

A

B

C

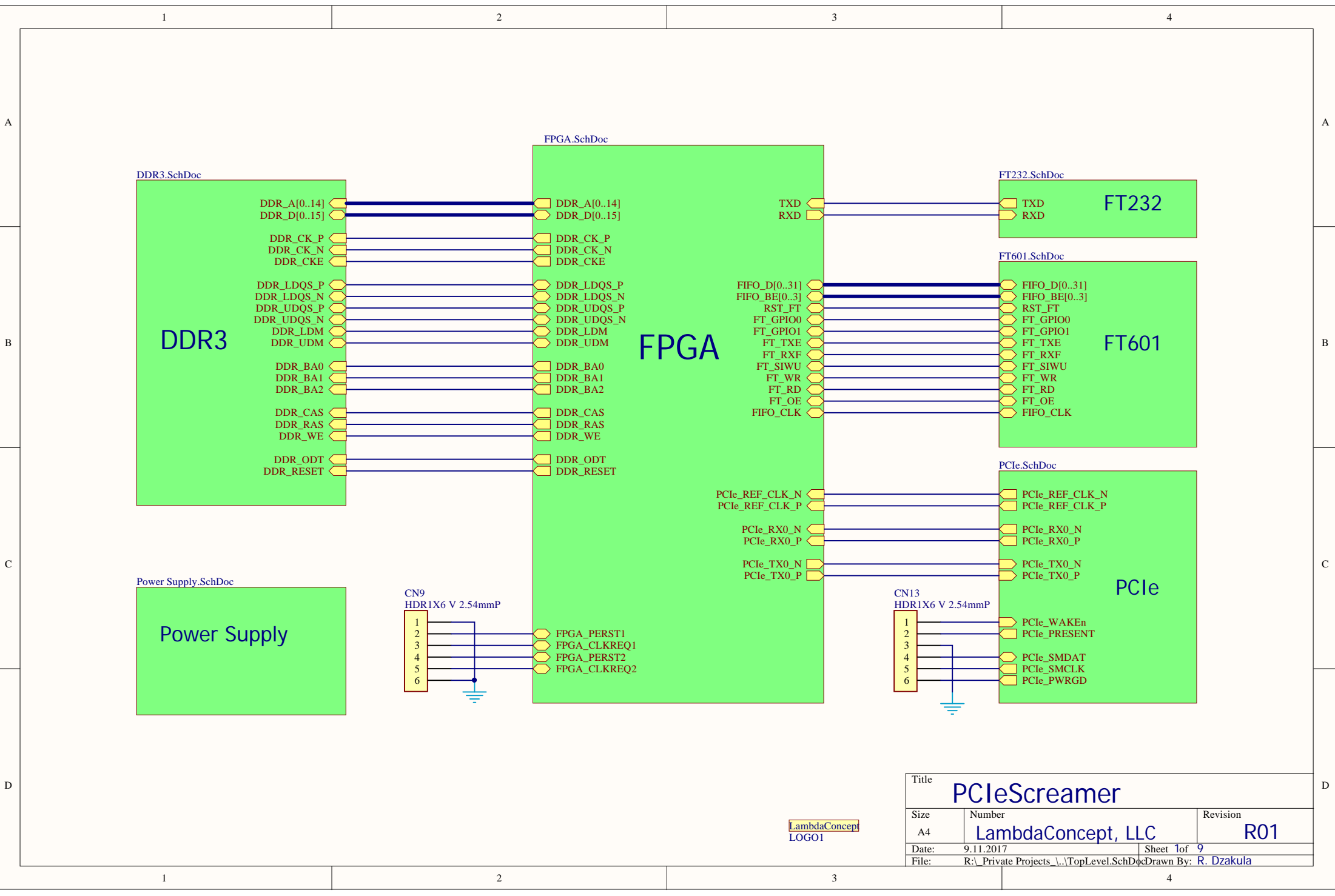
D

A

B

C

D



LambdaConcept  
LOGO1

|       |  |            |              |
|-------|--|------------|--------------|
| Title |  |            | PCieScreamer |
| Size  | Number   | Revision   |              |
| A4    | LambdaConcept, LLC   | R01        |              |
| Date: | 9.11.2017  | Sheet 1 of | 9            |
| File: | R:\ Private Projects \...\TopLevel.SchDoc Drawn By: R. Dzakula |            |              |

1

2

3

4

A

A

B

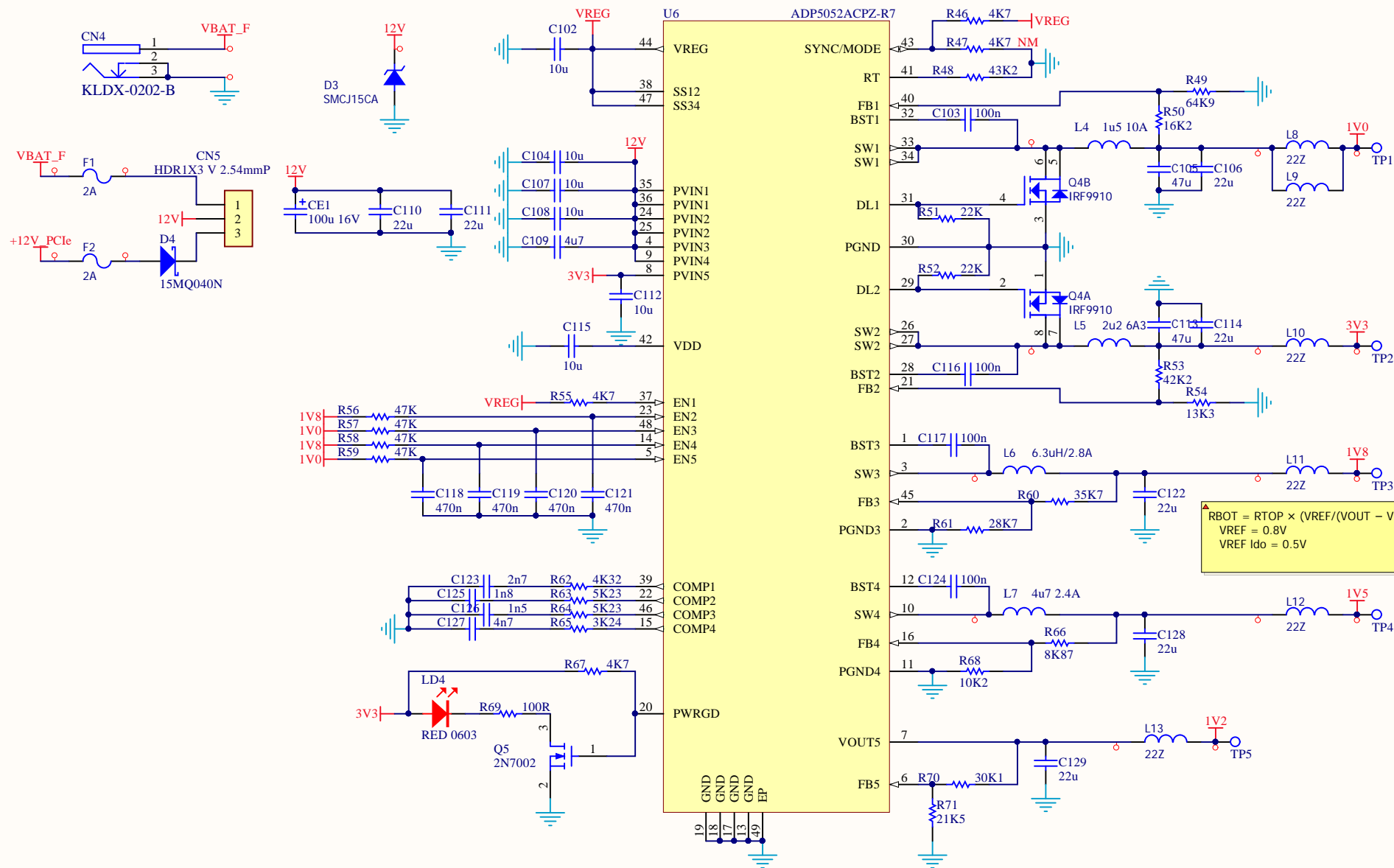
B

C

C

D

D



$$R_{BOT} = R_{TOP} \times (V_{REF} / (V_{OUT} - V_{REF}))$$

$V_{REF} = 0.8V$   
 $V_{REF} I_{do} = 0.5V$

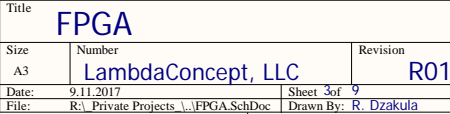
|              |  |             |
|--------------|--|-------------|
| Title        |  |             |
| Power Supply |  |             |
| Size         | Number   | Revision    |
| A4           | LambdaConcept, LLC   | R01         |
| Date:        | 9.11.2017  | Sheet 2of 9 |
| File:        | R:\Private Projects \...\Power Supply.Sch Drawn By: R. Dzakula |             |

1

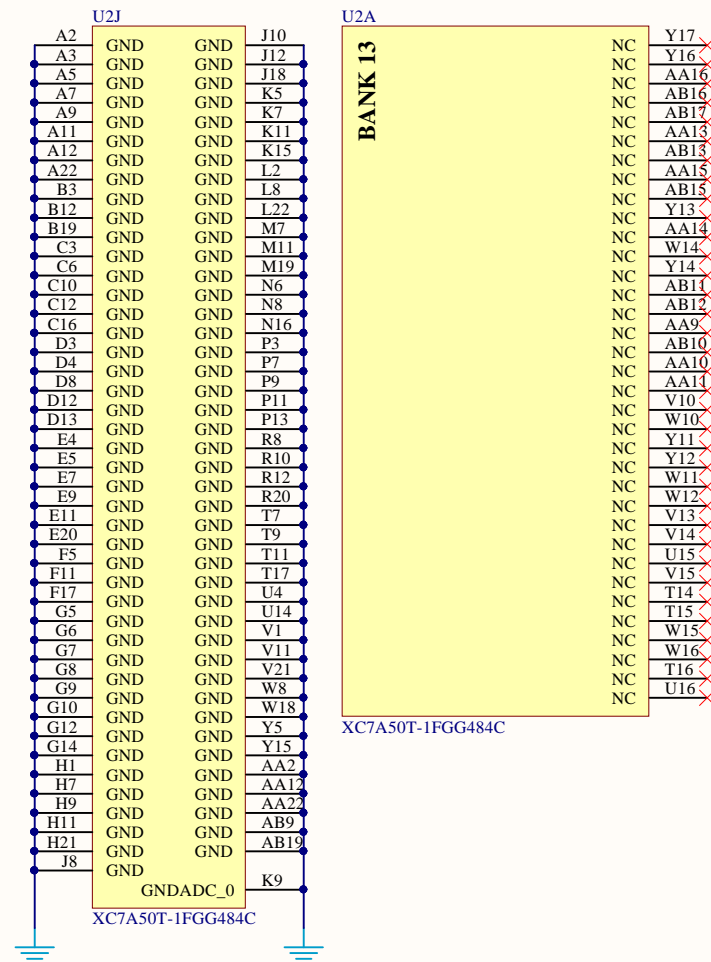
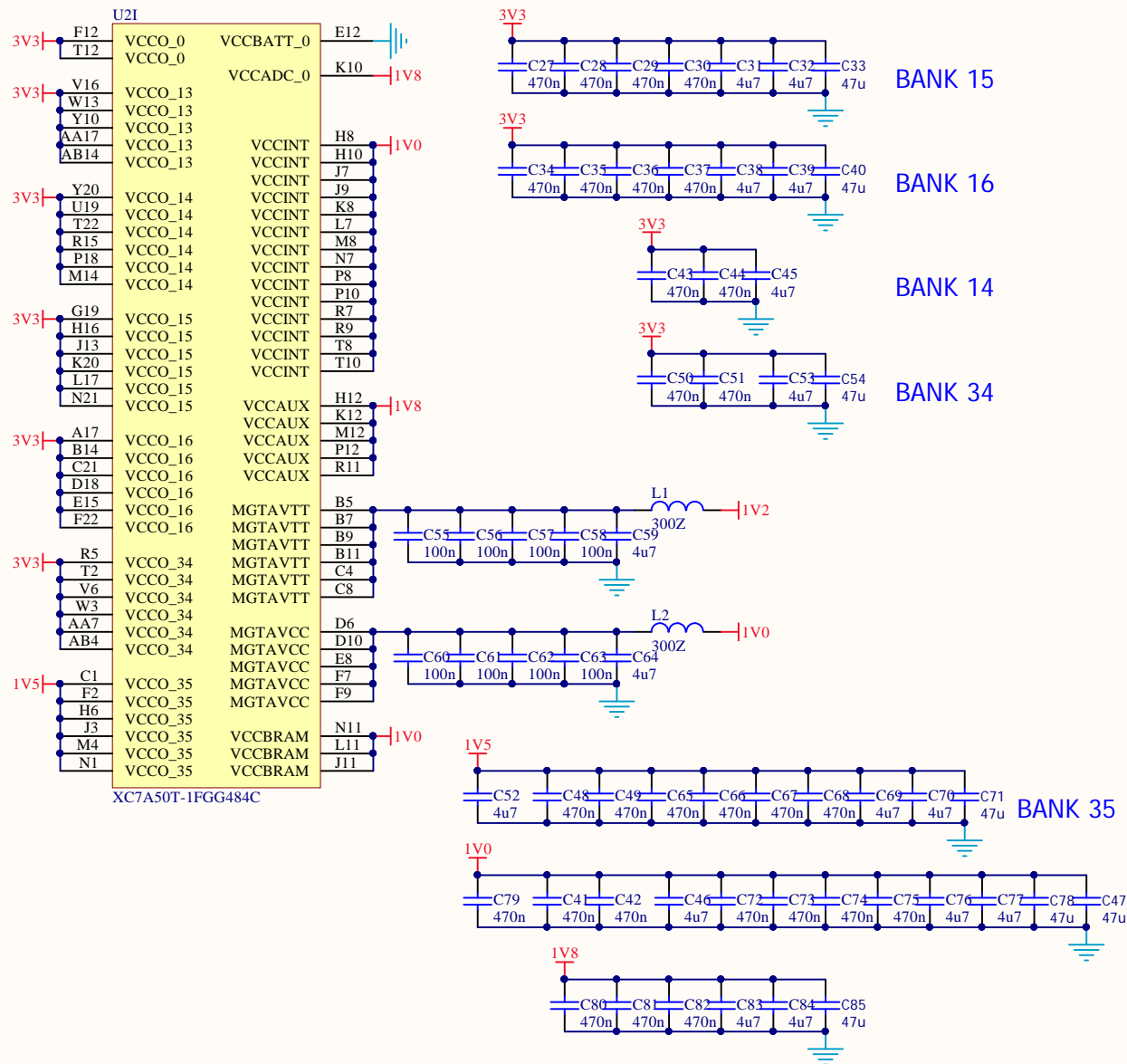
2

3

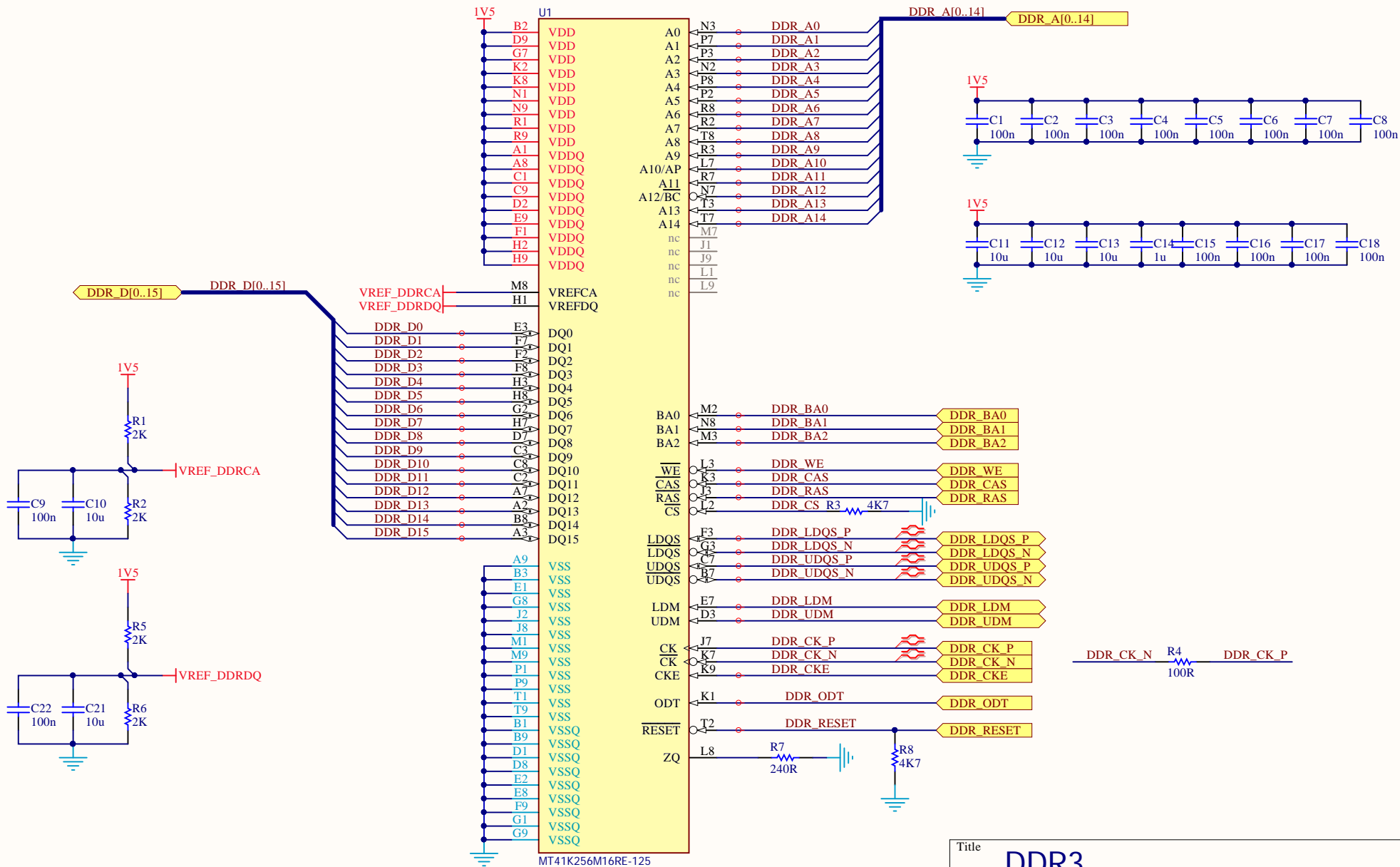
4





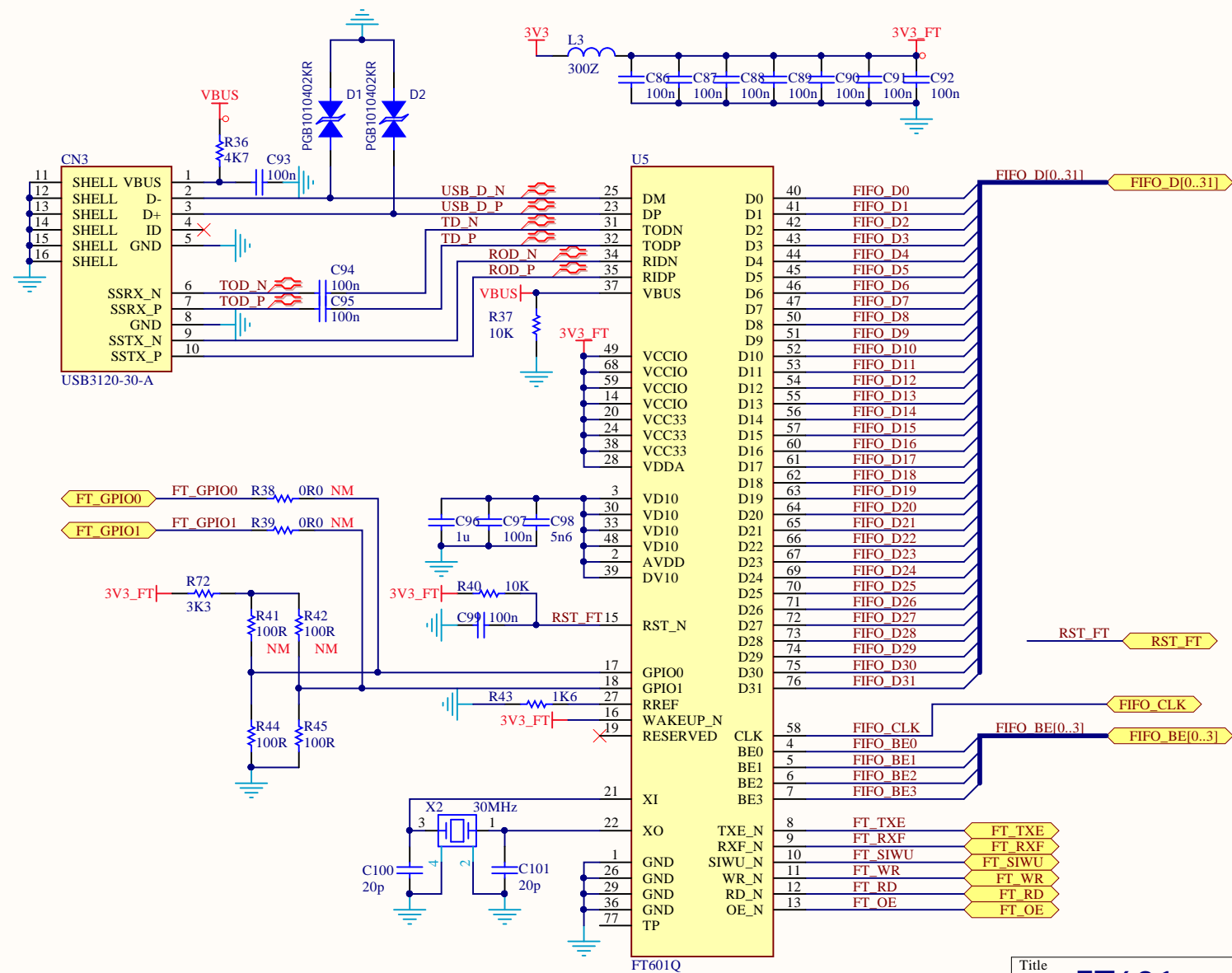


|            |  |              |
|------------|--|--------------|
| Title      |  |              |
| FPGA Power |  |              |
| Size       | Number   | Revision     |
| A4         | LambdaConcept, LLC   | R01          |
| Date:      | 9.11.2017  | Sheet 5 of 9 |
| File:      | R:\Private Projects \..FPGA Power Supply\Drawings\R. Dzakula |              |



|       |                                       |                      |
|-------|---------------------------------------|----------------------|
| Title |                                       |                      |
| DDR3  |                                       |                      |
| Size  | Number                                | Revision             |
| A4    | LambdaConcept, LLC                    | R01                  |
| Date: | 9.11.2017                             | Sheet 6 of 9         |
| File: | R:\ Private Projects \...\DDR3.SchDoc | Drawn By: R. Dzakula |

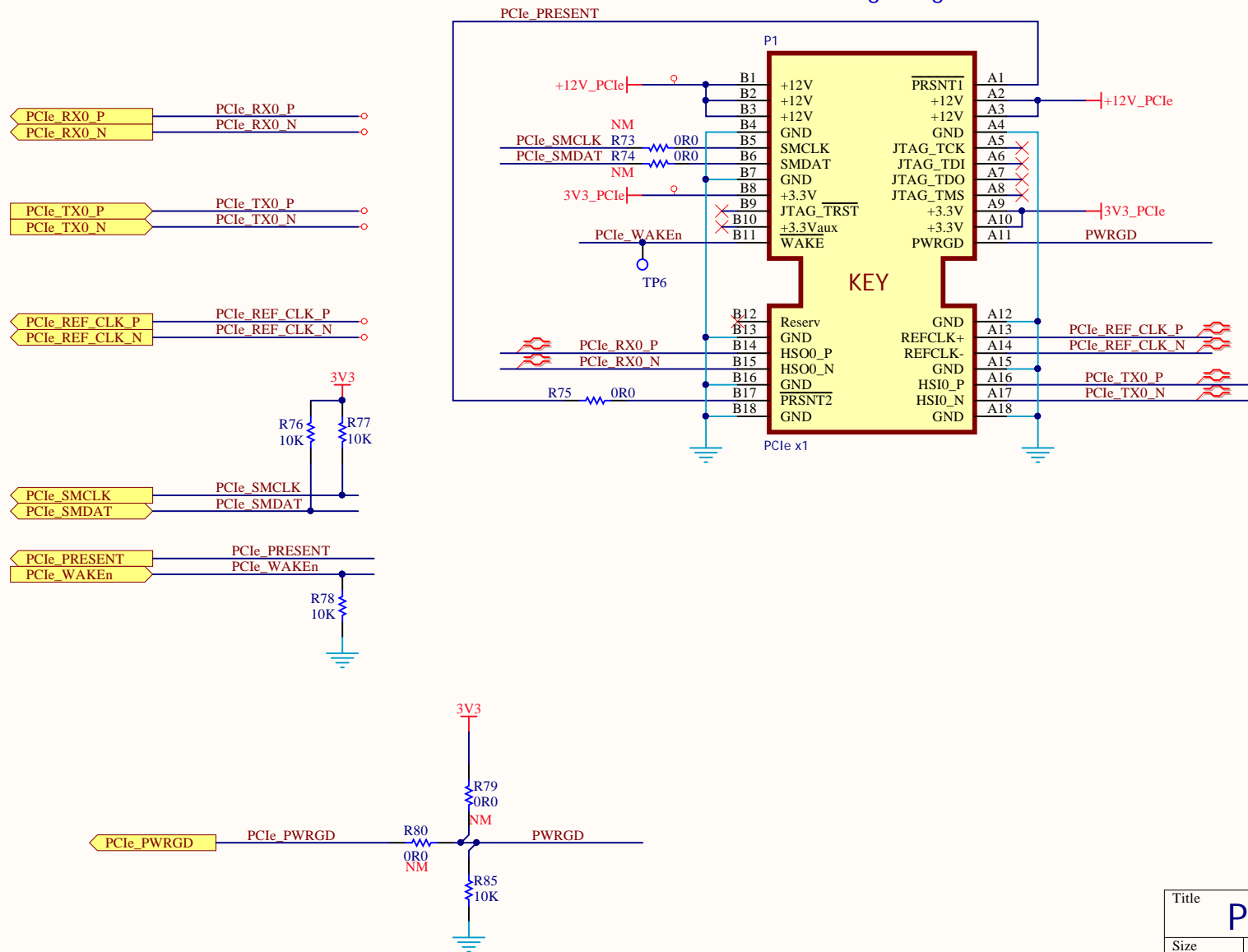




|       |  |                      |
|-------|--|----------------------|
| Title |  |                      |
| FT601 |  |                      |
| Size  | Number                                 | Revision             |
| A4    | LambdaConcept, LLC                     | R01                  |
| Date: | 9.11.2017                              | Sheet 8 of 9         |
| File: | R:\ Private Projects \...\FT601.SchDoc | Drawn By: R. Dzakula |



# PCIe x1 Edge Fingers



|                       |                                       |                      |
|-----------------------|---------------------------------------|----------------------|
| Title                 |                                       |                      |
| PCIe Finger Connector |                                       |                      |
| Size                  | Number                                | Revision             |
| A4                    | LambdaConcept, LLC                    | R01                  |
| Date:                 | 9.11.2017                             | Sheet 9 of 9         |
| File:                 | R:\ Private Projects \...\PCIe.SchDoc | Drawn By: R. Dzakula |