

A

A

B

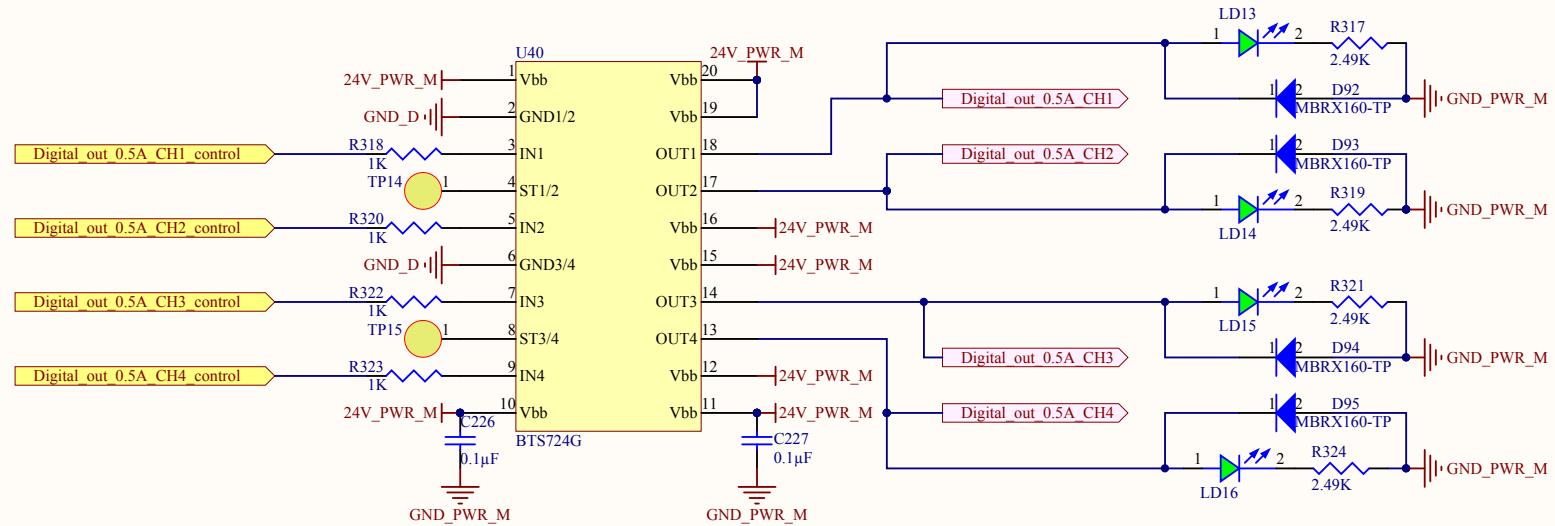
B

C

C

D

D

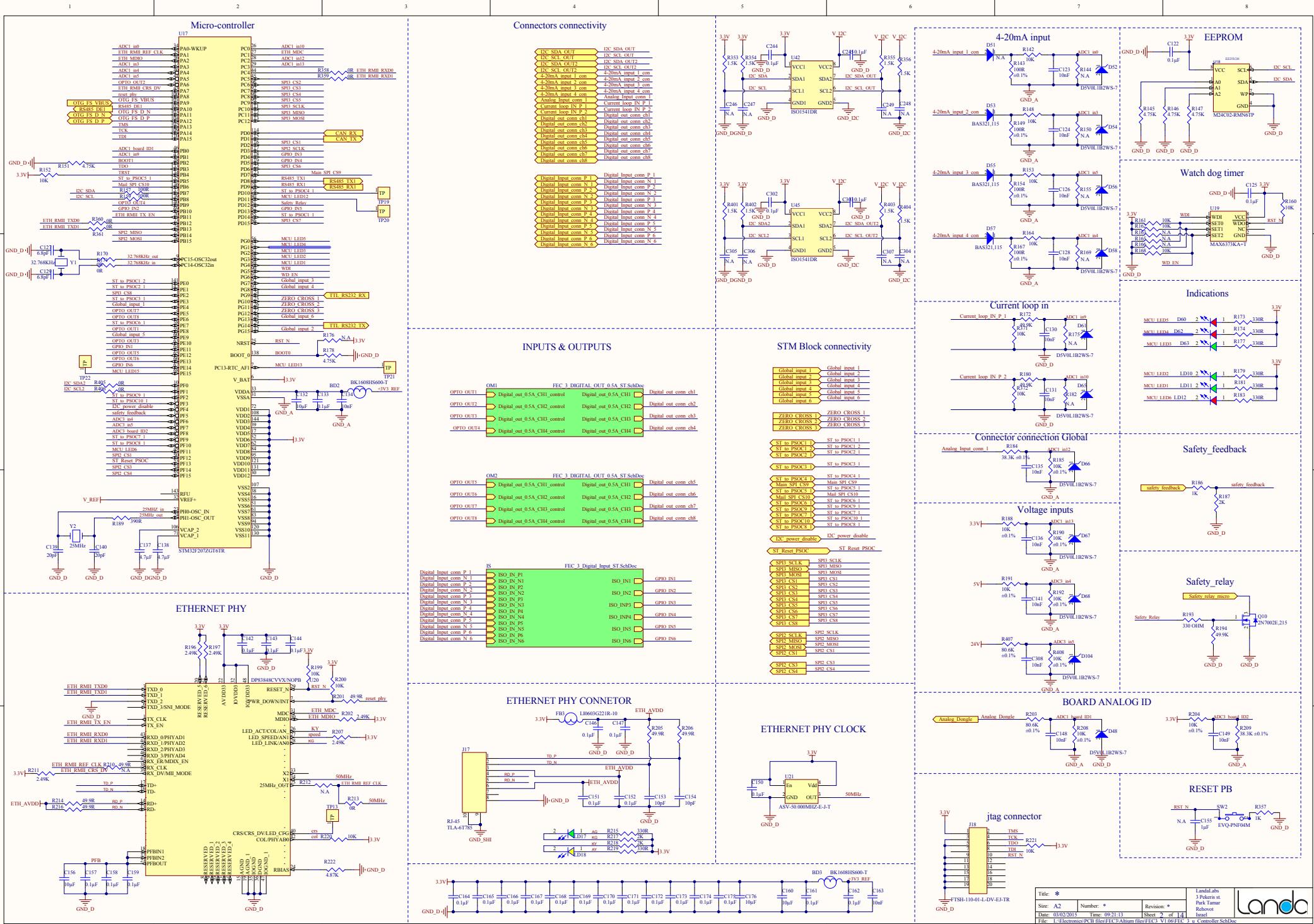


Title **Digital output channel**

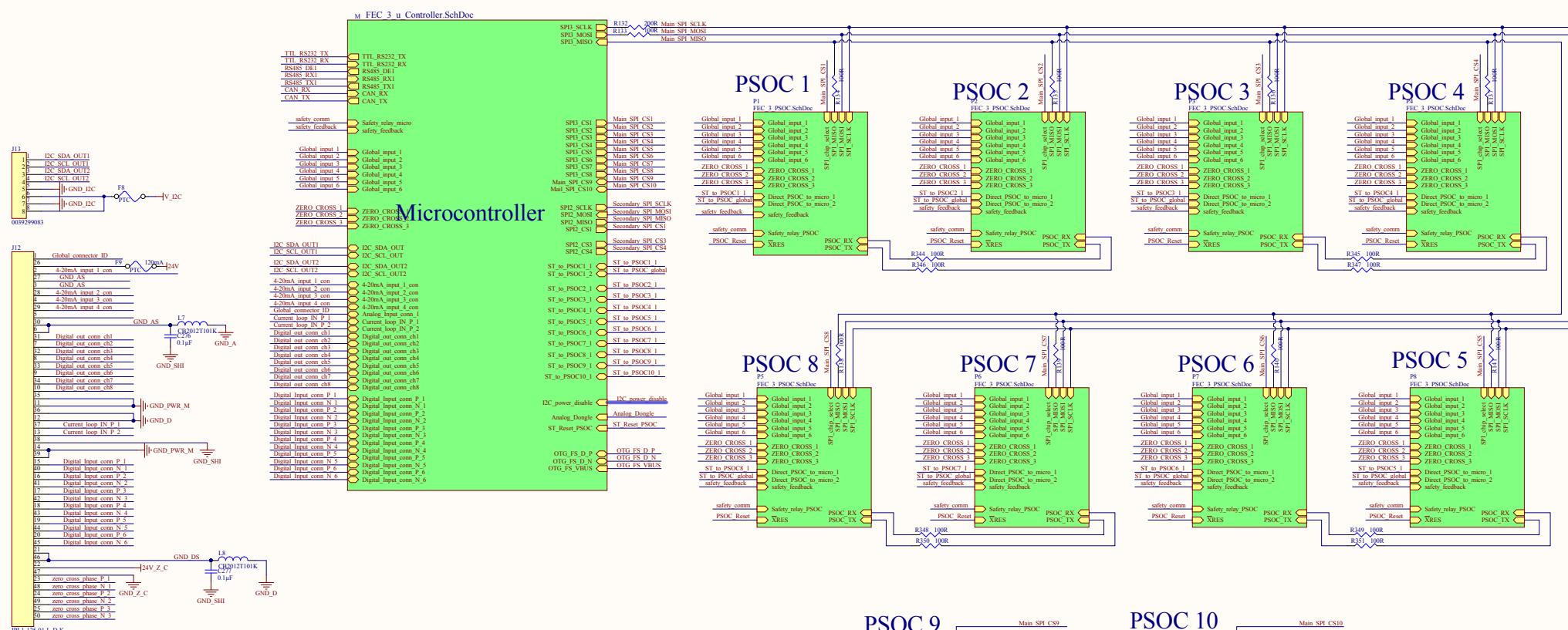
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| Size: A4   | Number: 7      | Revision: *   |
| Date: 03/02/2015   | Time: 09:21:13 | Sheet 1 of 14 |
| File: L:\Electronics\PCB files\FEC3\Altium files\FEC3_V1.06\FEC_3_DIGITAL_OUT_0.5A_ST.SchDoc |                |               |

LandaLabs  
3 Pekeris st.  
Park Tamar  
Rehovot  
Israel

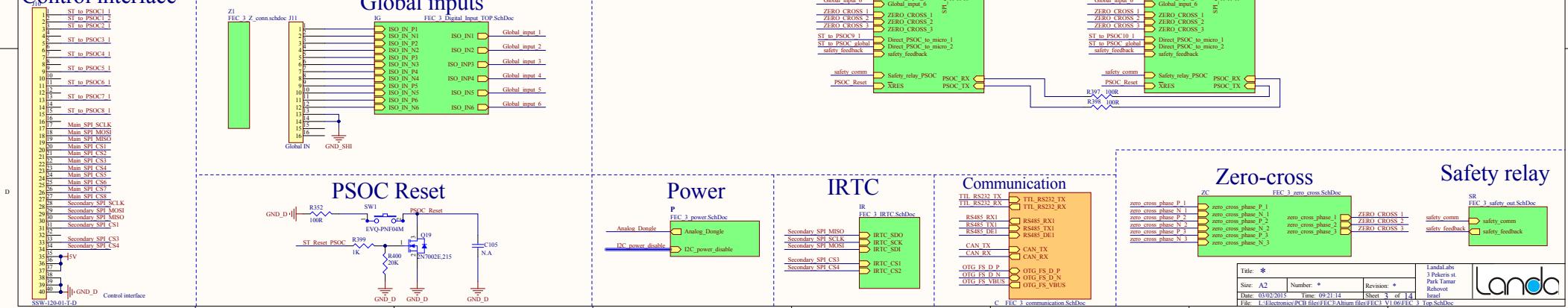
Landa



A



## Control interface



A

A

B

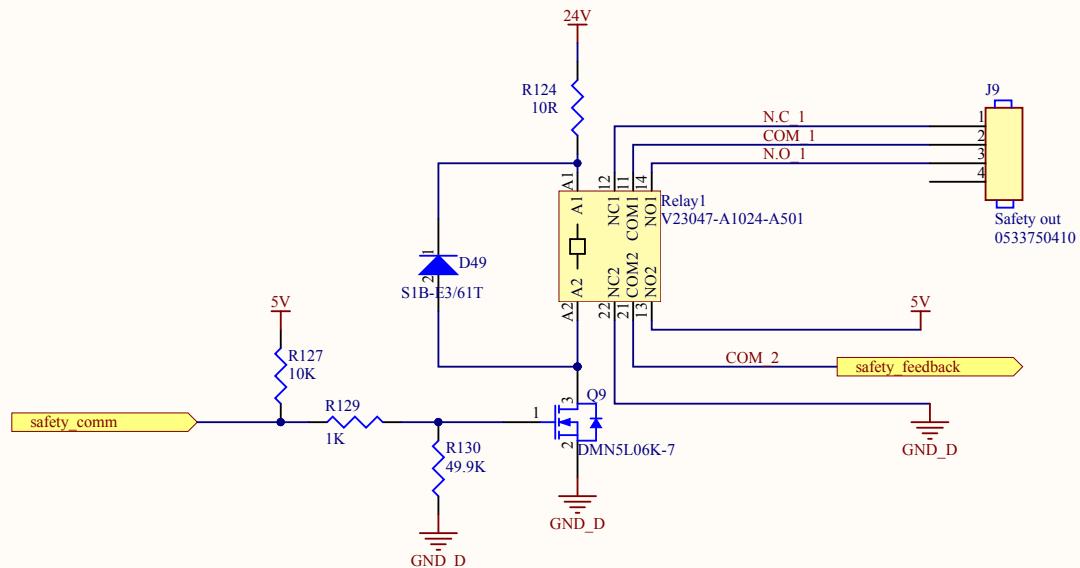
B

C

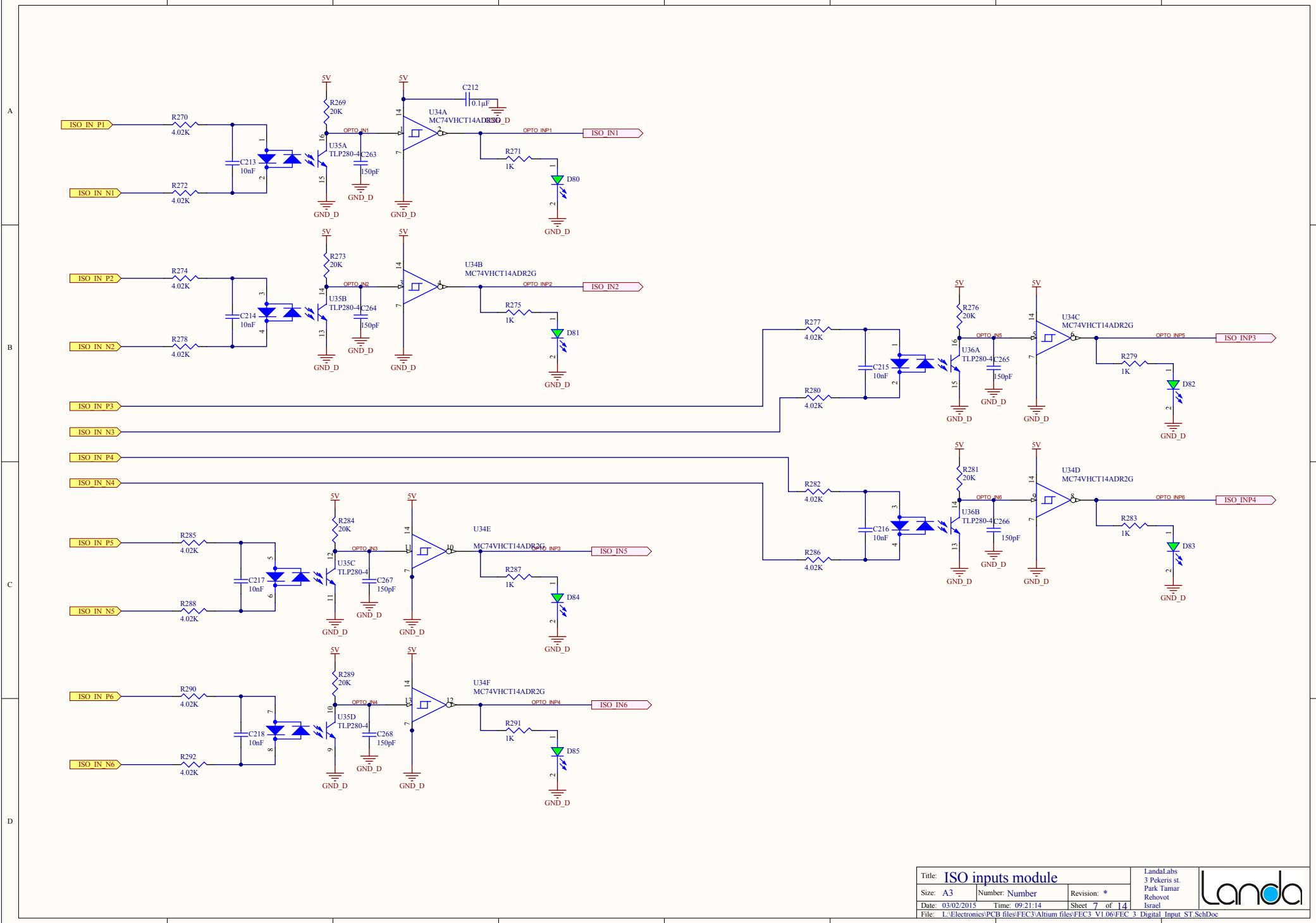
C

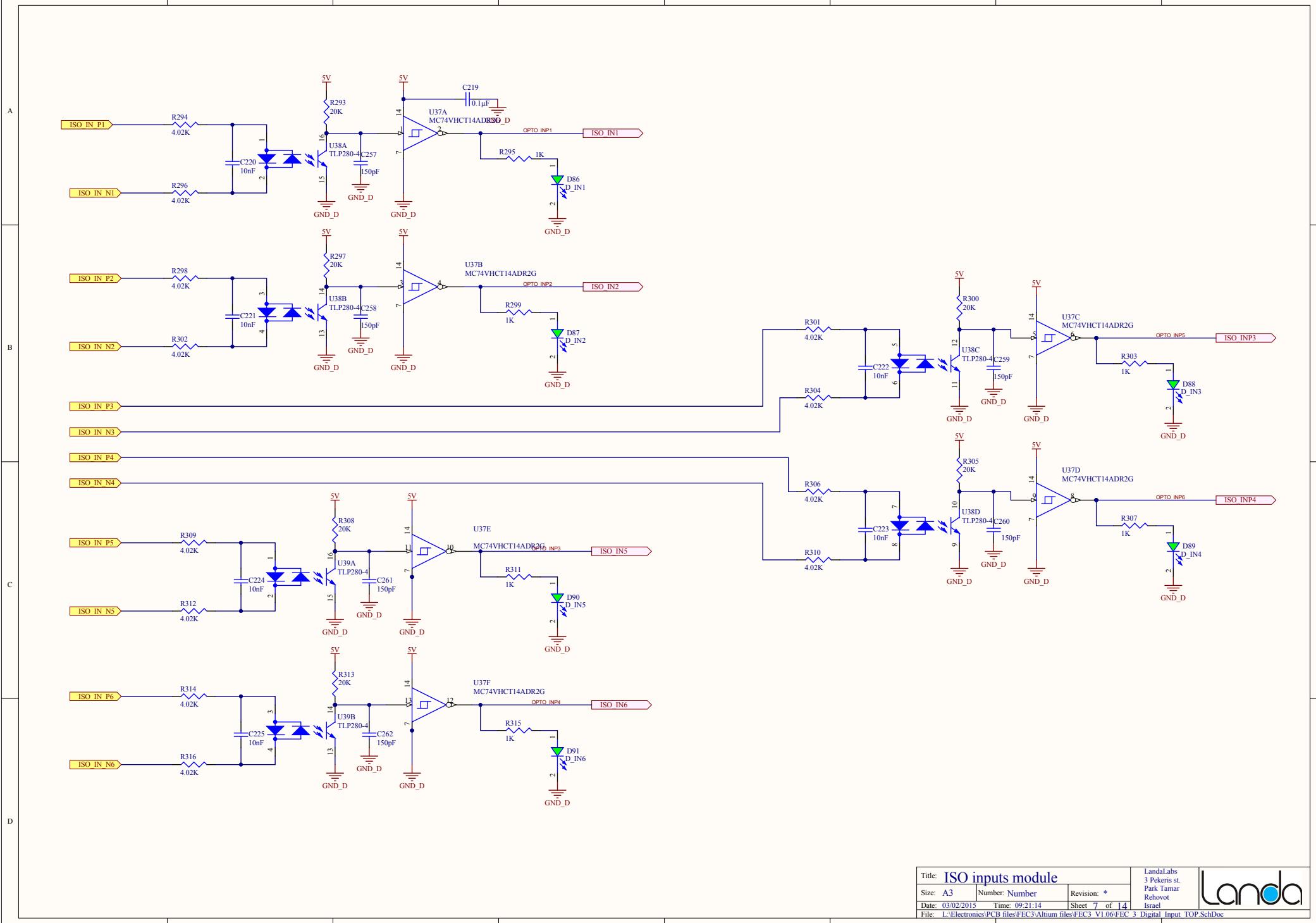
D

D



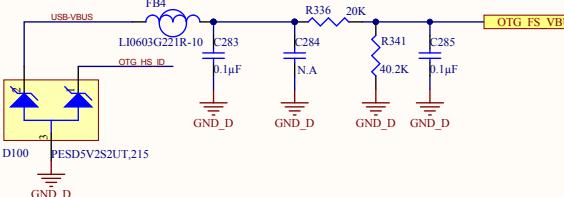
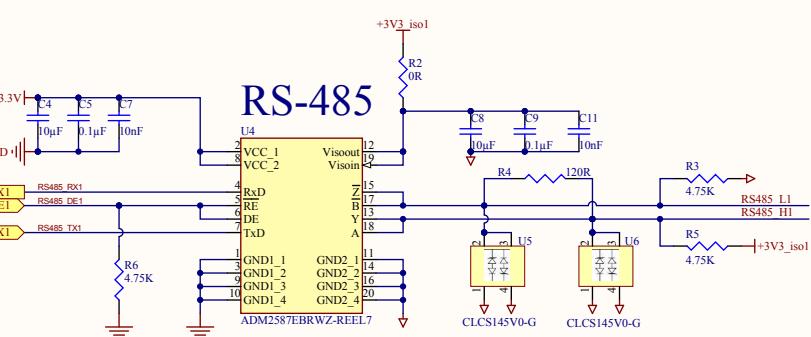
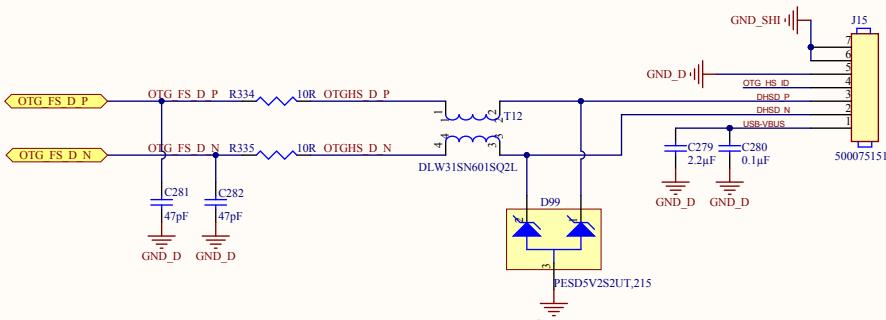
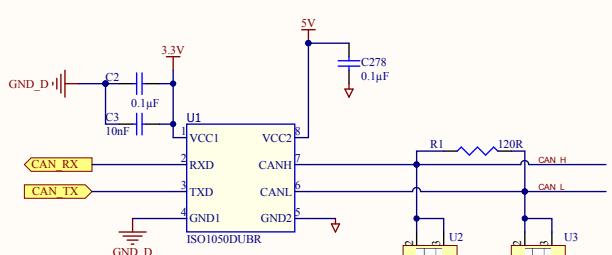
|   |                |               |   |
|---|----------------|---------------|---|
| Title <b><i>Safety relay channel</i></b>  |                |               | LandaLabs<br>3 Pekeris st.<br>Park Tamar<br>Rehovot<br>Israel |
| Size: A4  | Number: 10     | Revision: *   |   |
| Date: 03/02/2015  | Time: 09:21:14 | Sheet 6 of 14 |   |
| File: L:\Electronics\PCB files\FEC3\Altium files\FEC3_V1.06\FEC 3 safety_out.SchDoc |                |               | <b>Landa</b>  |



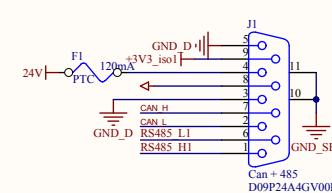
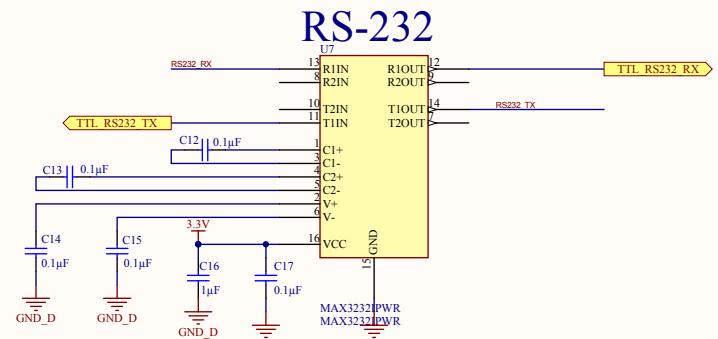


|  |                |               |
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| Title: ISO inputs module   |                |               |
| Size: A3   | Number: Number | Revision: *   |
| Date: 03/02/2015   | Time: 09:21:14 | Sheet 7 of 14 |
| File: L:\Electronics\PCB files\FEC3\Altium files\FEC3_V1.06\FEC 3_Digital Input TOP SchDoc |                |               |

# CAN-bus



need to change CPC5902



1

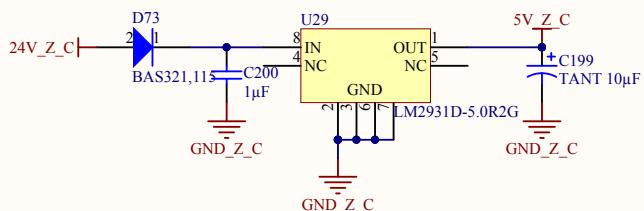
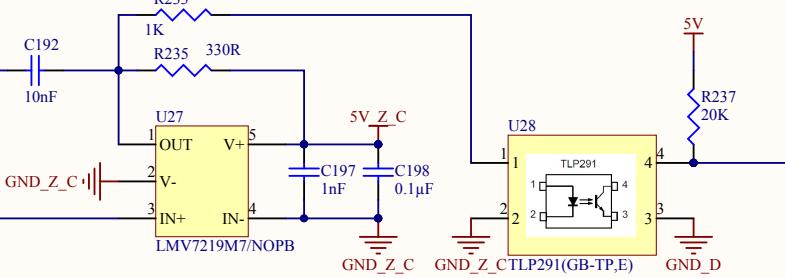
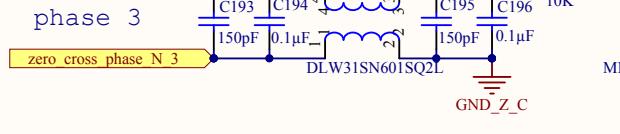
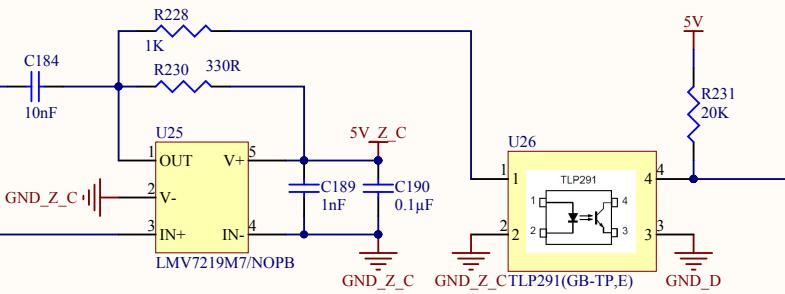
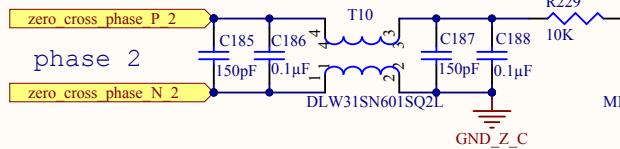
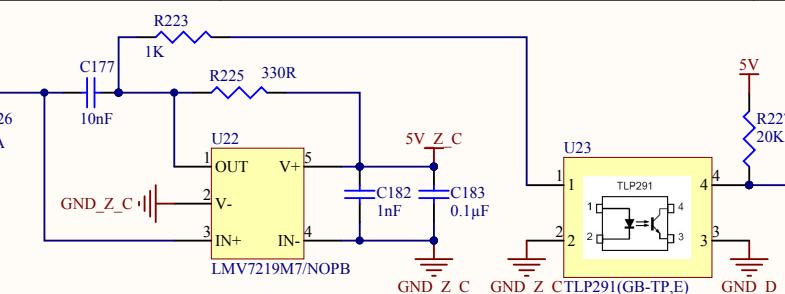
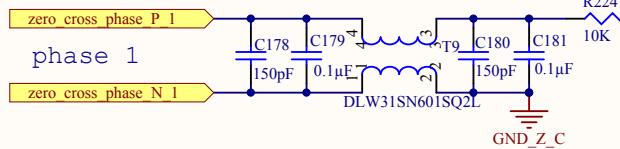
2

3

4

A

A

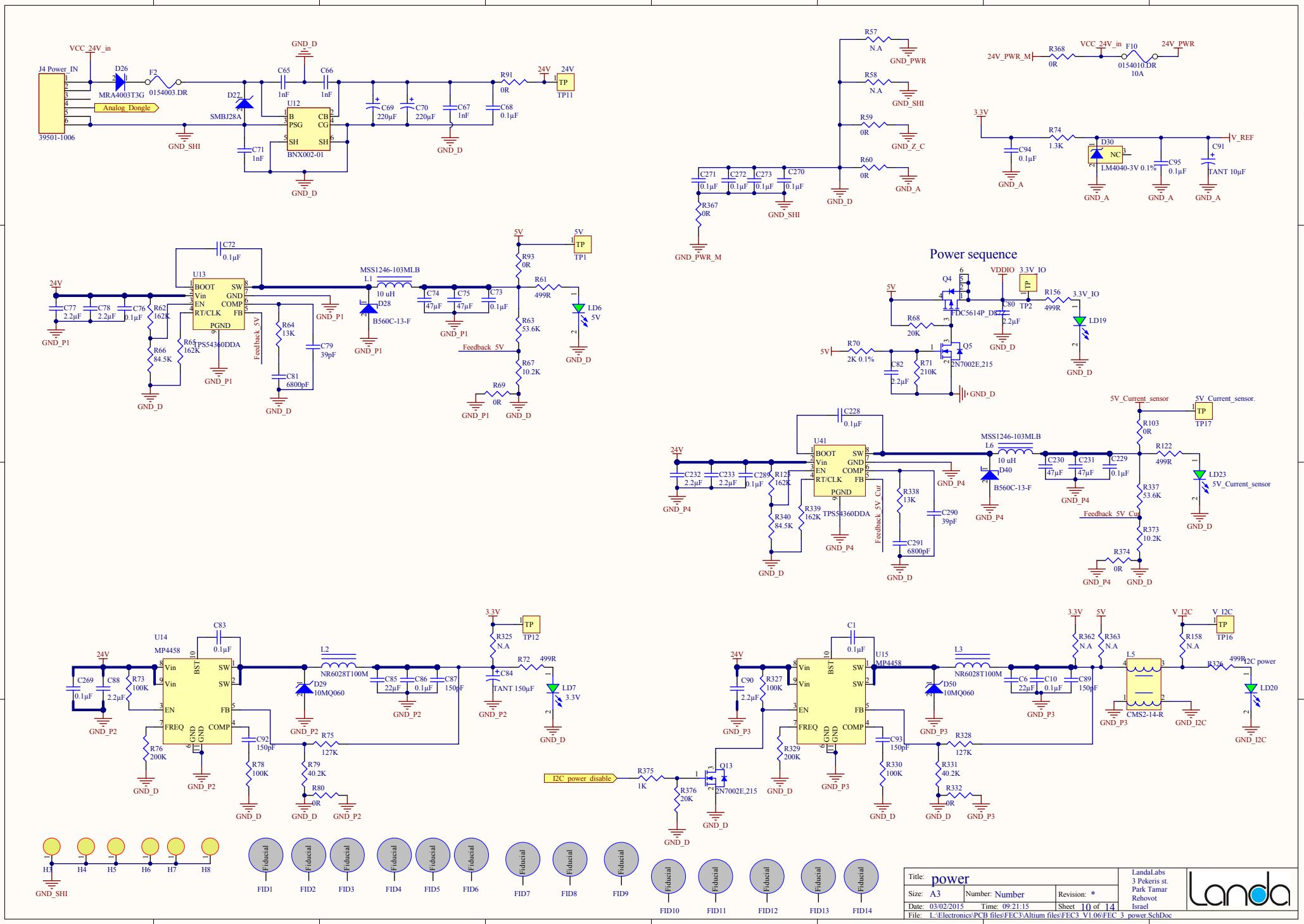


Title: 422 zero cross input

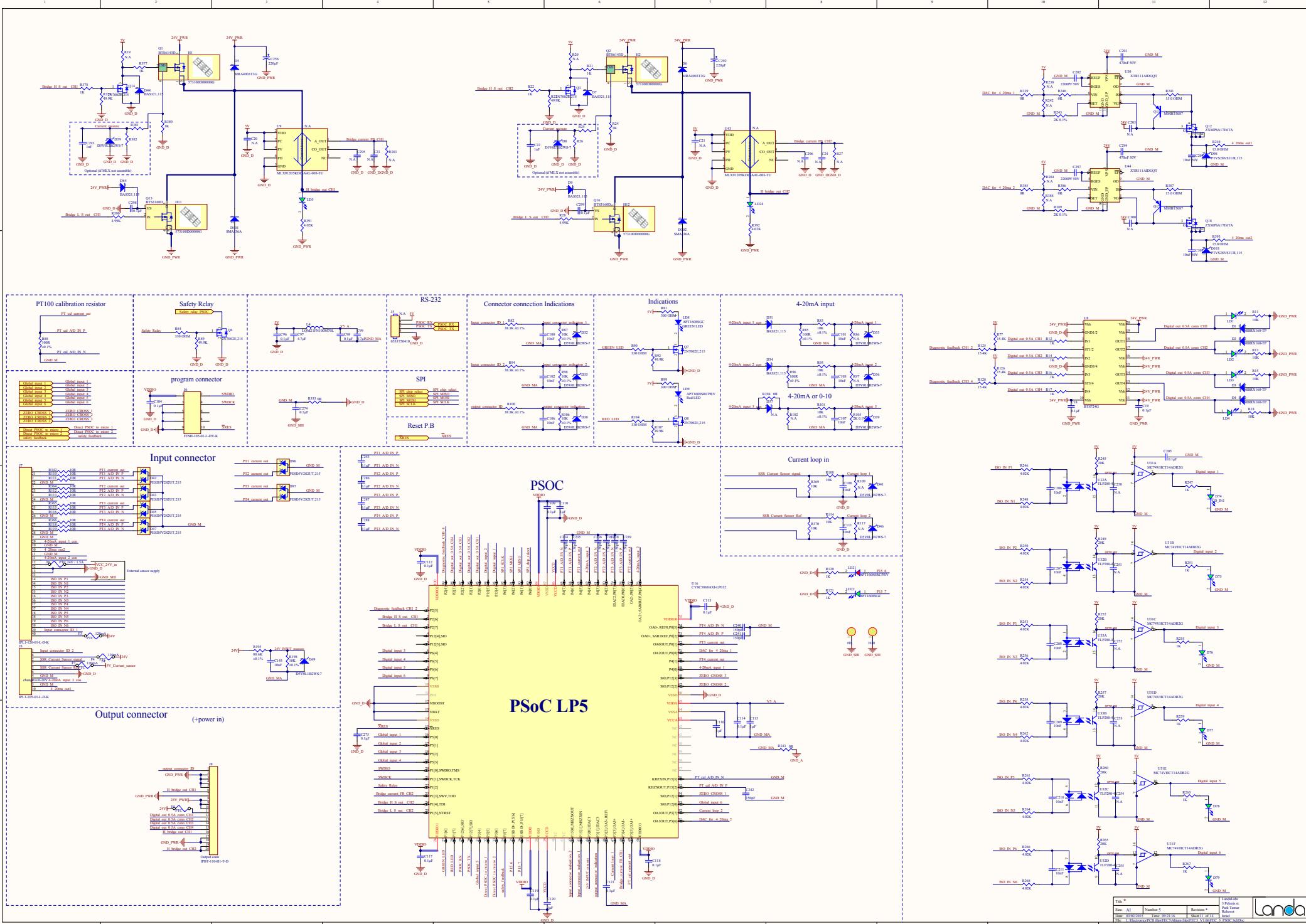
| Size: A4  | Number: 12     | Revision: *   |
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| Date: 03/02/2015  | Time: 09:21:14 | Sheet 9 of 14 |
| File: L:\Electronics\PCB files\FEC3\Altium files\FEC3_V1.06\FEC 3_zero_cross.SchDoc |                |               |

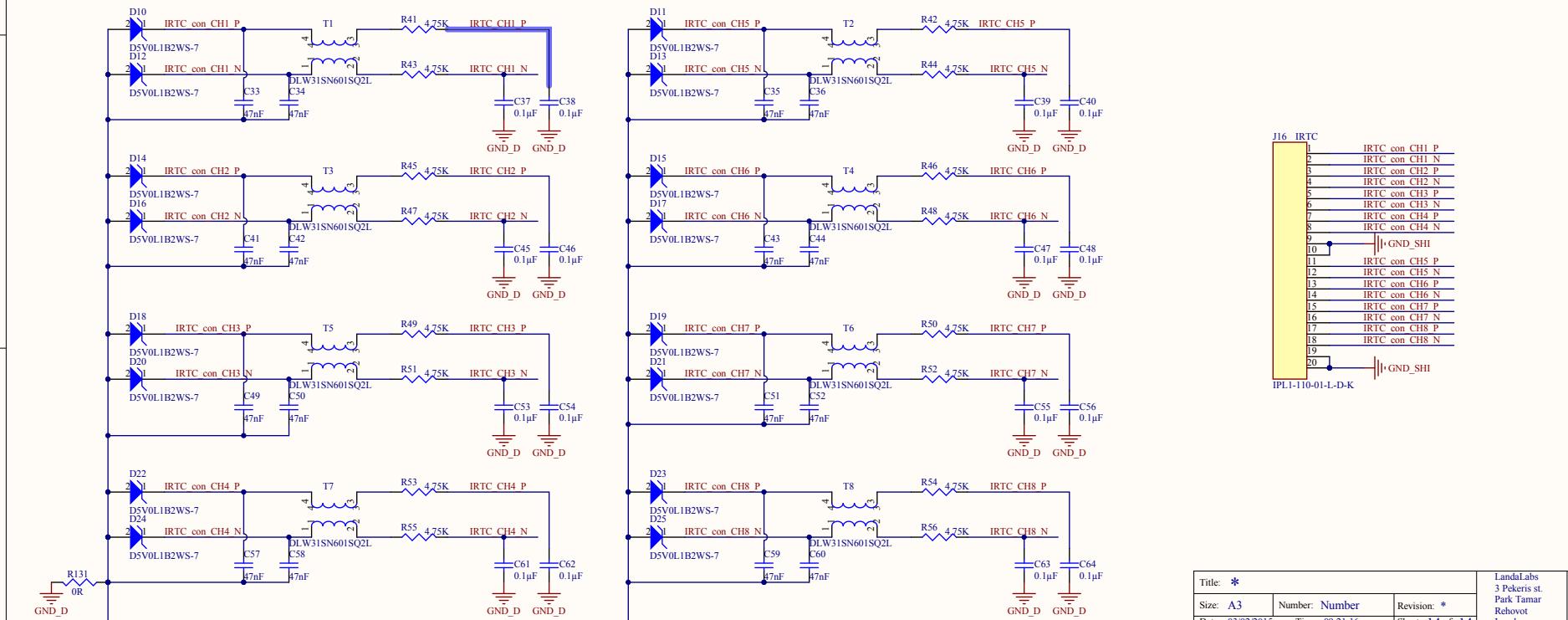
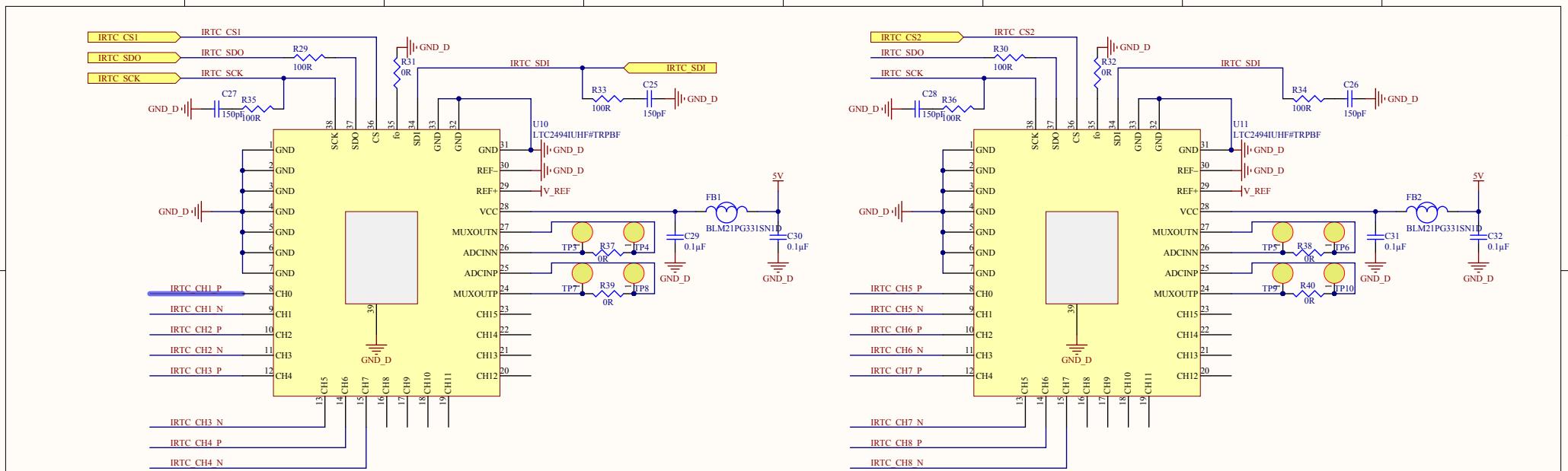
LandaLabs  
3 Pekeris st.  
Park Tamar  
Rehovot  
Israel

Landa



|  |                       |                        |                    |  |
|--|-----------------------|------------------------|--------------------|--|
| Title: <b>power</b>  | Size: <b>A3</b>       | Number: <b>Number</b>  | Revision: <b>*</b> | LandaLabs<br>3 Pekieris st.<br>Park Tamar<br>Rehovot<br>Israel |
| Date: <b>03/02/2015</b>  | Time: <b>09:21:15</b> | Sheet: <b>10 of 14</b> |                    |  |
| File: <b>L:\Electronics\PCB files\FEC3\Aluminum files\FEC3_V1.06\FEC3_power.SchDoc</b> |                       |                        |                    | <b>Landa</b>   |





|          |                  |
|----------|------------------|
| J16_IRTC | I RTC con CH1 P  |
| 1        | I RTC con CH1 N  |
| 2        | I RTC con CH2 P  |
| 3        | I RTC con CH2 N  |
| 4        | I RTC con CH3 P  |
| 5        | I RTC con CH3 N  |
| 6        | I RTC con CH4 N  |
| 7        | I RTC con CH4 P  |
| 8        | I RTC con CH5 N  |
| 9        | I RTC con CH5 P  |
| 10       | GND SHI          |
| 11       | I RTC con CH6 P  |
| 12       | I RTC con CH6 N  |
| 13       | I RTC con CH7 P  |
| 14       | I RTC con CH7 N  |
| 15       | I RTC con CH8 P  |
| 16       | I RTC con CH8 N  |
| 17       | I RTC con CH9 P  |
| 18       | I RTC con CH9 N  |
| 19       | I RTC con CH10 P |
| 20       | I RTC con CH10 N |

GND SHI

A

Z12



X 50 pcs

Z12a



X 40 pcs

Z7a



X 20 pcs

Z16a



X 10 pcs

Z3a

IPD1-25-D-K

IPD1-20-D-K

IPD1-10-D-K

IPD1-05-D-K

Z11

Z11a

0503948200

0511101451

X 14 pcs

Z9



0503518000

0511030400



X 4 pcs

Z9a

Z8

Z8a

CC69L-1620-01-T-SP

X 20 pcs

OR

Z8b

CC69L-2024-01-T-SP

X 20 pcs

B

C

D

A

B

C

D

## Title

## Size

A

## Number

## Revision

## Date:

03/02/2015

## Sheet of

## File:

L:\Electronics\.\FEC\_3\_Z\_conn.SchDoc

Drawn By:

SIMSCORER E

