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RECH/SST

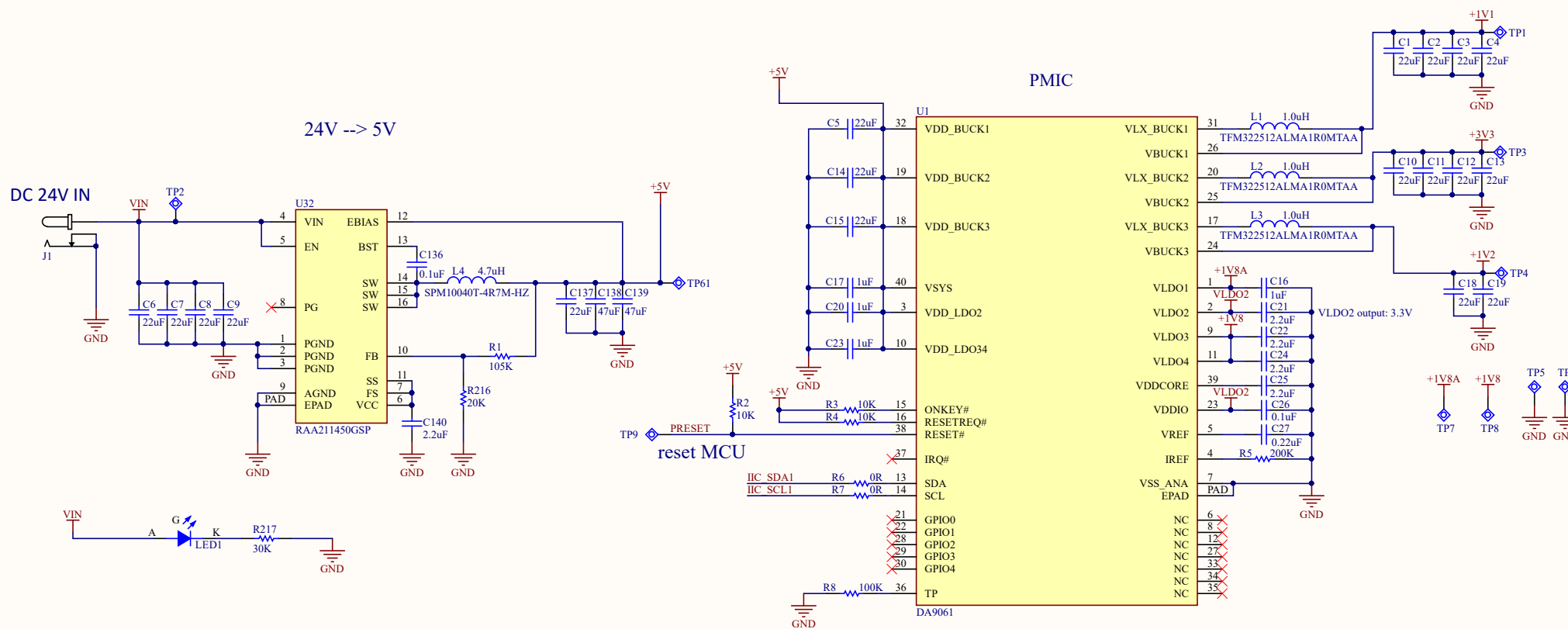
CN032-3 Industry EtherCAT Servo Controller

CN032-3 Industry EtherCAT Servo Controller
Index

Version: v2.0	Author: SST	Size
Release Date: 2023/8/3	Sheet 1 of 11	Legal



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CN032-3 Industry EtherCAT Servo Controller

Power Supply
Version: v2.0
Release Date: 2023/8/3

Author: SST
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A

B

C

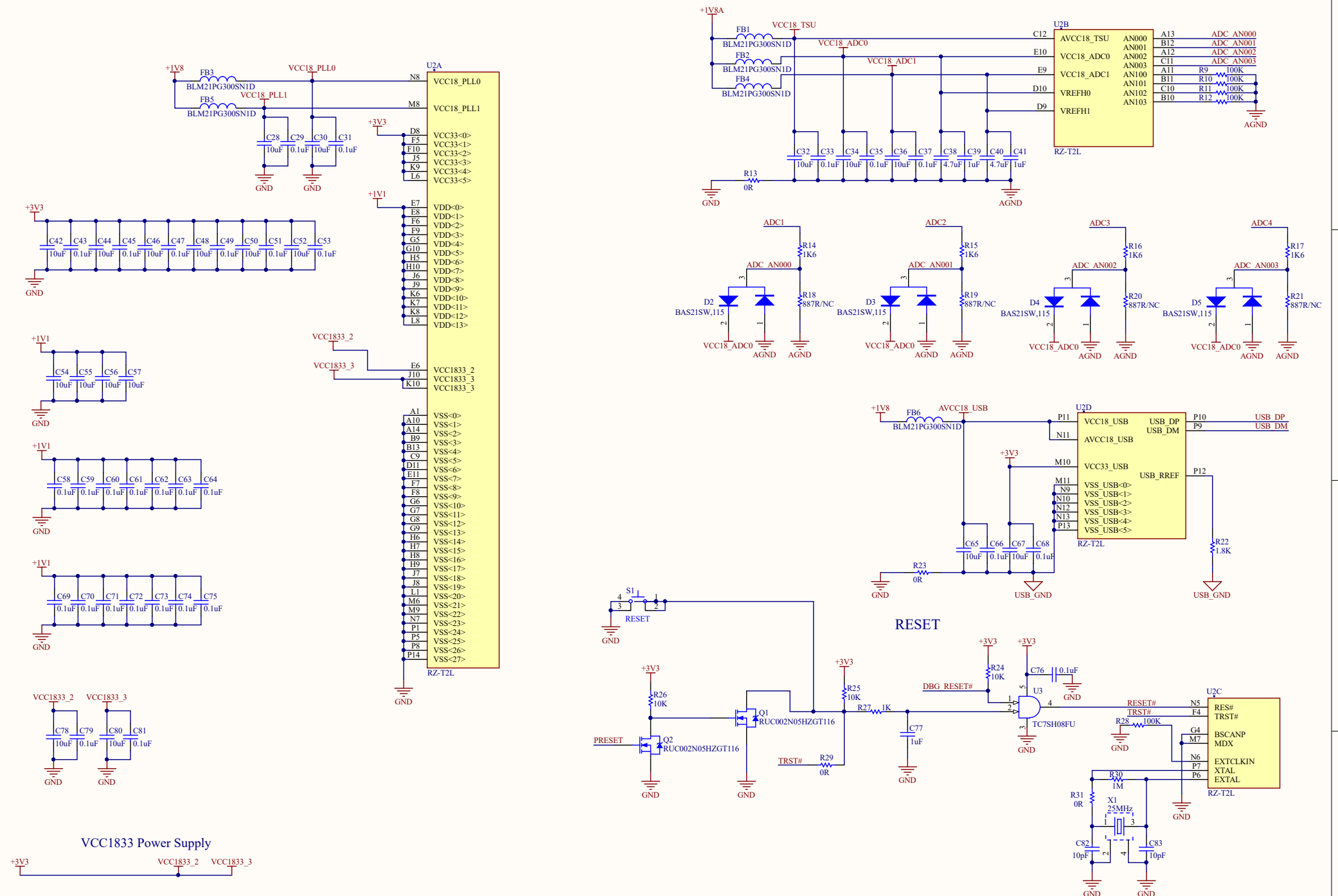
D

A

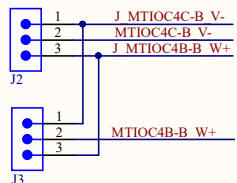
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C

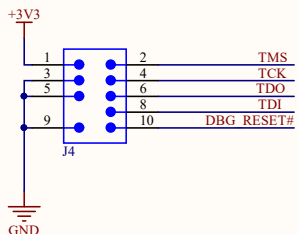
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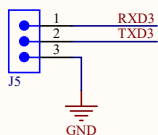
UVW Output Terminals (V-? W +) (Reserved)



JTAG



External UART Interface



RZ DO CTL8
F-LMT#
RZ DO CTL6
LED7

MTIOC3B-B U+

MTIOC4C-B V-
MTIOC3D-B U-
MTIOC4B-B W+
MTIOC4D-B W-
FO INT#
MTIOC4A-B V+
RS485/DR
EB1EN

CANTX1
MDW
F-PLS
CANRX1
TDO
TDI
TMS
TCK

TXD3

U2E

P00_0/ETH2_RXD3/D15...
P00_1/IRQ0/MTIC5U/RXD2...
P00_2/MTIC5V/TXD2/SDA2/RD#...
P00_3/MTIC5W/IRQ1/RD/WR#...

P00_6/MTIOC3A/MTIOC3B/CS#...

P01_0/MTIOC3C/MTIOC4C/IRQ13/CAS#...
P01_1/MTIOC3D/CKE...
P01_2/MTIOC4B/IRQ2/ETH2_TXD3...
P01_3/MTIOC4D/IRQ2/ETH2_TXD2...
P01_4/IRQ3/ETH2_TXD1...
P01_5/MTIOC4A/ETH2_TXD0...
P01_6/MTIOC1A/MTIOC3A...
P01_7/MTIOC1B/ENCIFOE0...

P02_0/MTIOC3C/RXD1/IRQ4...
P02_1/MDW...
P02_2/MTIOC2A/TXD1/IRQ14...
P02_3/MTIOC2B/IRQ15...
P02_4/TDO/WE0#_DQMLL...
P02_5/TDI/WE1#_DQMLU...
P02_6/TMS/RXD5_SCL5_MISO5...
P02_7/TCK/TXD5_SDA5_MOSI5...

P04_1/CKIO/TXD3_SDA3_MOSI3...

P05_5/ESC_PHYLINK1...
P05_6/IRQ12/ETH1_RXER...
P05_7/MD2/ETH1_TXD2...

P06_0/ETH1_TXD3...
P06_1/ETH1_REFCLK...
P06_2/MD1/ETH1_TXD1...
P06_3/MD0/ETH1_TXD0...
P06_4/ETH1_TXCLK...
P06_5/ETH1_TXEN...
P06_6/ETH1_RXD0...
P06_7/ETH1_RXD1...

P07_0/ETH1_RXD2...
P07_1/ETH1_RXD3...
P07_2/ETH1_RXDV...
P07_3/ETH1_RXCLK...
P07_4/IRQ1/AUSB_VBUSIN...

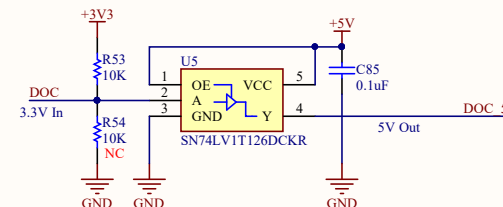
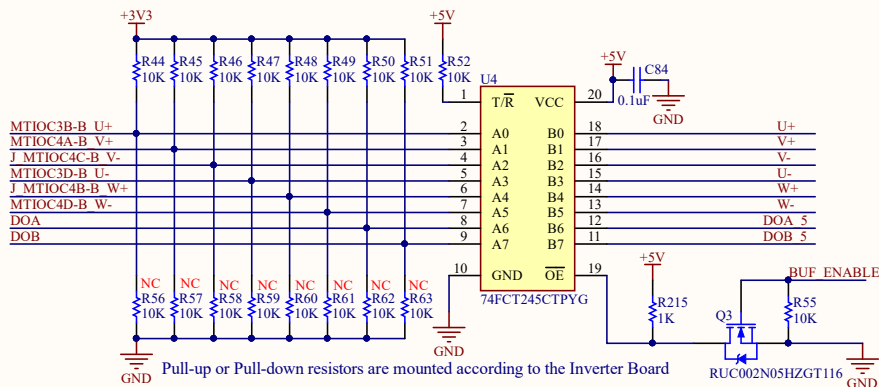
P08_4/ETH0_RXD3...
P08_5/ETH0_RXDV...
P08_6/ETH0_RXCLK...
P08_7/GMAC_MDC...

P09_0/GMAC_MDIO...
P09_1/ETH0_REFCLK...
P09_2/ETH0_RXER...
P09_3/ETH0_TXD3...
P09_4/ETH0_TXD2...
P09_5/ETH0_TXD1...
P09_6/ETH0_TXD0...
P09_7/ETH0_TXCLK...

P10_0/ETH0_TXEN...
P10_1/ETH0_RXD0...
P10_2/ETH0_RXD1...
P10_3/ETH0_RXD2...
P10_4/ESC_PHYLINK0/IRQ11...

RZ-T2L

Process for Converter Board (5V signal)



CN032-3 Industry EtherCAT Servo Controller
MCU, JTAG

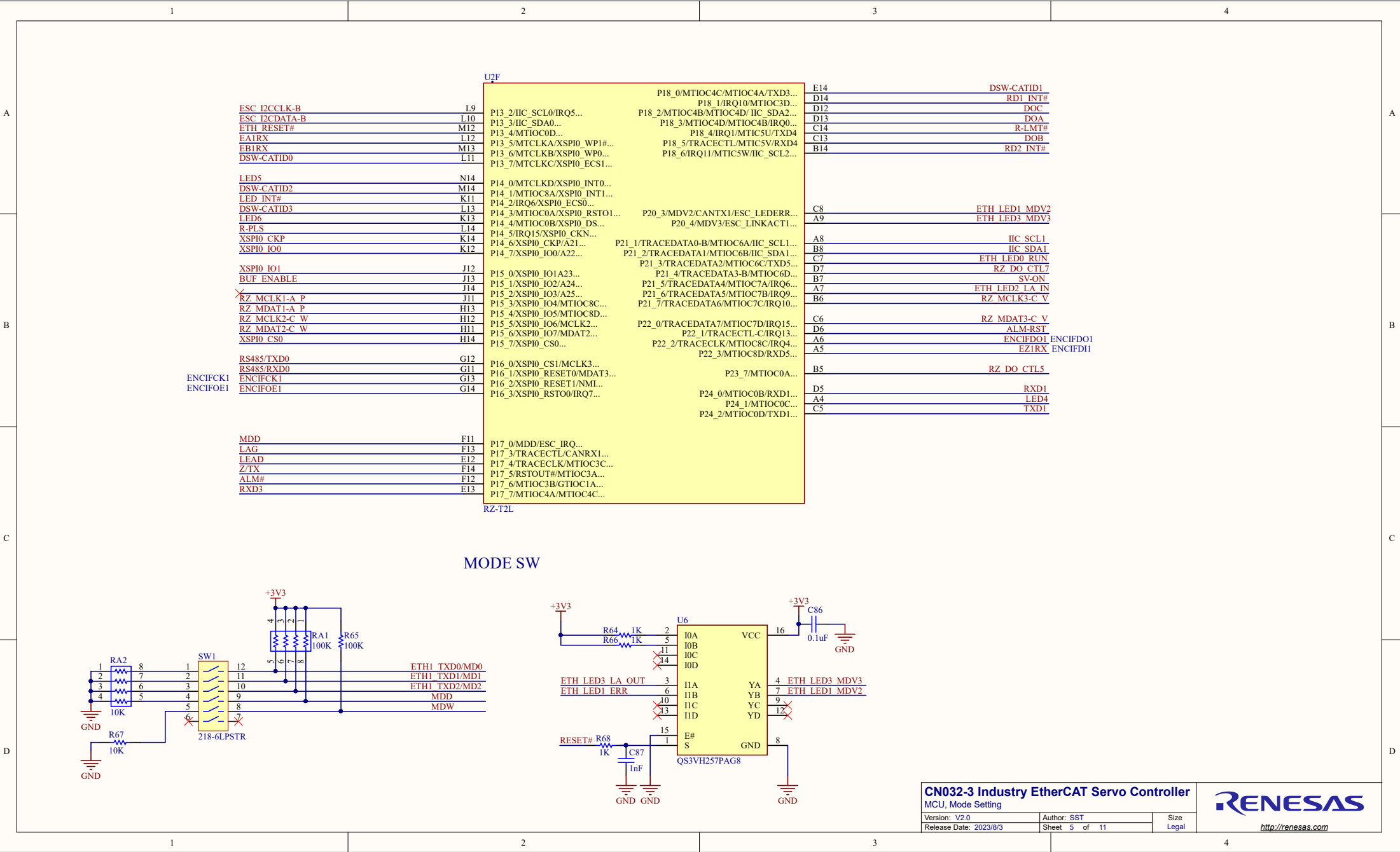
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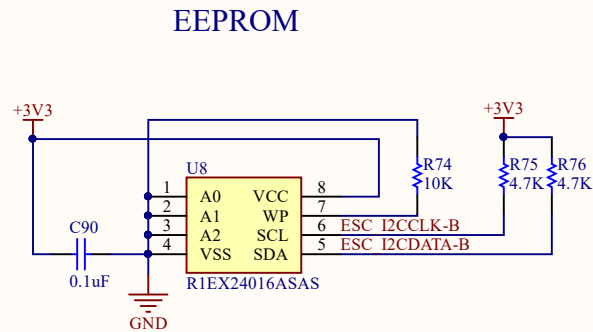
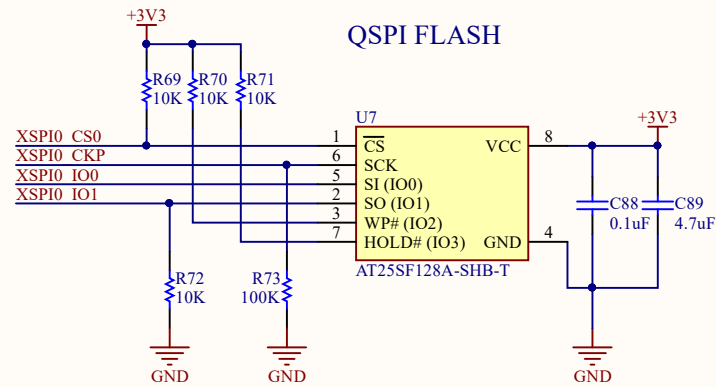
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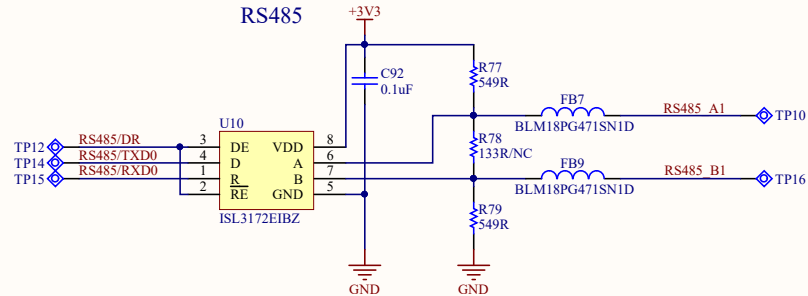
1

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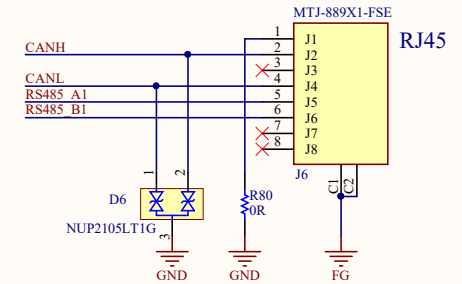
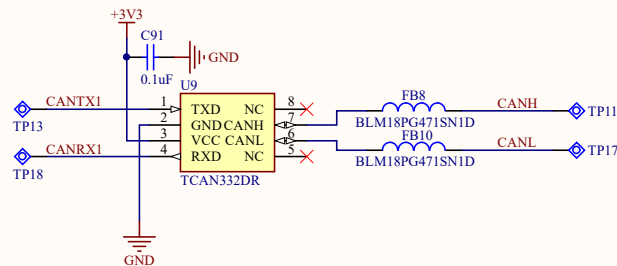
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4

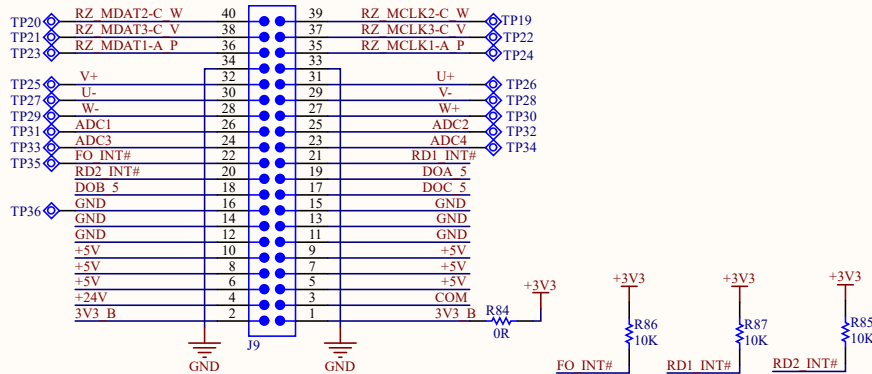
RS485



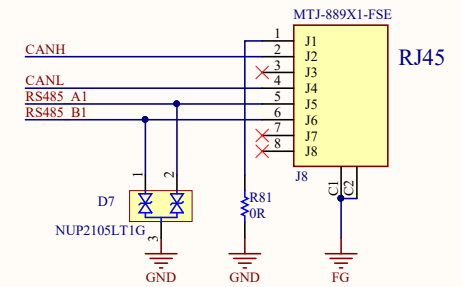
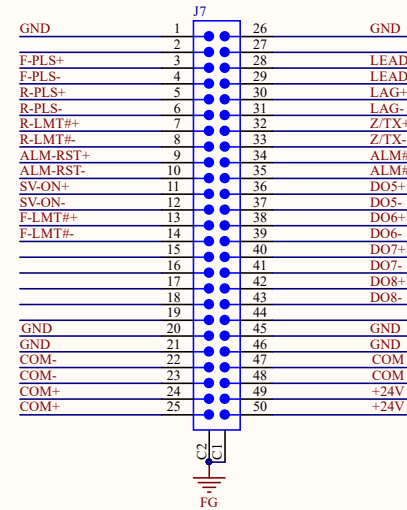
CAN



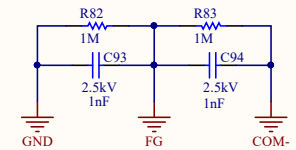
Interface for Power Board



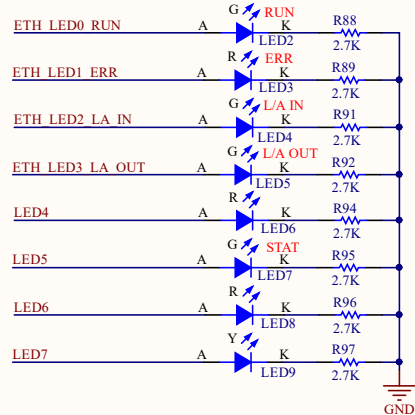
Interface for External Control



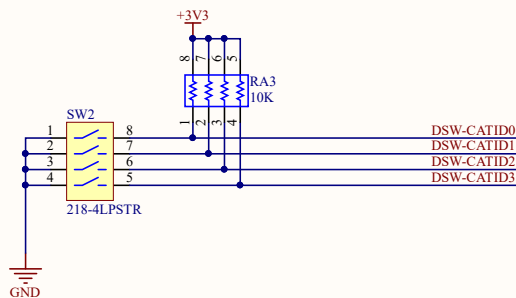
Case Connection (Reserved)



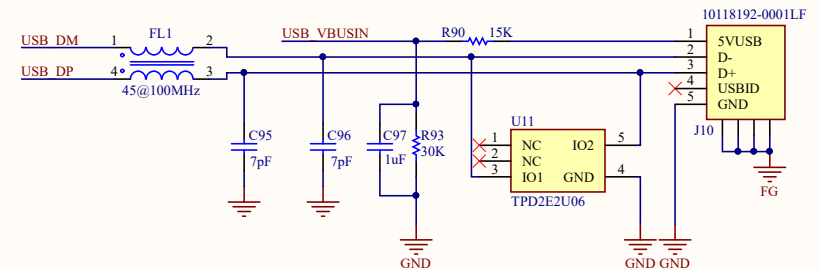
ETHER-CAT LEDS



EtherCAT-ID



USB



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User's Interface

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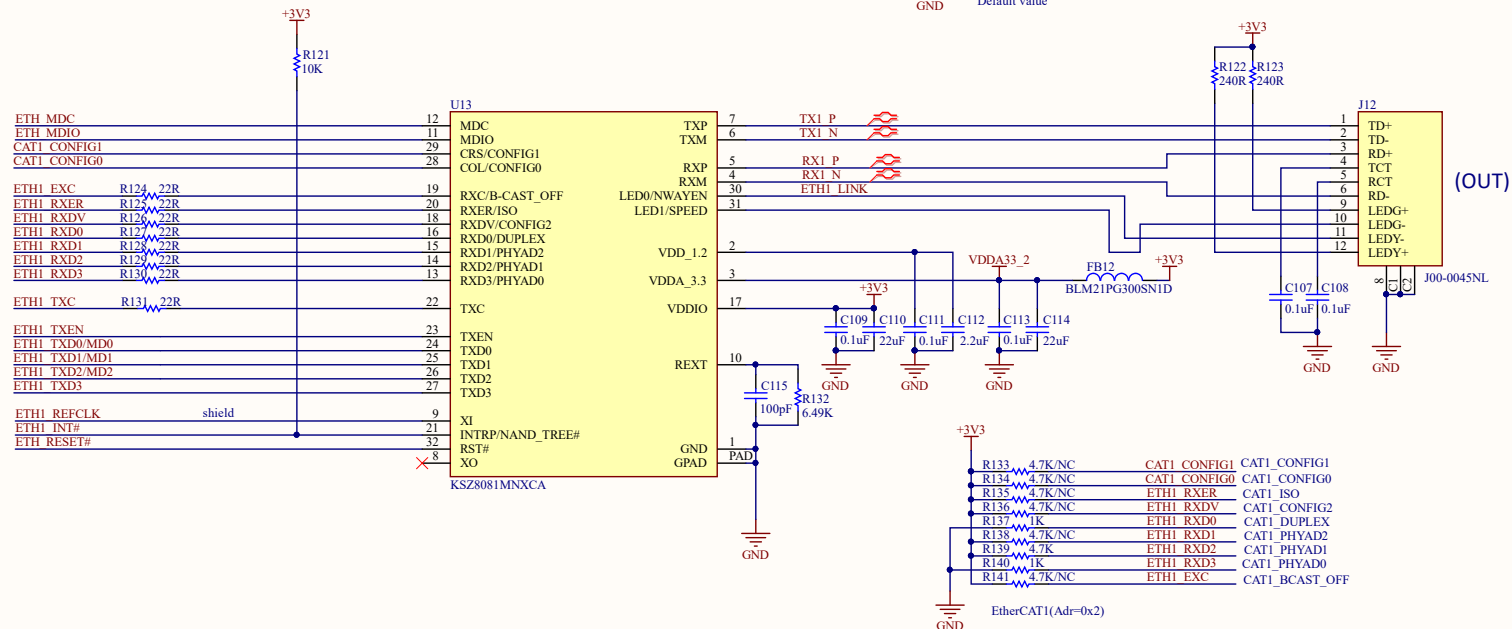
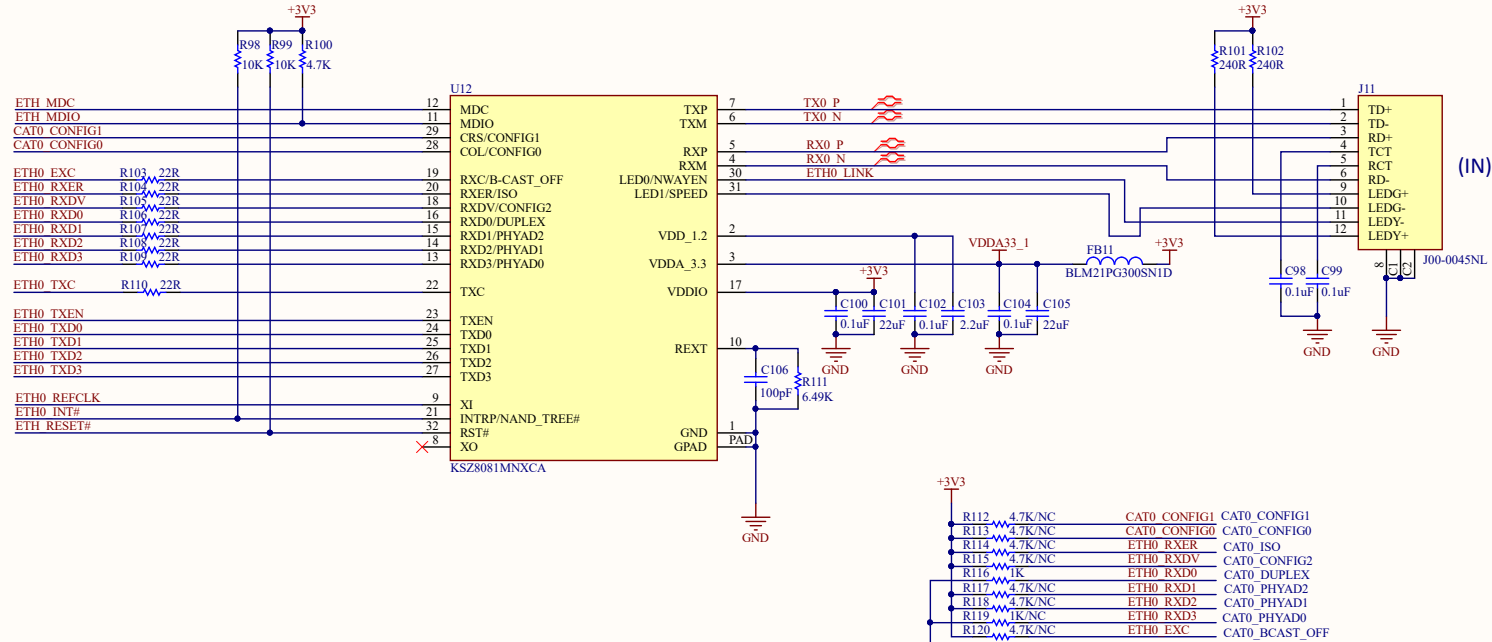
1

2

3

4

EtherCAT Interface x 2



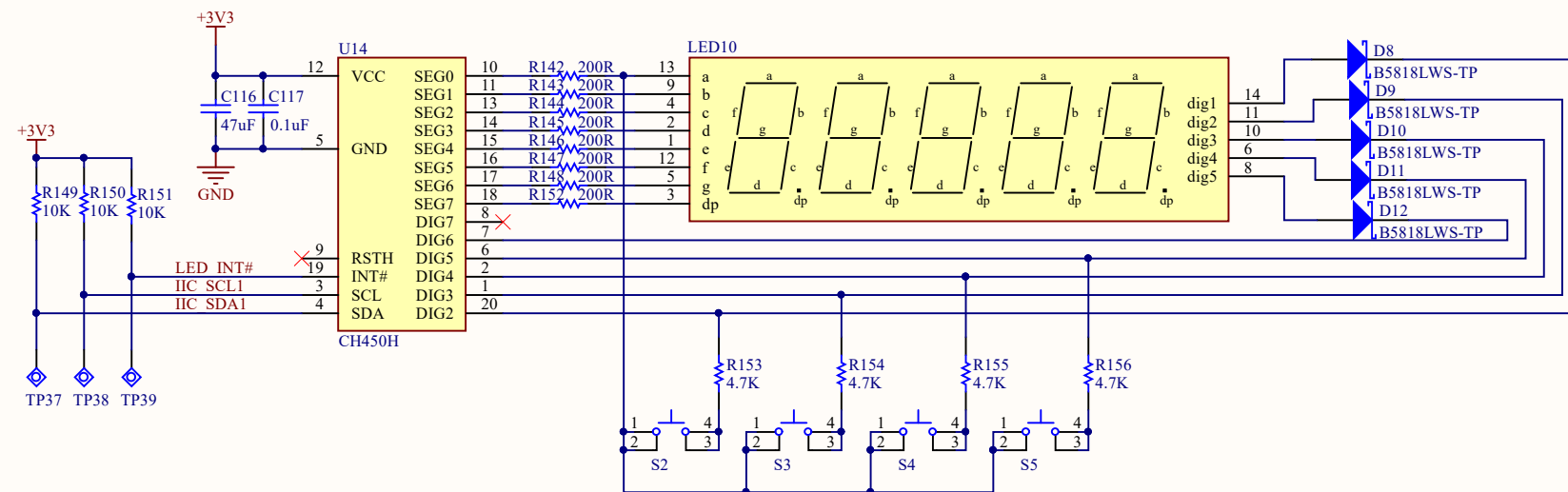
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EtherCAT

Version: V2.0
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Author: SST
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CN032-3 Industry EtherCAT Servo Controller LED and Keys

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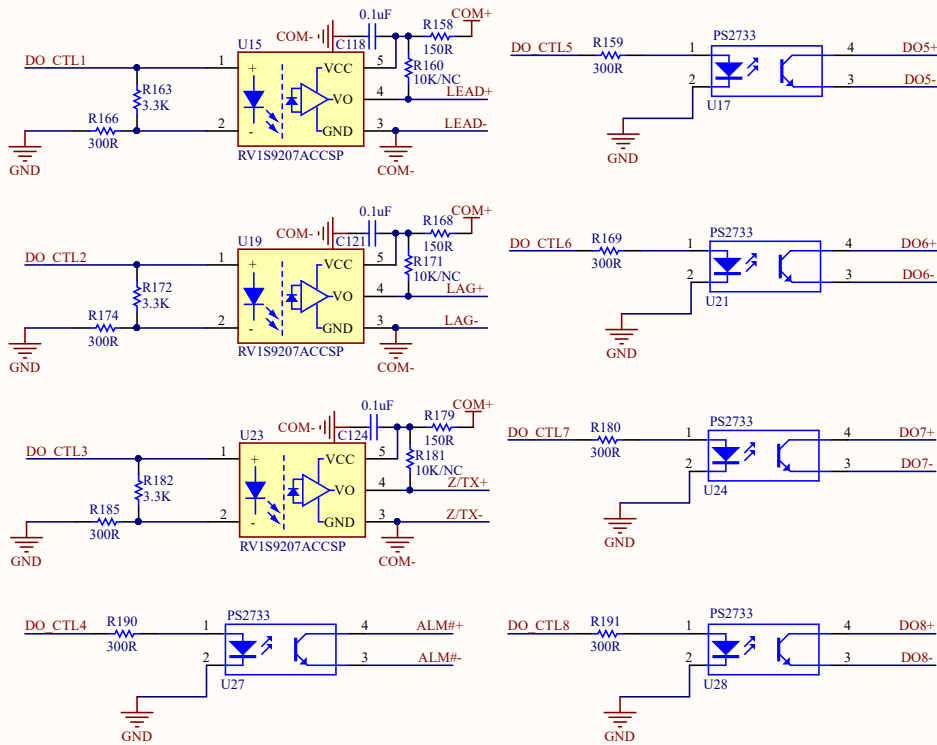
Author: SST
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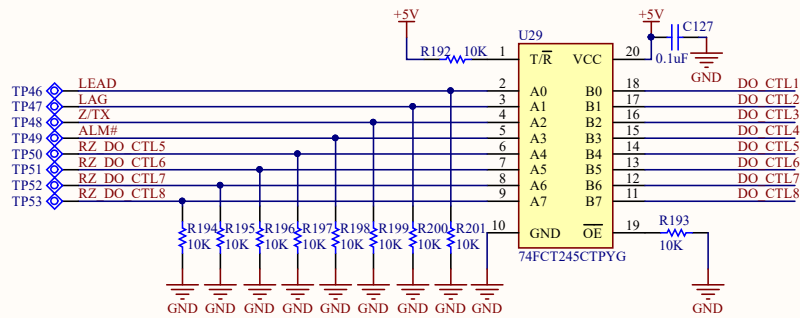
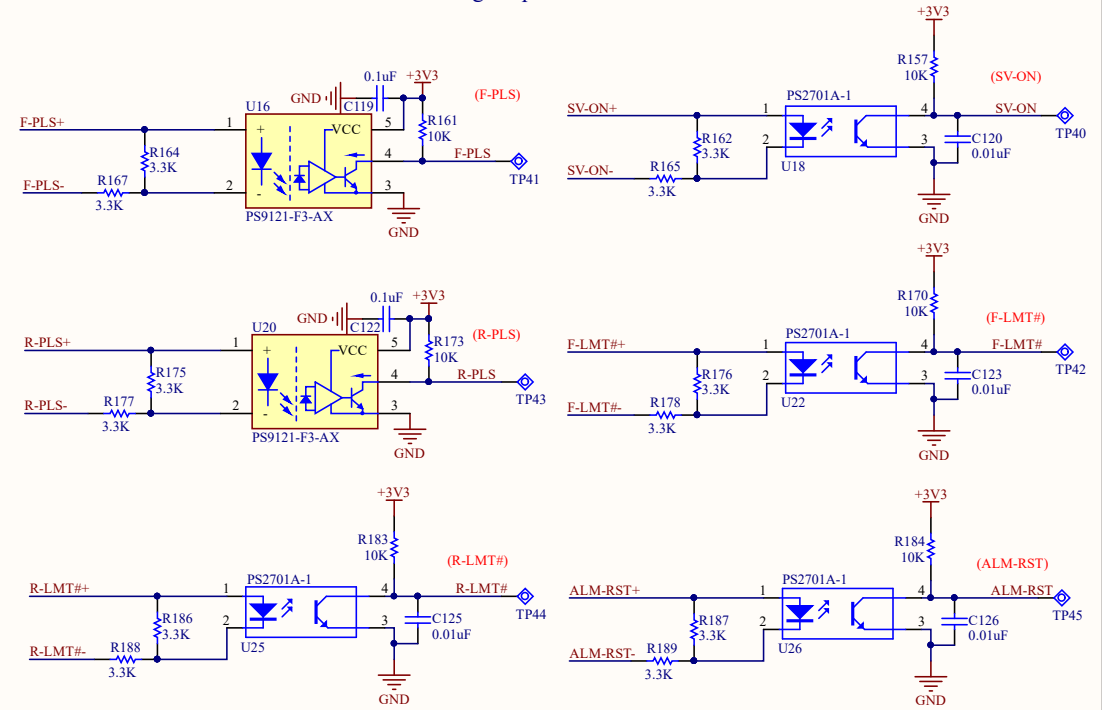
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Digit Output x 8



Digit Input x 6



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DI and DO

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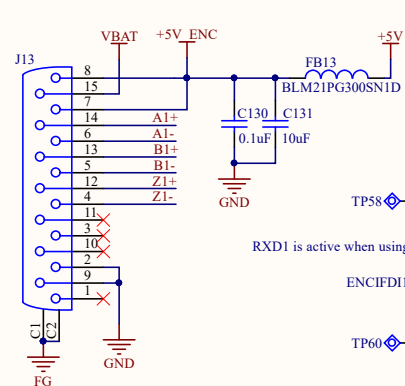
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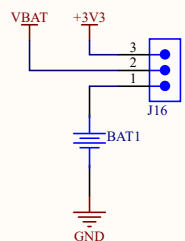
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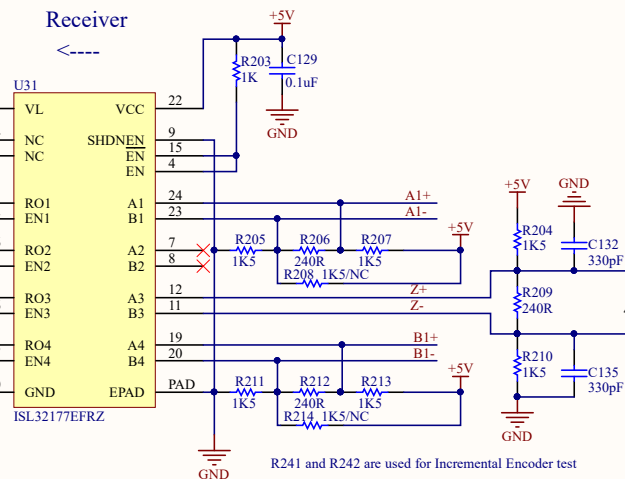
Encoder Interface x2



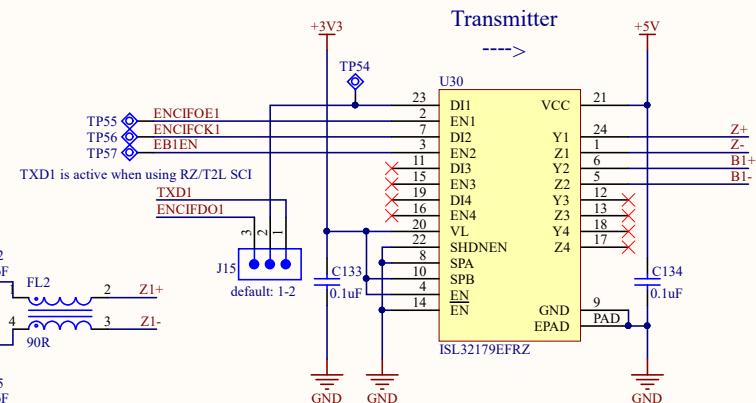
Encoder Battery Power Supply



Receiver



Transmitter



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Encoder

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