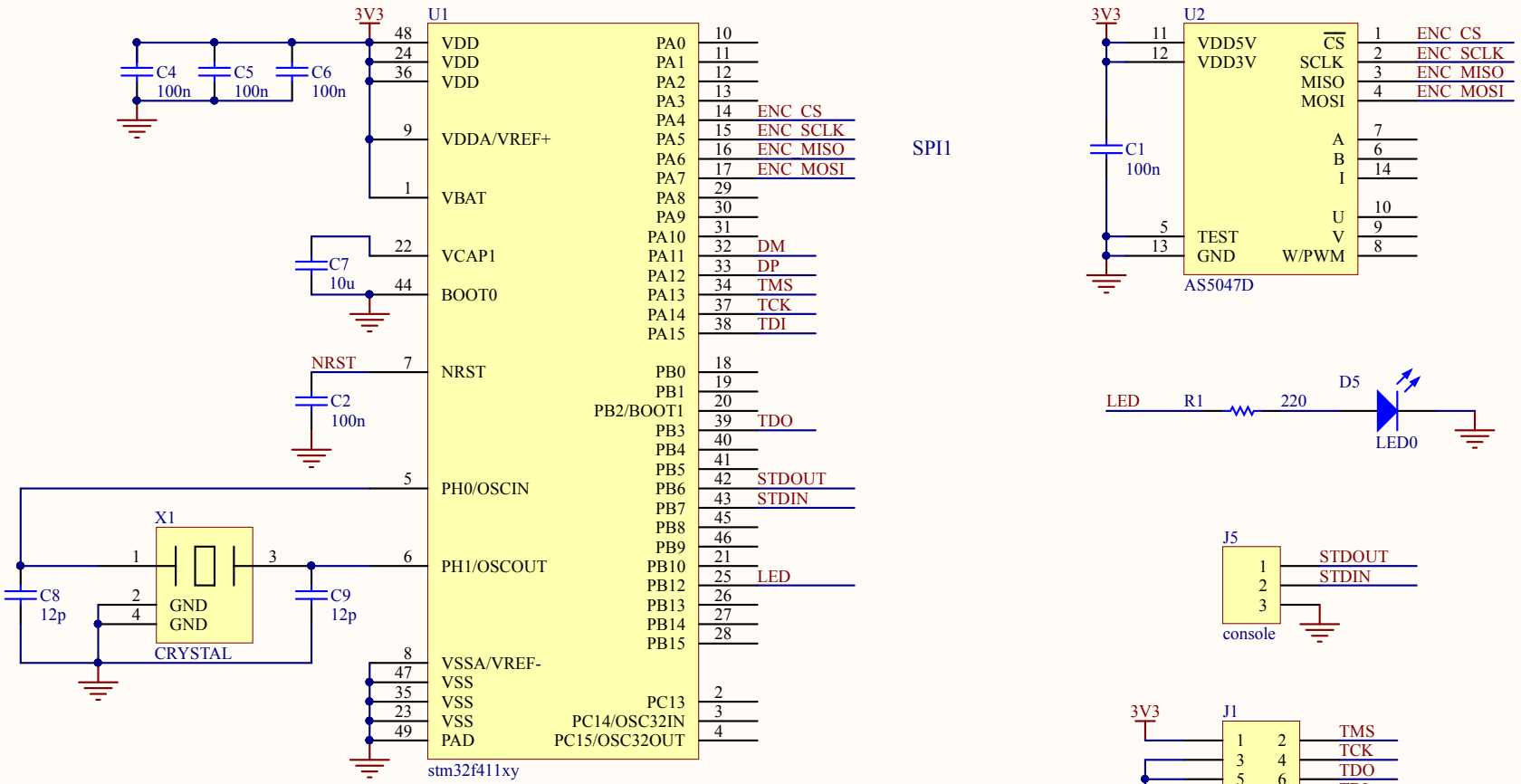


| | | |
|---|---|---|
| Title *JENC_USB* | | |
| Size: A | Number:* | Revision:A |
| Date: 4/6/2015 | Time: 10:19:36 AM | Sheet 1 of 1 |
| Designer: Morgan Quigley | | |


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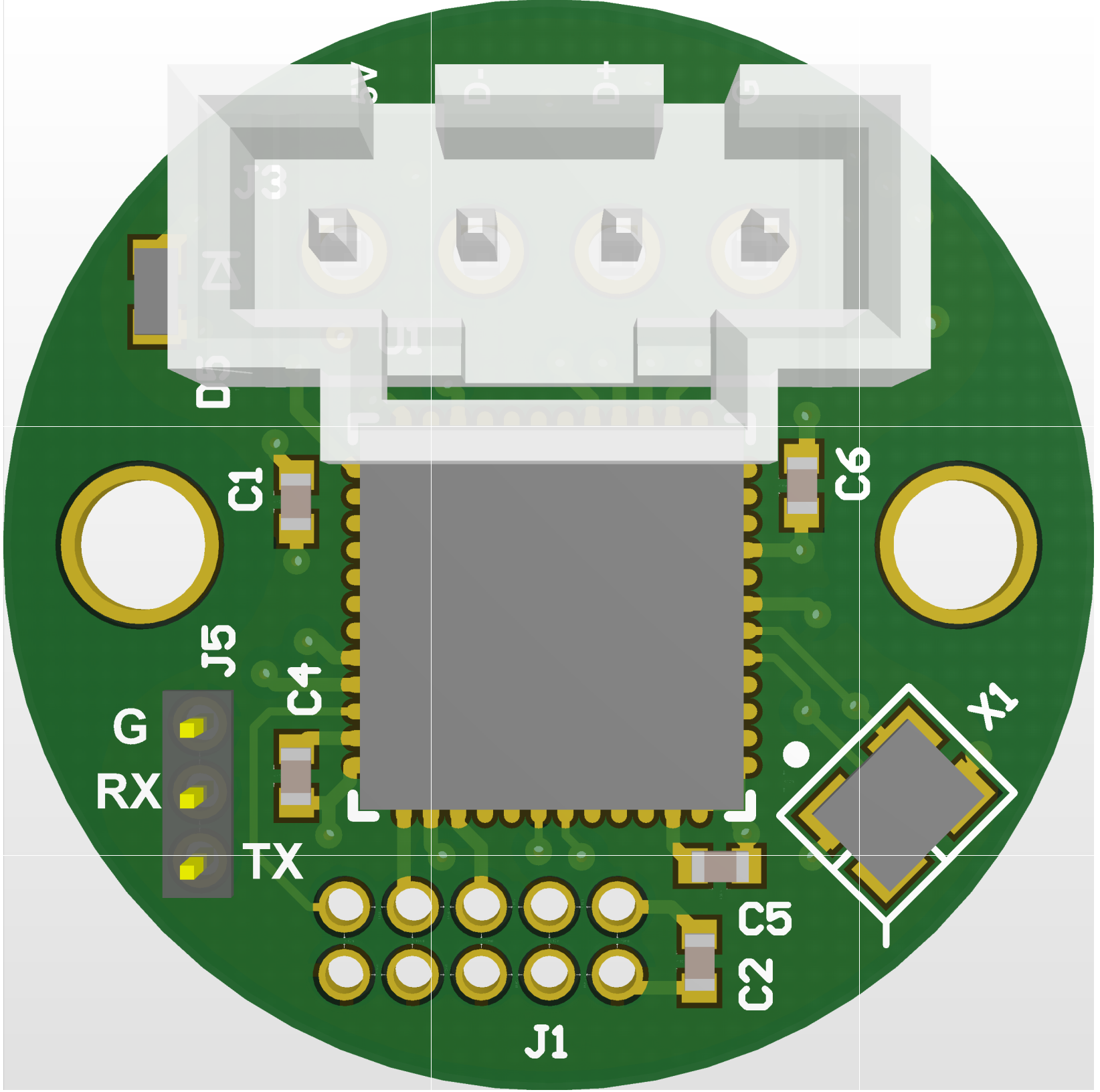
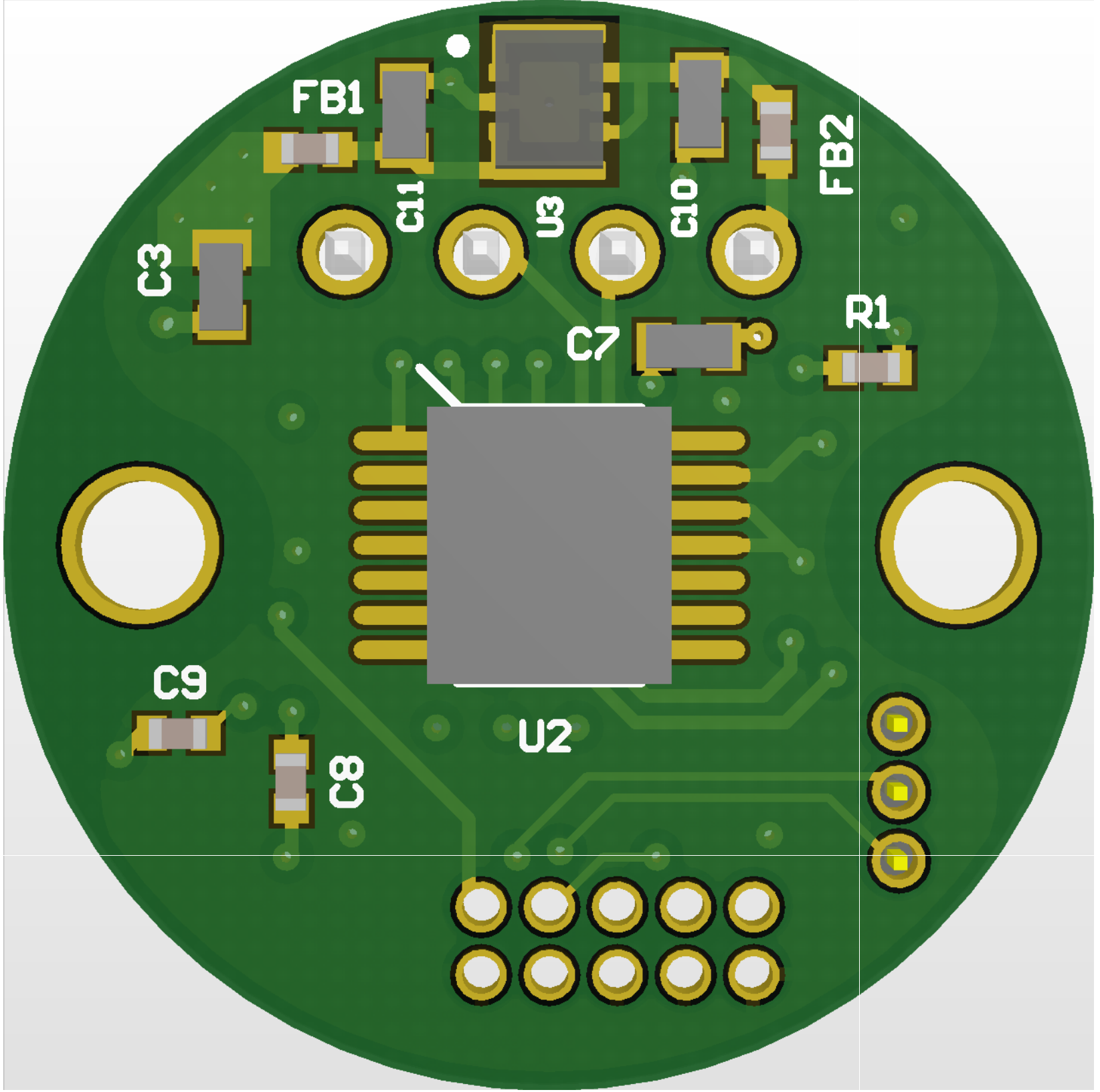
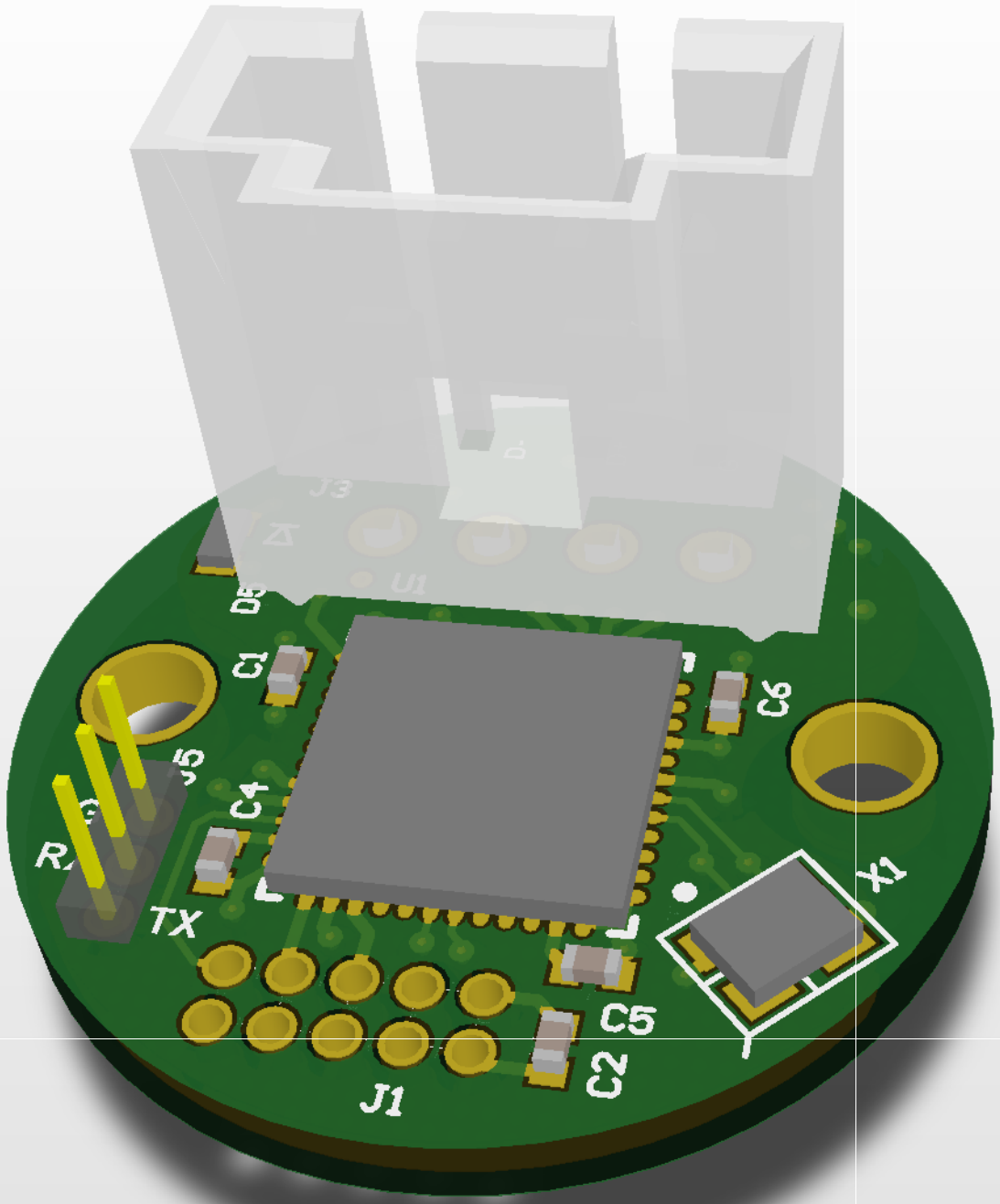
Open Source Robotics Foundation


J3
D-
D+
C1
C6
J5
C4
G
RX
TX
X1
C5
C2
J1


FB1
C11
U3
C10
FB2
C3
C7
R1
U2
C9
C8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U1
C1
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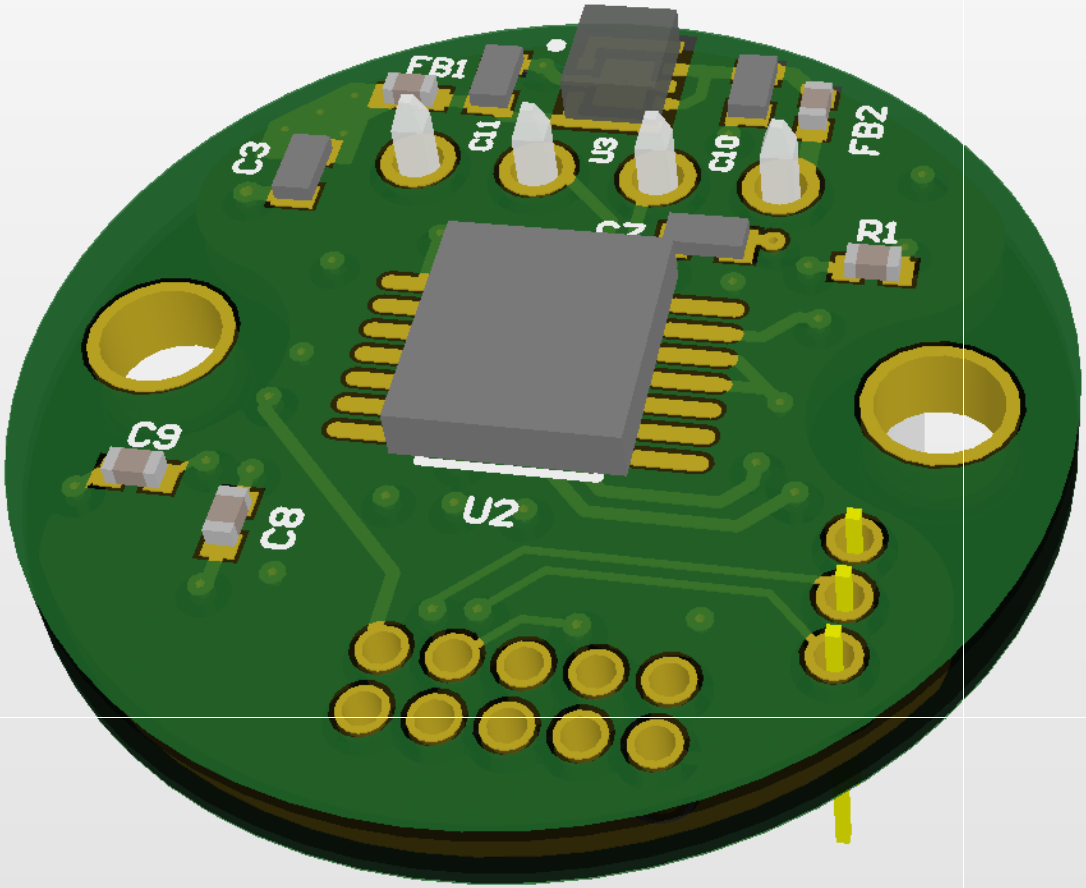
FB1
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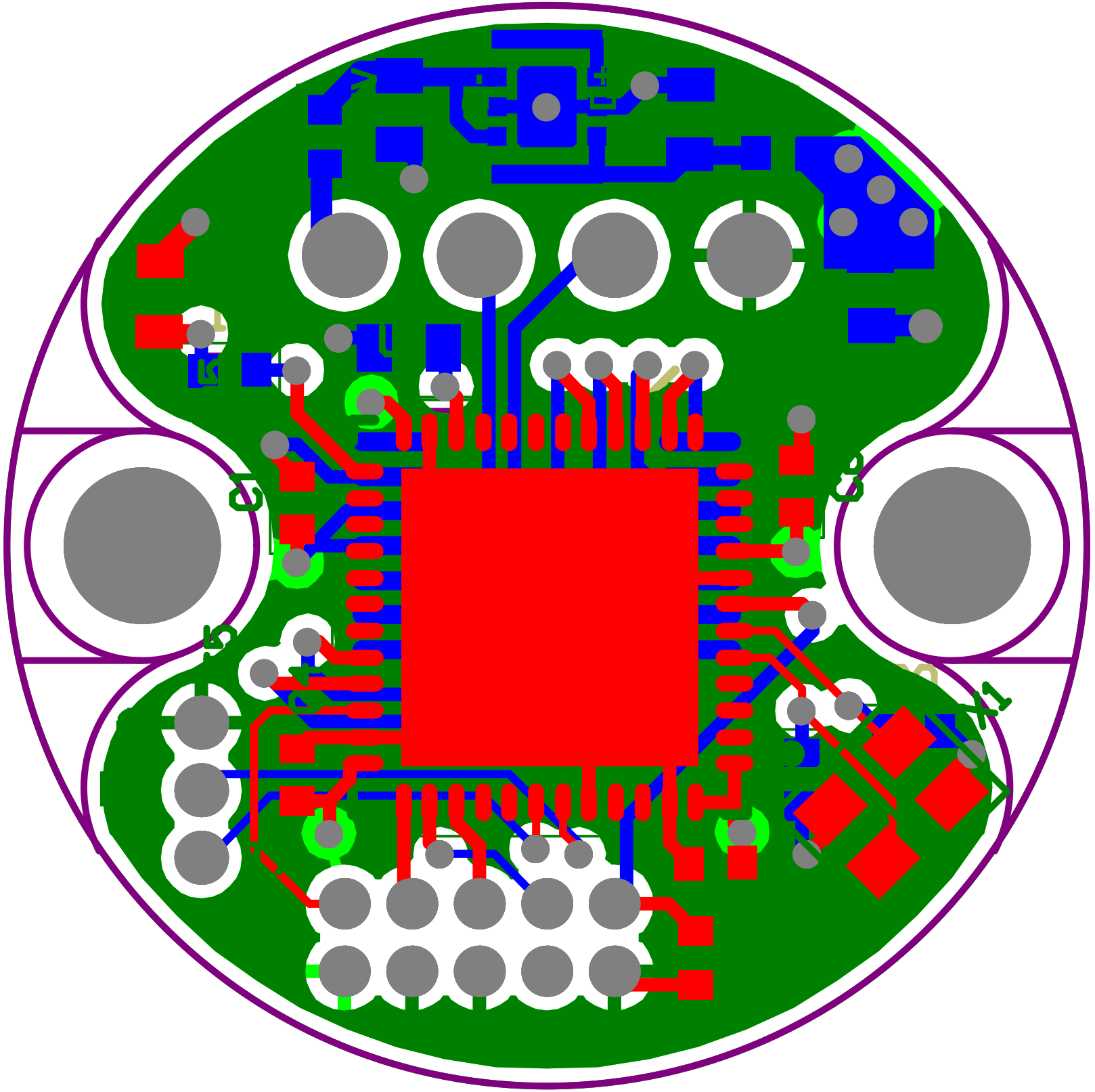
U2



# Bill of Materials

JENC_USB

# Board: JENC_USB, rev. A

A

Morgan Quigley, Open Source Robotics Foundation
morgan@osrfoundation.org
650-796-4881

| Designator | Quantity | Value | Footprint | digikey | Mouser | Manufacturer | Manufacturer Part Number |
|---|---|---|---|---|---|---|---|
| C1, C2, C4, C5, C6 | 5 | 100n | GENERIC_0402 | 445-7348 | | TDK | C1005X7R1E104K050BB |
| C3, C7, C10, C11 | 4 | 10u | GENERIC_0603 | 445-7486 | | TDK | C1608X5R1A106K080AC |
| C8, C9 | 2 | 12p | GENERIC_0402 | 445-1236 | | TDK | C1005C0G1H120J050BA |
| D5 | 1 | | GENERIC_0603 | 160-1183 | | Lite-On | LTST-C190GKT |
| FB1, FB2 | 2 | 1000 | GENERIC_0402 | 445-8672 | | TDK | MMZ1608B102CTA00 |
| J1 | 1 | | 50MIL_TH_VERT_5X2 | DNP | | DNP | DNP |
| J3 | 1 | | 100mil_th_vert_4x1_shrouded | DNP | | DNP | DNP |
| J5 | 1 | | 50MIL_TH_VERT_3POS | DNP | | DNP | DNP |
| R1 | 1 | 220 | GENERIC_0402 | 541-270L | | Vishay | CRCW0402270RFKED |
| U1 | 1 | | stm32f411xy | 497-14907 | 511-STM32F411CEU6 | ST Micro | STM32F411CEU6 |
| U2 | 1 | | AS5047D | AS5047D-ATSM | | AMS | AS5047D-ATSM |
| U3 | 1 | | XCL20x | 893-1173 | | Torex | XCL202B331BR-G |
| X1 | 1 | | CRYSTAL_2_2.5 | 535-10923 | | Abracon | ABM10-16.000MHZ-D30-T3 |