_DQ3 | G9 | GPIO[4] |
| FX3_DQ4 | F8 | GPIO[5] |
| FX3_DQ5 | H10 | GPIO[6] |
| FX3_DQ6 | H9 | GPIO[7] |
| FX3_DQ7 | J10 | GPIO[8] |
| FX3_DQ8 | J9 | GPIO[9] |
| FX3_DQ9 | K11 | GPIO[10] |
| FX3_DQ11 | L10 | GPIO[11] |
| FX3_DQ12 | K10 | GPIO[12] |
| FX3_DQ13 | K9 | GPIO[13] |
| FX3_DQ14 | J8 | GPIO[14] |
| FX3_DQ15 | G8 | GPIO[15] |
| FX3_PCLK | J6 | GPIO[16] |
| FX3_CTL0 | K8 | GPIO[17] |
| FX3_CTL1 | K7 | GPIO[18] |
| FX3_CTL2 | J7 | GPIO[19] |
| FX3_CTL3 | H7 | GPIO[20] |
| FX3_CTL4 | G7 | GPIO[21] |
| FX3_CTL5 | G6 | GPIO[22] |
| FX3_CTL6 | K6 | GPIO[23] |
| FX3_CTL7 | H8 | GPIO[24] |
| FX3_CTL8 | G5 | GPIO[25] |
| FX3_CTL9 | H6 | GPIO[26] |
| FX3_CTL10 | K5 | GPIO[27] |
| FX3_CTL11 | J5 | GPIO[28] |



| | | | | |
|---------|----|----------|---------|-----|
| RESET# | C5 | D7 | SSRX | A4 |
| CLKIN | D6 | CLKIN_32 | SSRXM | A3 |
| XTALIN | C6 | XTALIN | FSLC[0] | B2 |
| SSRX | A4 | SSRX | FSLC[1] | B4 |
| SSRXM | A3 | SSRXM | FSLC[2] | E6 |
| FSLC[0] | B2 | FSLC[1] | OTG_ID | C9 |
| FSLC[1] | B4 | FSLC[2] | TDI | E7 |
| OTG_ID | C9 | TDI | TMS | E8 |
| TDI | E7 | TMS | TRST# | B11 |
| TMS | E8 | TRST# | TCK | F6 |

| | |
|-----|--------|
| A11 | NC |
| A8 | VSS |
| B8 | VSS |
| B9 | VSS |
| D8 | VSS |
| D9 | VSS |
| E2 | VSS |
| E3 | VSS |
| G1 | VSS |
| G2 | VSS |
| G3 | VSS |
| G4 | VSS |
| L1 | VSS |
| L2 | VSS |
| L3 | VSS |
| L4 | VSS |
| L5 | VSS |
| L6 | VSS |
| L7 | VSS |
| L8 | VSS |
| L9 | VSS |
| L10 | VSS |
| L11 | VSS |
| A1 | U3VDDQ |
| B7 | AVSS |


U1
CYUSB3014-BZX

FX3

VIO1,2 AND 3 ARE THE DQ[31:0]
AND CTL [12:0] SUPPLIES
VIO4 D4,C1,C2,D5 AND C4

| | | |
|--------------|-----|-------------|
| GPIO[29] | H5 | FX3_CTL12 |
| GPIO[30] | G4 | FX3_PMODE_0 |
| GPIO[31] | H4 | FX3_PMODE_1 |
| GPIO[32] | L4 | FX3_PMODE_2 |
| GPIO[33] | K2 | FX3_DQ16 |
| GPIO[34] | J4 | FX3_DQ17 |
| GPIO[35] | K1 | FX3_DQ18 |
| GPIO[36] | J2 | FX3_DQ19 |
| GPIO[37] | J3 | FX3_DQ20 |
| GPIO[38] | J1 | FX3_DQ21 |
| GPIO[39] | H2 | FX3_DQ22 |
| GPIO[40] | H3 | FX3_DQ23 |
| GPIO[41] | F4 | FX3_DQ24 |
| GPIO[42] | G2 | FX3_DQ25 |
| GPIO[43] | G3 | FX3_DQ26 |
| GPIO[44] | F3 | FX3_DQ27 |
| GPIO[45] | F2 | FX3_STATUS |
| GPIO[46] | F5 | FX3_DQ28 |
| GPIO[47] | E1 | FX3_DQ29 |
| GPIO[48] | E5 | FX3_DQ30 |
| GPIO[49] | E4 | FX3_DQ31 |
| GPIO[50] | D1 | SPI_CS2 |
| GPIO[51] | D2 | SPI_CS3 |
| GPIO[52] | D3 | FX3_GPIO_52 |
| GPIO[53] | D4 | SPI_SCLK |
| GPIO[54] | C1 | SPI_CS |
| GPIO[55] | C2 | SPI_MISO |
| GPIO[56] | D5 | SPI_MOSI |
| GPIO[57] | C4 | FX3_GPIO_57 |
| I2C_GPIO[58] | D9 | FX3_SCL |
| I2C_GPIO[59] | D10 | FX3_SDA |



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|---|--|--|--------------------------|--------------|--------------|
|  <div>ANALOG DEVICES</div> | SCHEMATIC | | | | |
| | HW TYPE : Customer Evaluation Product(s) : N/A : N/A | | | | |
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| | PTD ENGINEER <PTD_ENGINEER> | | SIZE D | SCALE 1:1 | SHEET 2 OF 2 |
| | | | | | |
| | | | | | |