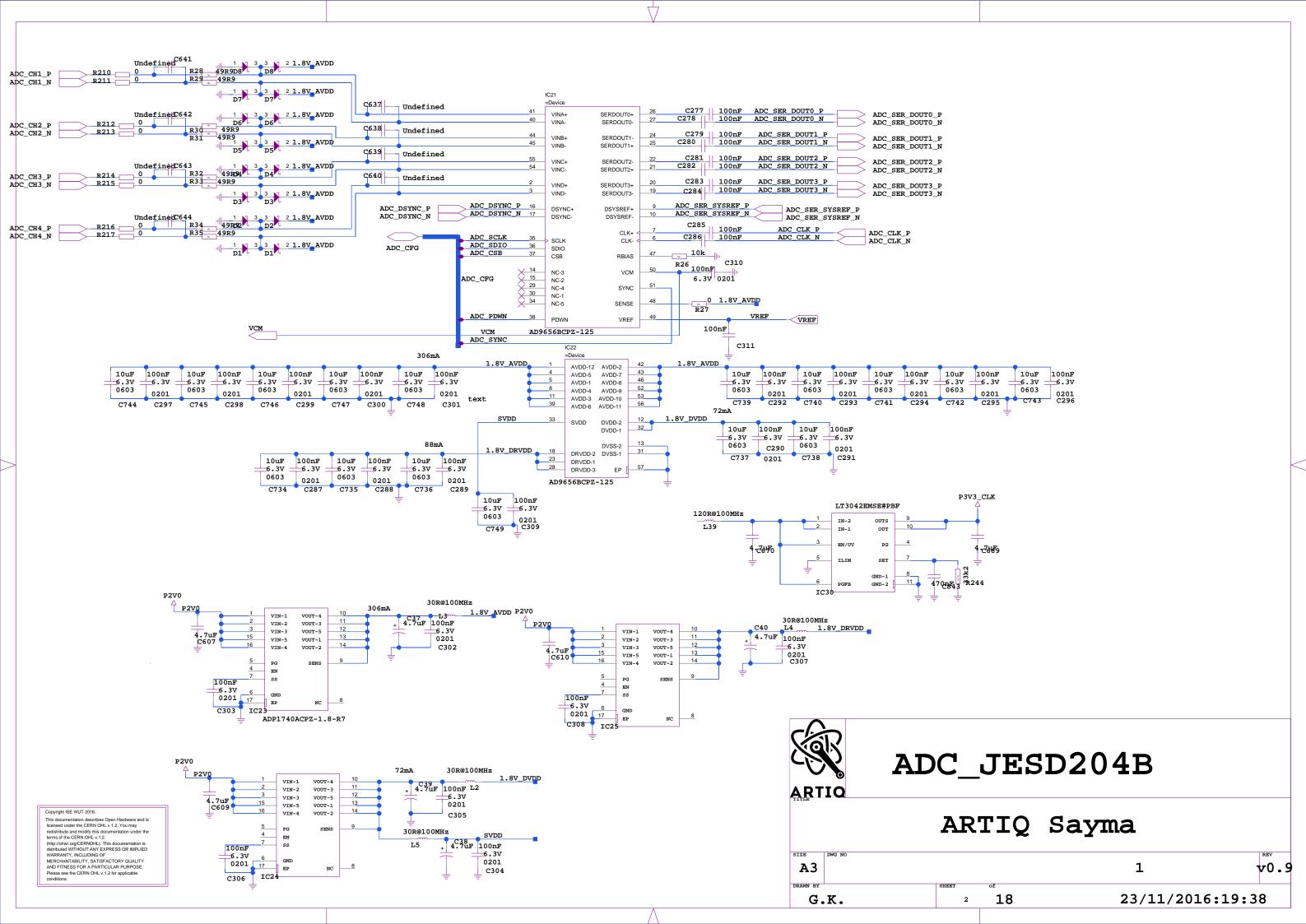


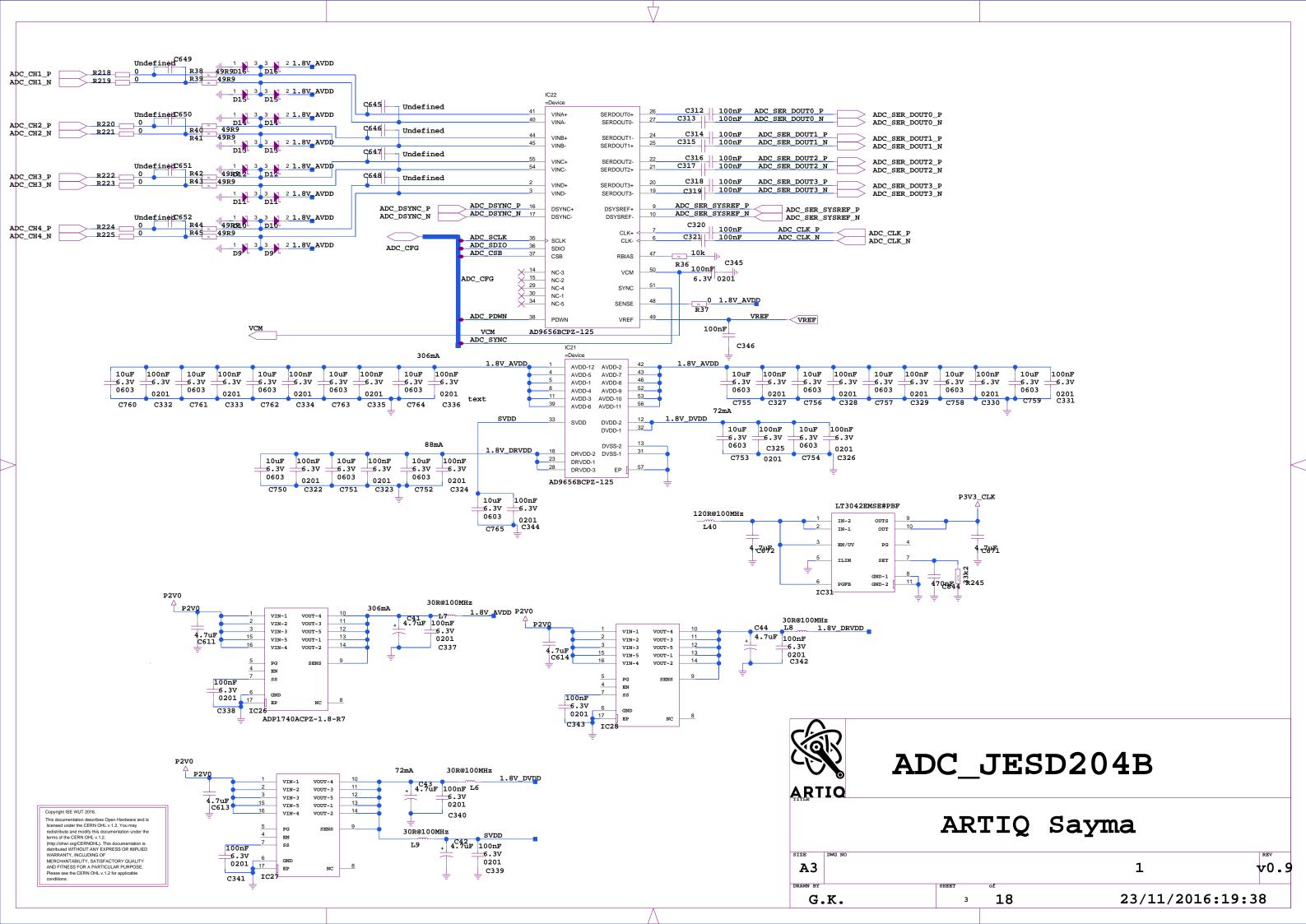
23/11/2016:22:15

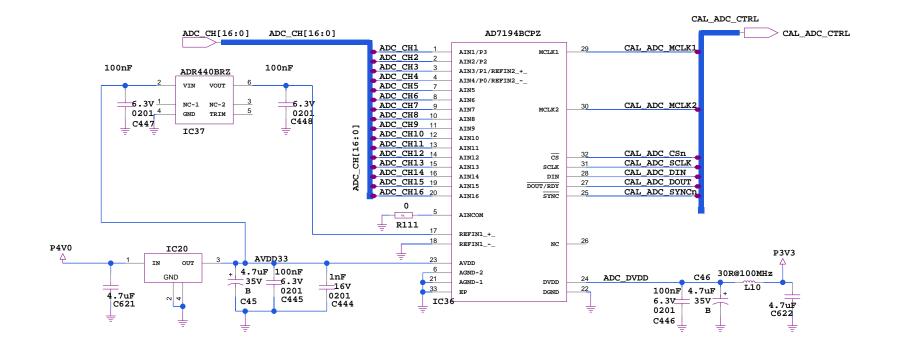
<sup>1</sup> 18

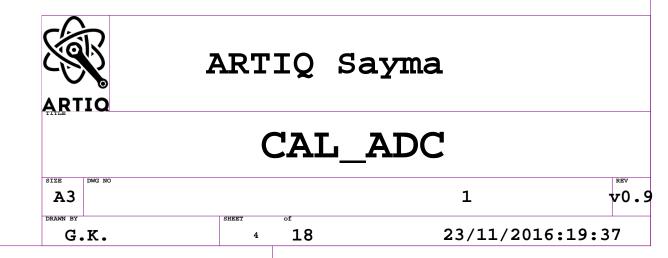
G.K.

Please see the CERN OHL v.1.2 for applicable

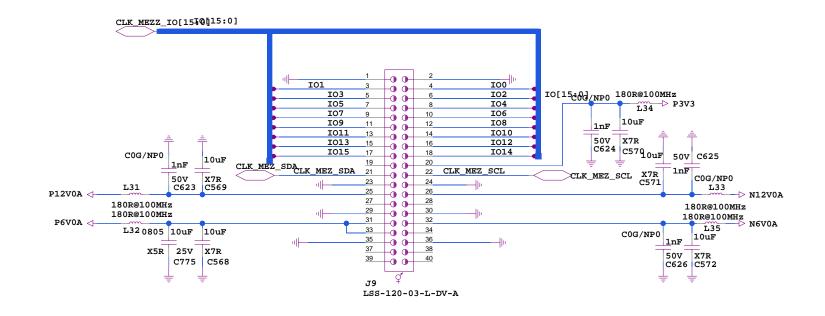


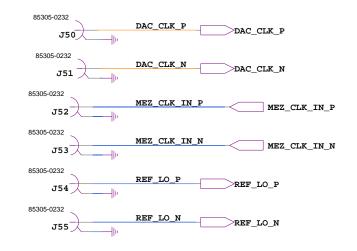




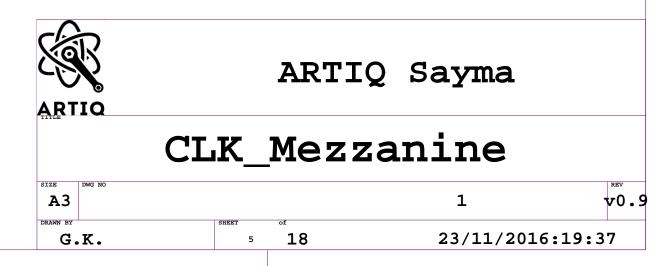


Copyright ISE WUT 2016.
This documentation describes Open Hardware and is licensed under the CERN OHL v.1.2. You may redistribute and modify this documentation under the terms of the CERN OHL v.1.2. (This produced with the common of the CERN OHL v.1.2. (Inttp://ohw.org/CERNOHL). This documentation is distributed WITHOUT ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING OF MERCHANTABILITY, SATISFACTORY QUALITY AND FITNESS FOR A PARTICULAR PURPOSE. Please see the CERN OHL v.1.2 for applicable conditions.



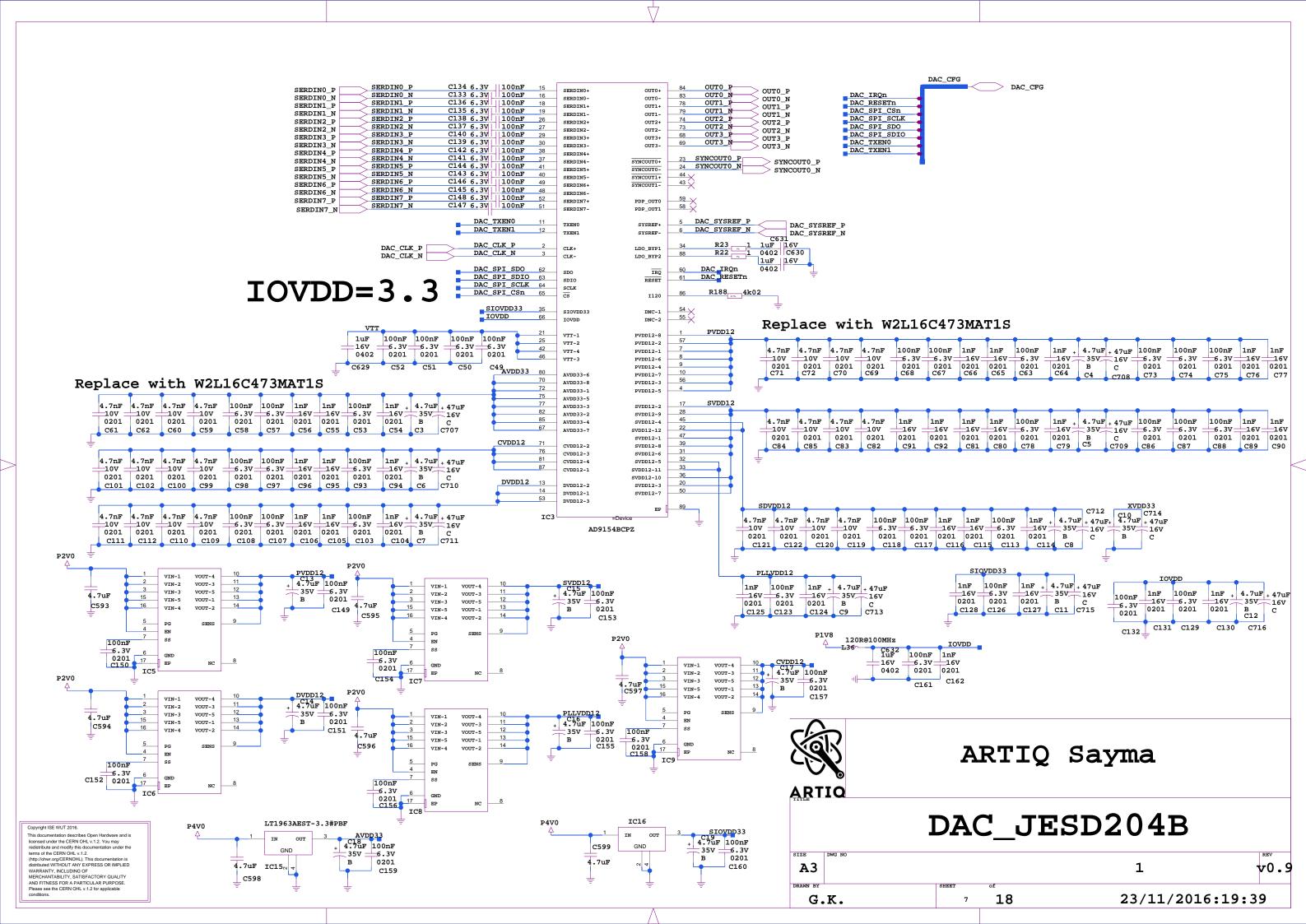


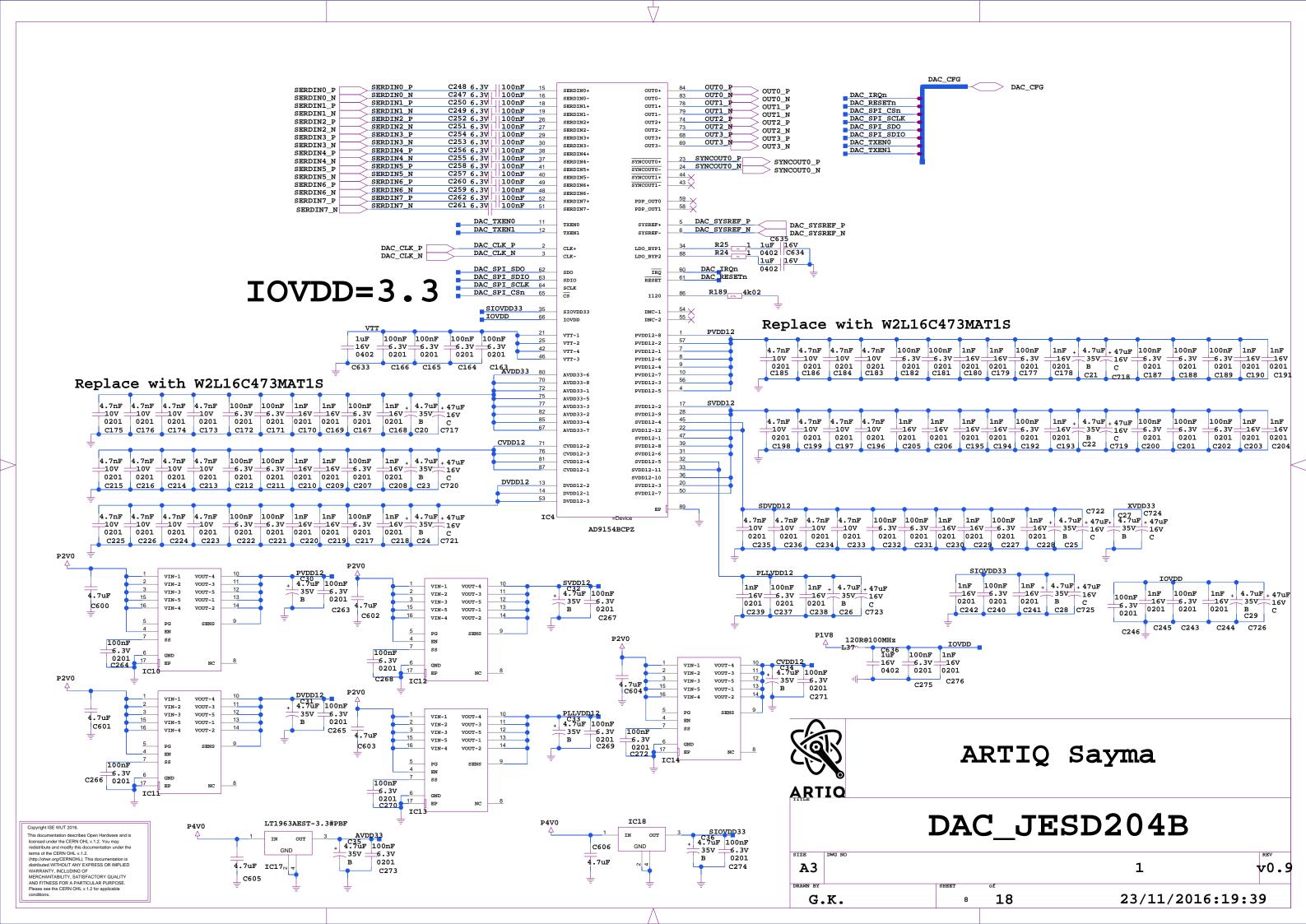
- +12VDC @ 200 mA, max 1 mV p-p noise in 20 Hz-20 MHz bandwidth
- -12VDC @ 50 mA, max 1 mV p-p noise in 20 Hz-20 MHz bandwidth
- +6VDC @ 1.5 A, max 1 mV p-p noise in 20 Hz-20 MHz bandwidth
- -6VDC rail @ 100 mA,max 1 mV p-p noise in 20 Hz-20 MHz bandwidth
- +3.3VDC @ 1 A, max 10 mV p-p noise in 20 Hz-20 MHz

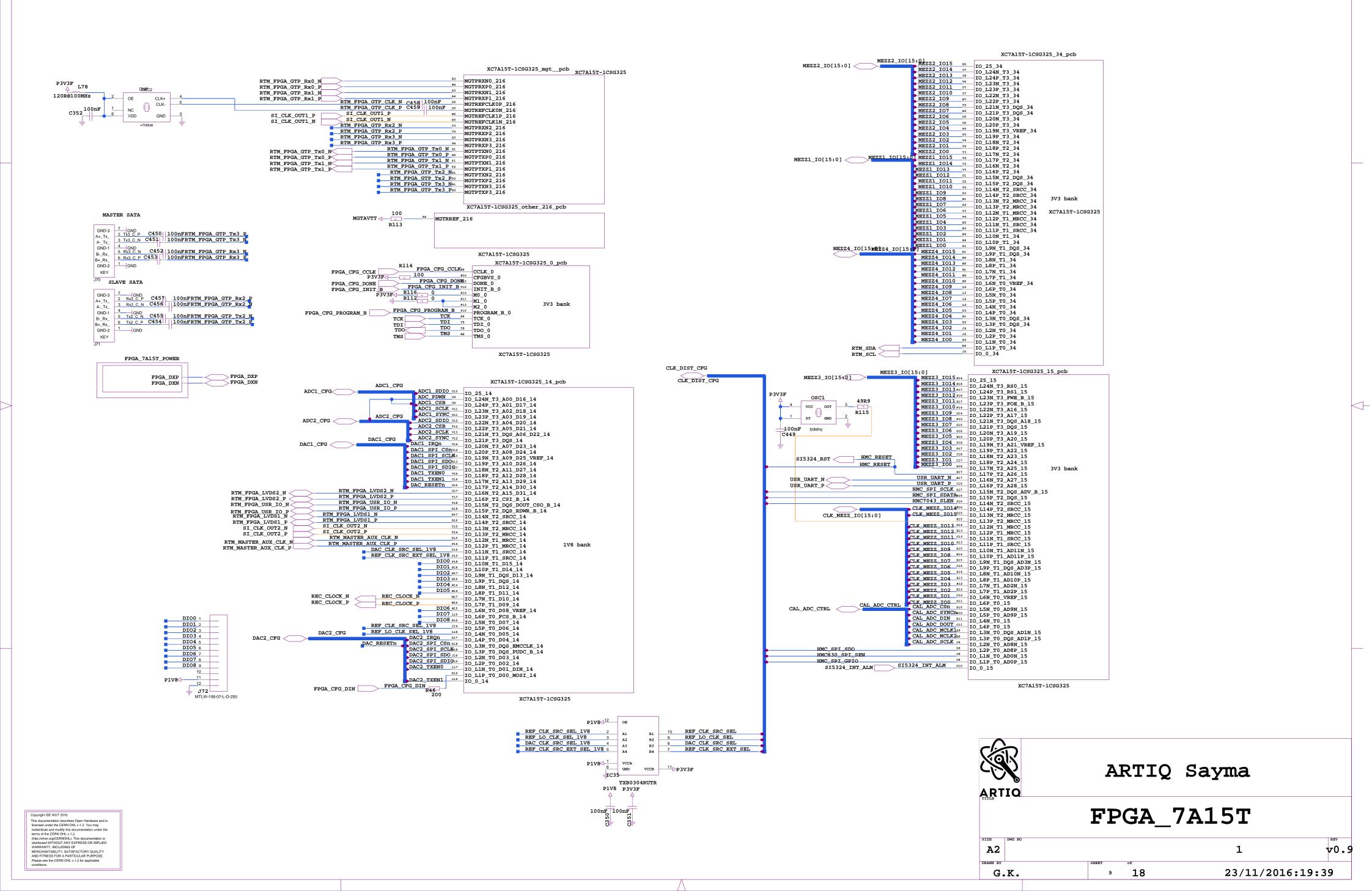


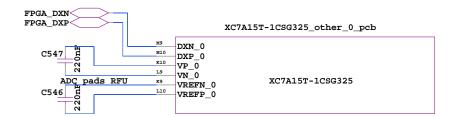
#### Copyright ISE WUT 2016.

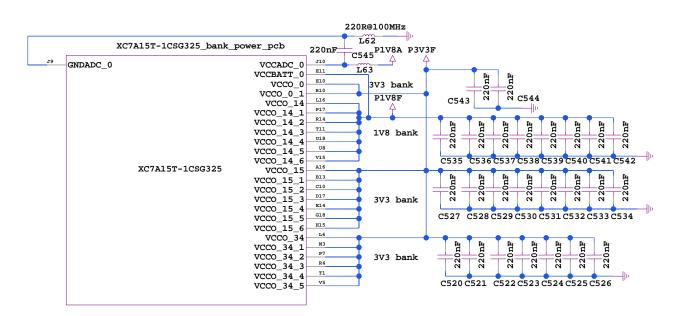
Copyright ISE WUT 2016. This documentation describes Open Hardware and is licensed under the CERN OHL v.1.2. You may redistribute and modify this documentation under the terms of the CERN OHL v.1.2. (http://ohw.org/CER/OHL). This documentation is distributed WITHOUT ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING OF MERCHANTABILITY, SATISFACTORY QUALITY AND FITNESS FOR A PARTICULAR PURPOSE. Please see the CERN OHL v.1.2 for applicable conditions.





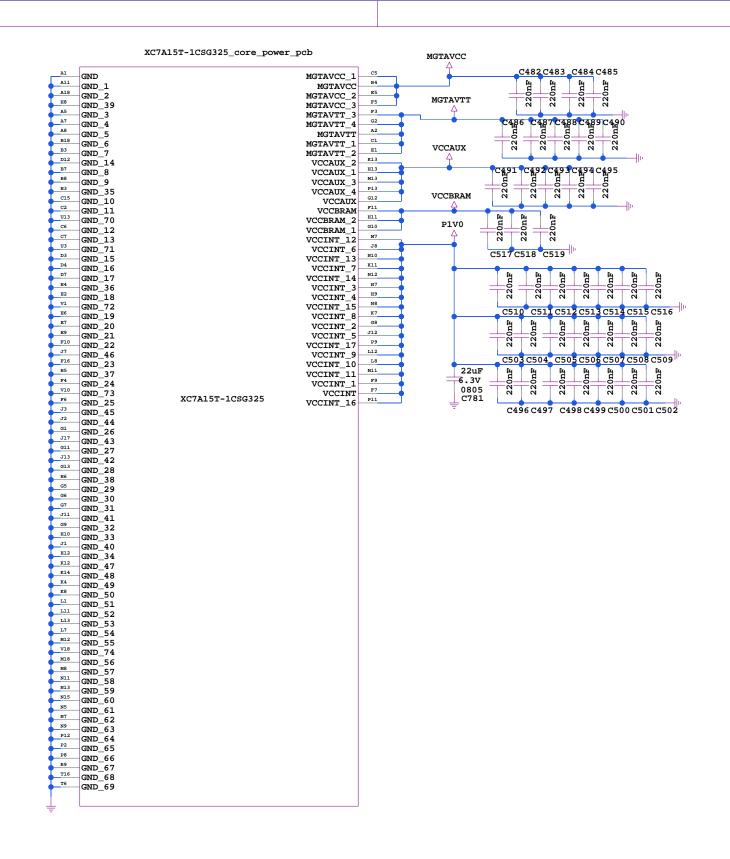


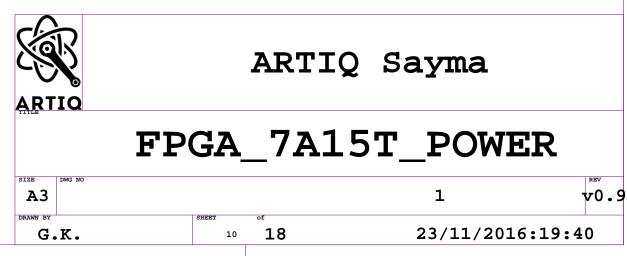


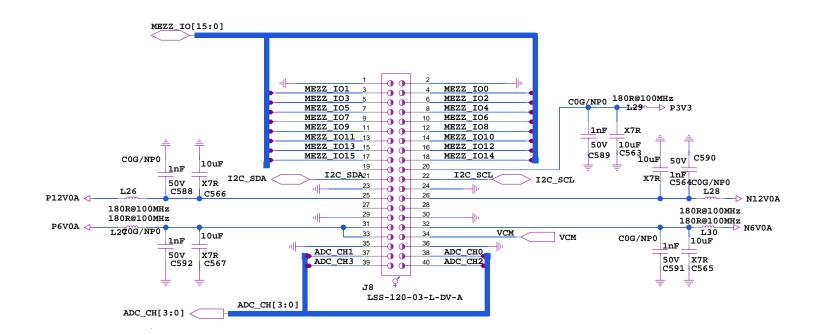


Copyright ISE WUT 2016.

This documentation describes Open Hardware and is licensed under the CERN OHL v.1.2. You may redistribute and modify this documentation under the terms of the CERN OHL v.1.2. (http://lohwr.org/CERNOHL). This documentation is distributed WITHOUT ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING OF MERCHANTABILITY, SATISFACTORY QUALITY AND FITNESS FOR A PARTICULAR PURPOSE. Please see the CERN OHL v.1.2 for applicable conditions.







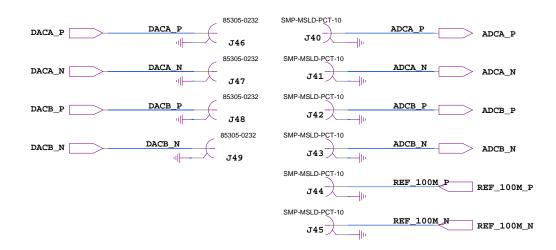
-12VDC @ 50 mA, max 1 mV p-p noise in 20 Hz-20 MHz bandwidth

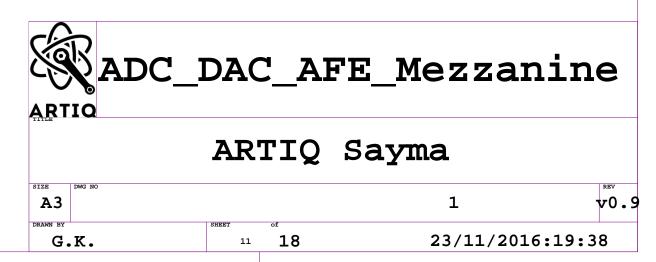
+6VDC @ 1.5 A, max 1 mV p-p noise in 20 Hz-20 MHz bandwidth

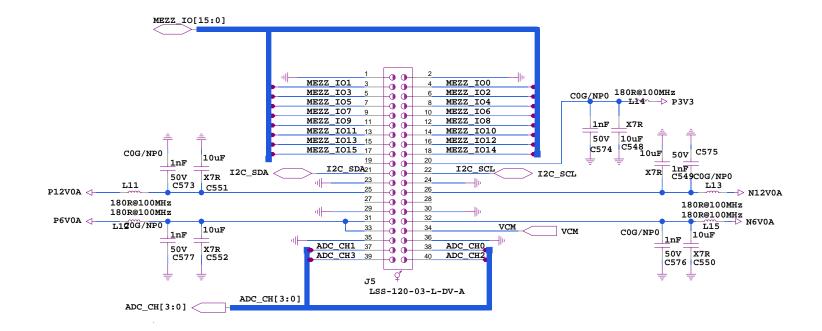
-6VDC rail @ 100 mA, max 1 mV p-p noise in 20 Hz-20 MHz bandwidth

+3.3VDC @ 1 A, max 10 mV p-p noise in 20 Hz-20 MHz

Copyright ISE WUT 2016.
This documentation describes Open Hardware and is licensed under the CERN OHL v.1.2. You may redistribute and modify this documentation under the terms of the CERN OHL v.1.2. (http://ohw.org/CERNOHL). This documentation is distributed WITHOUT ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING OF MERCHANTABILITY, SATISFACTORY QUALITY AND FITNESS FOR A PARTICULAR PURPOSE. Please see the CERN OHL v.1.2 for applicable conditions.







-12VDC @ 50 mA, max 1 mV p-p noise in 20 Hz-20 MHz bandwidth

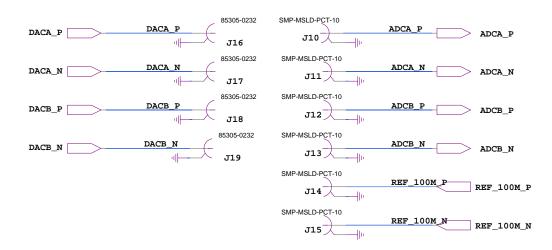
+6VDC @ 1.5 A, max 1 mV p-p noise in 20 Hz-20 MHz bandwidth

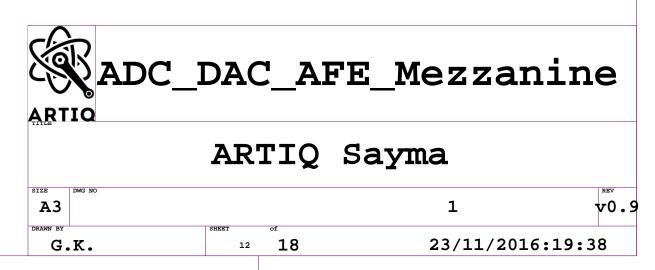
-6VDC rail @ 100 mA,max 1 mV p-p noise in 20 Hz-20 MHz bandwidth

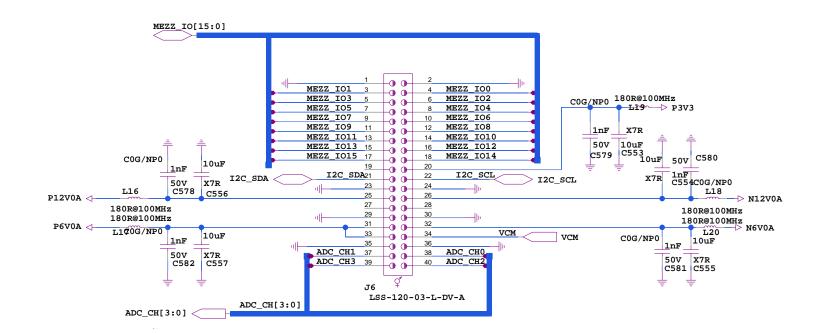
+3.3VDC @ 1 A, max 10 mV p-p noise in 20 Hz-20 MHz

Copyright ISE WUT 2016.

This documentation describes Open Hardware and is licensed under the CERN OHL v.1.2. You may redistribute and modify this documentation under the terms of the CERN OHL v.1.2. (http://ohw.org/CERNOHL). This documentation is distributed WITHOUT ANY EXPRESS OR IMPLIED WARRANTY, INCLIDING OF MERCHANTABILITY, SATISFACTORY QUALITY AND FITNESS FOR A PARTICULAR PURPOSE. Please see the CERN OHL v.1.2 for applicable conditions.







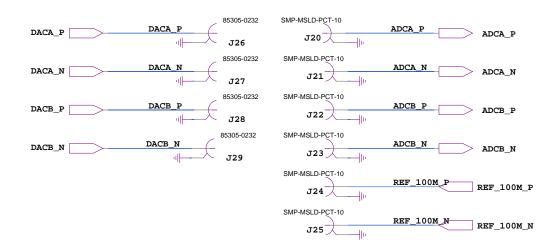
-12VDC @ 50 mA, max 1 mV p-p noise in 20 Hz-20 MHz bandwidth

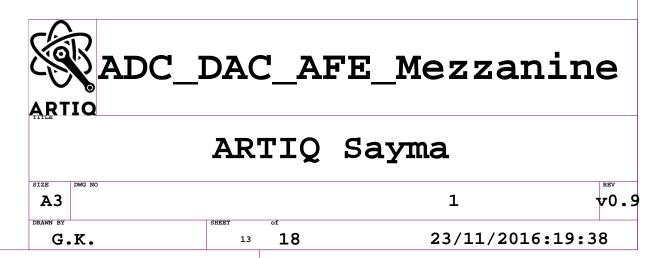
+6VDC @ 1.5 A, max 1 mV p-p noise in 20 Hz-20 MHz bandwidth

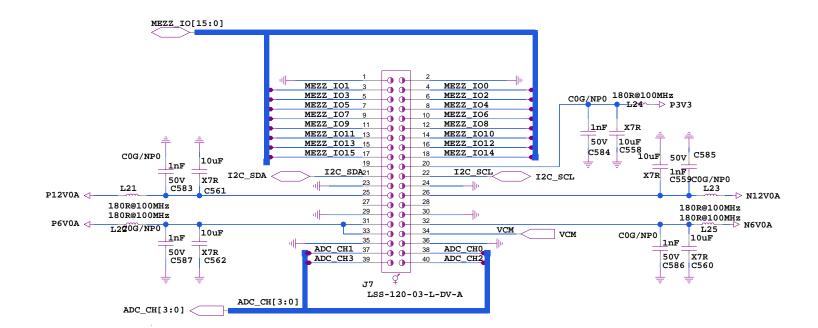
-6VDC rail @ 100 mA,max 1 mV p-p noise in 20 Hz-20 MHz bandwidth

+3.3VDC @ 1 A, max 10 mV p-p noise in 20 Hz-20 MHz

Copyright ISE WUT 2016.
This documentation describes Open Hardware and is licensed under the CERN OHL v.1.2. You may redistribute and modify this documentation under the terms of the CERN OHL v.1.2. (http://ohw.org/CERNOHL). This documentation is distributed WITHOUT ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING OF MERCHANTABILITY, SATISFACTORY QUALITY AND FITNESS FOR A PARTICULAR PURPOSE. Please see the CERN OHL v.1.2 for applicable conditions.







-12VDC @ 50 mA, max 1 mV p-p noise in 20 Hz-20 MHz bandwidth

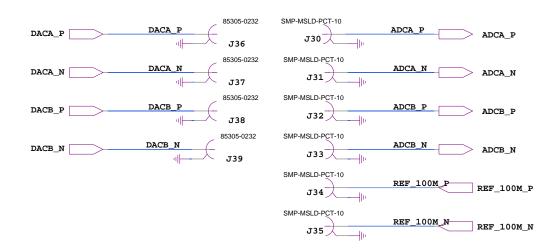
+6VDC @ 1.5 A, max 1 mV p-p noise in 20 Hz-20 MHz bandwidth

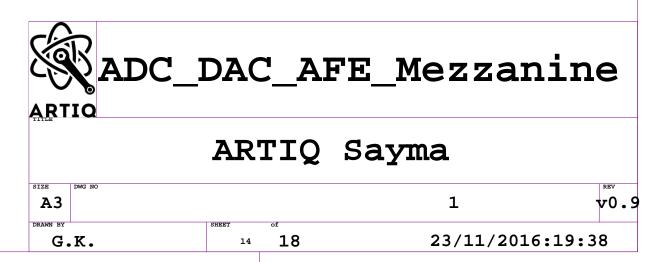
-6VDC rail @ 100 mA,max 1 mV p-p noise in 20 Hz-20 MHz bandwidth

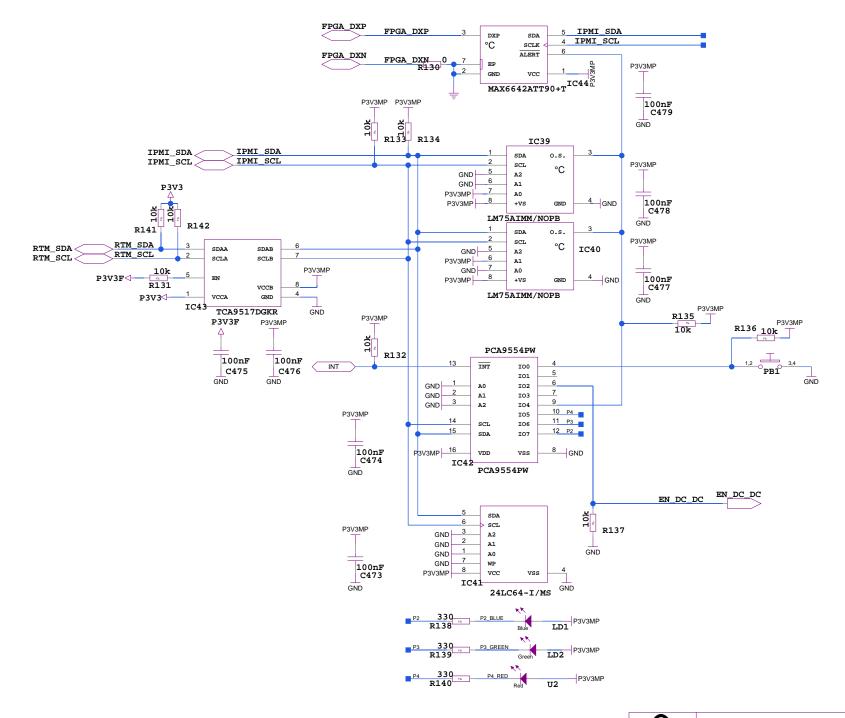
+3.3VDC @ 1 A, max 10 mV p-p noise in 20 Hz-20 MHz

Copyright ISE WUT 2016.

This documentation describes Open Hardware and is licensed under the CERN OHL v.1.2. You may redistribute and modify this documentation under the terms of the CERN OHL v.1.2. (http://ohw.org/CERNOHL). This documentation is distributed WITHOUT ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING OF MERCHANTABILITY, SATISFACTORY QUALITY AND FITNESS OR A PARTICULAR PURPOSE. Please see the CERN OHL v.1.2 for applicable conditions.



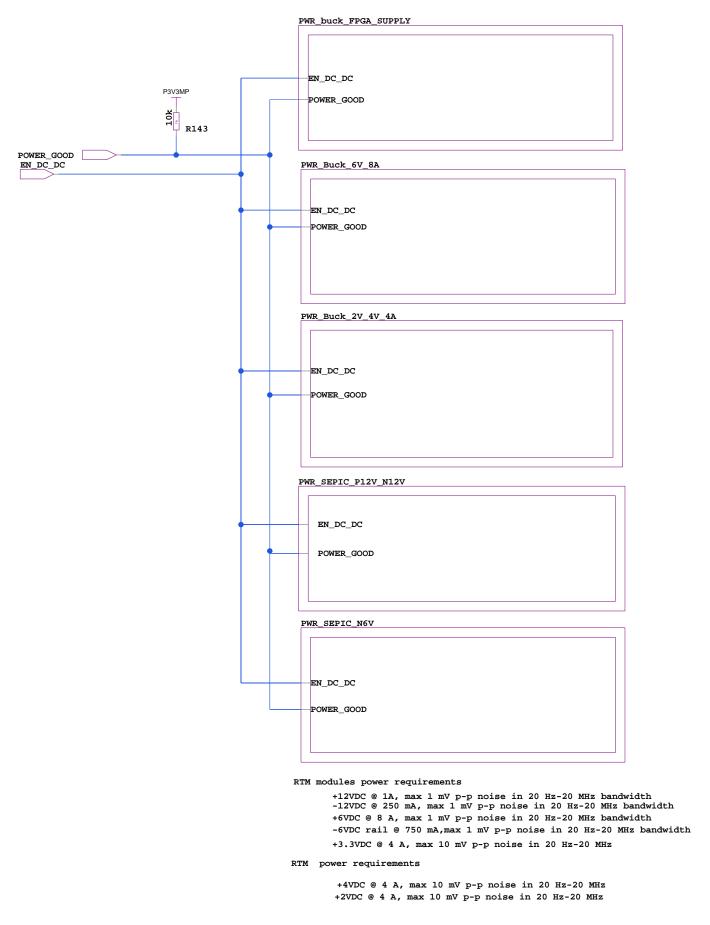




#### Copyright ISE WUT 2016.

Copyright ISE WUT 2016. This documentation describes Open Hardware and is licensed under the CERN OHL v.1.2. You may redstribute and modify this documentation under the terms of the CERN OHL v.1.2. (http://ohw.org/CERNOHL). This documentation is distributed WITHOUT ANY EXPRESS OR IMPLED WARRANTY, INCLUDING OF MERCHANTABILITY, SATISFACTORY QUALITY AND FITNESS FOR A PARTICULAR PURPOSE. Please see the CERN OHL v.1.2 for applicable conditions.

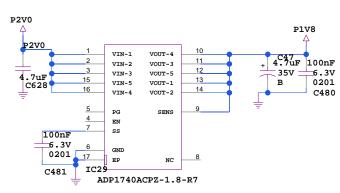
#### ARTIQ Sayma ARTIQ RTM\_IPMI SIZE 1 v0.9 **A**3 DRAWN BY 23/11/2016:19:45 G.K. 18 15

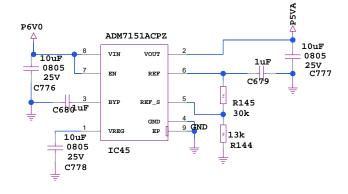


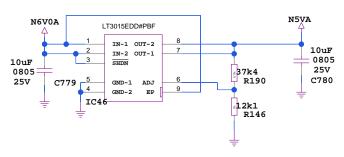
This documentation describes Open Hardware and is licensed under the CERN OHL v.1.2. You may redistribute and modify this documentation under the terms of the CERN OHL v.1.2.

terms of the CERN UHL V.1.Z.

(http://ohw.rog/CERNOHL). This documentation is distributed WITHOUT ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING OF MERCHANTABILITY, SATISFACTORY QUALITY AND FITNESS FOR A PARTICULAR PURPOSE. Please see the CERN OHL V.1.2 for applicable conditions.







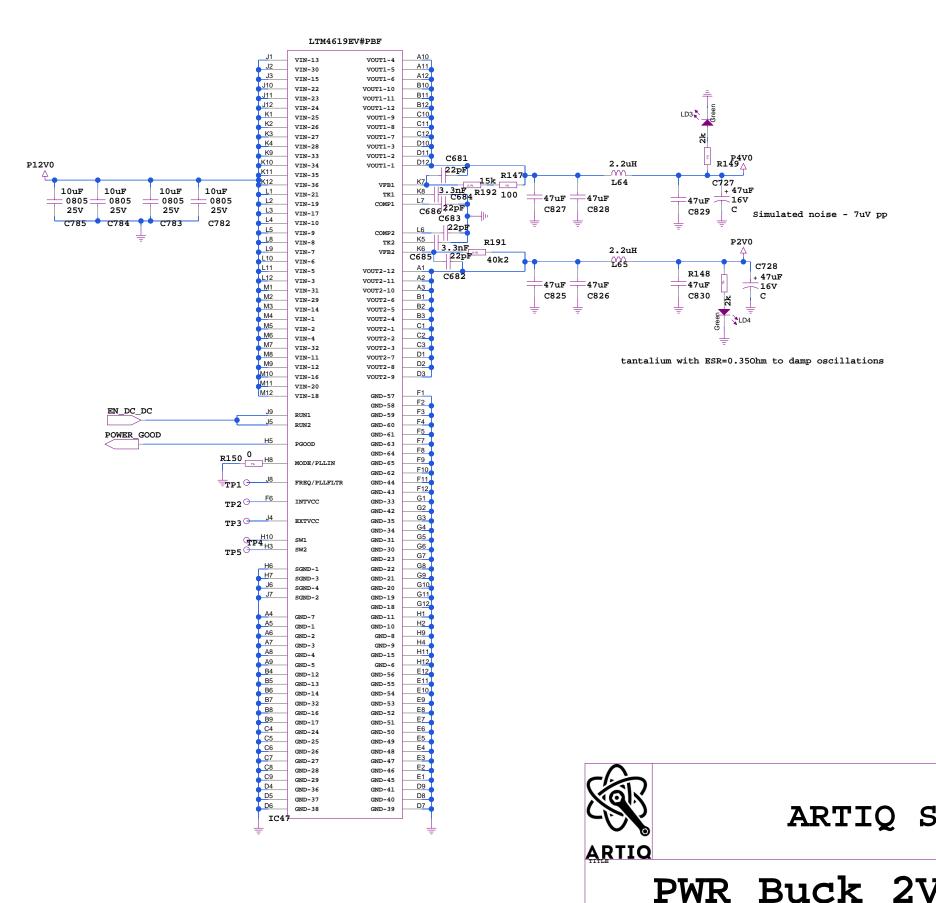


SIZE

### ARTIQ Sayma

## RTM\_POWER\_SUPPLY

v0.9 1 Α3 23/11/2016:19:45 G.K. 18



Copyright ISE WUT 2016

Copyright SE WOI 2016

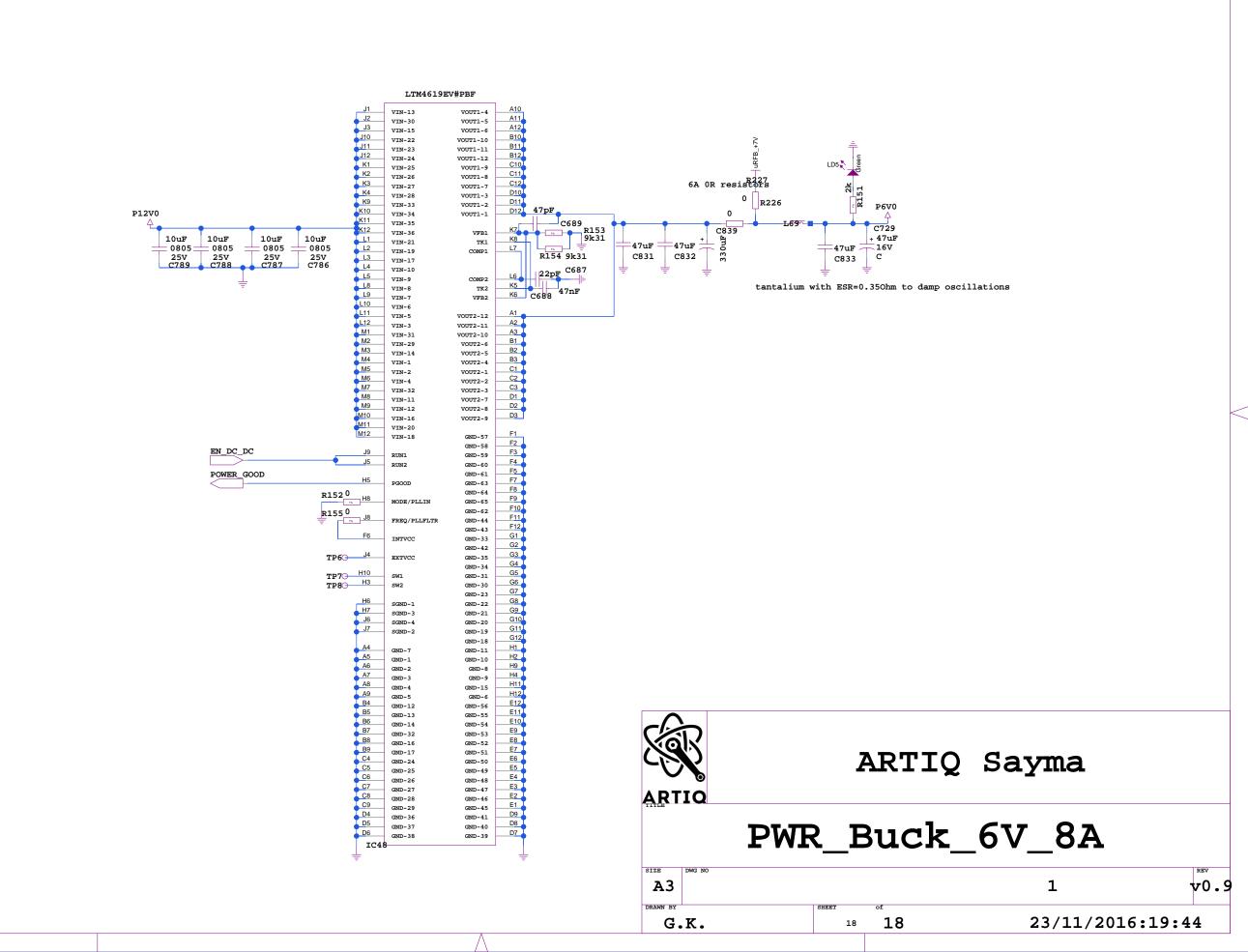
This documentation describes Open Hardware and is licensed under the CERN OHL v.1.2. You may redistribute and modify this documentation under the terms of the CERN OHL v.1.2. (http://ohw.org/CERNOHL). This documentation is distributed WITHOUT ANY EXPRESS OR IMPLED WARRANTY, INCLUDING OF

ARTIQ Sayma

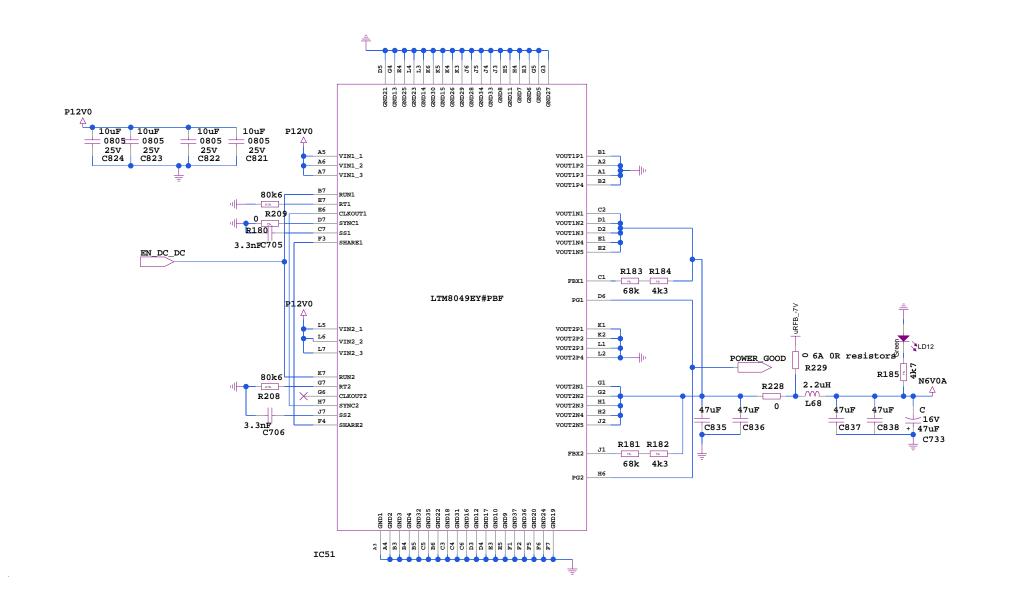
PWR\_Buck\_2V\_4V\_4A

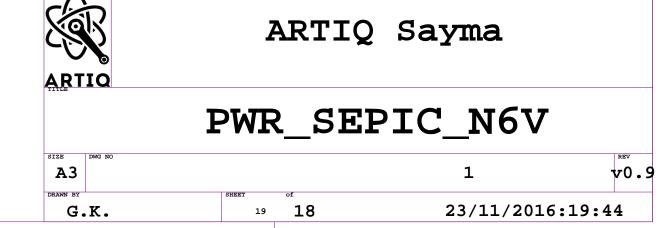
1 v0.9 **A**3

23/11/2016:19:44 G.K. 17



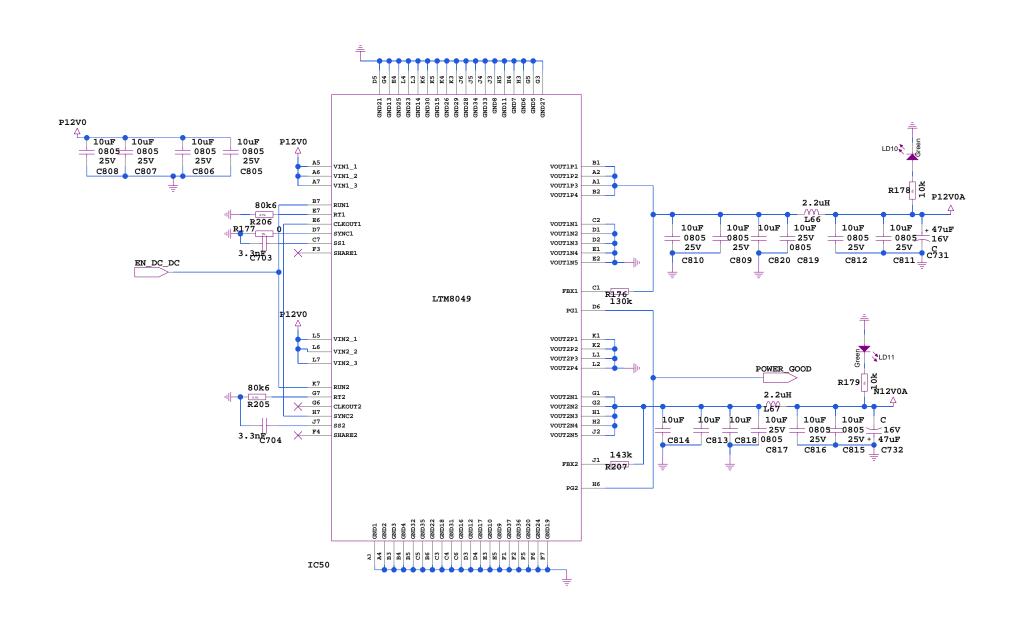
Copyright ISE WUT 2016.
This documentation describes Open Hardware and is licensed under the CERN OHL v.1.2. You may redistribute and modify this documentation under the terms of the CERN OHL v.1.2. (http://ohw.rog/CERNOHL). This documentation is distributed WITHOUT ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING OF MERCHANTABULTY, SANTISFACTORY QUALITY AND FITNESS FOR A PARTICULAR PURPOSE. Please see the CERN OHL v.1.2 for applicable conditions.

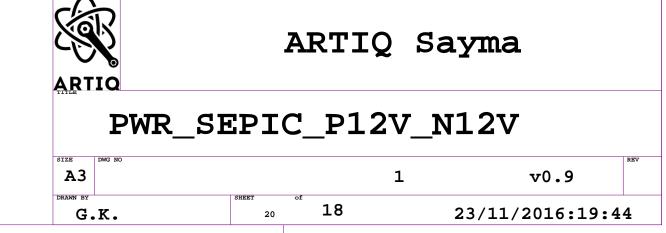




Copyright ISE WUT 2016.

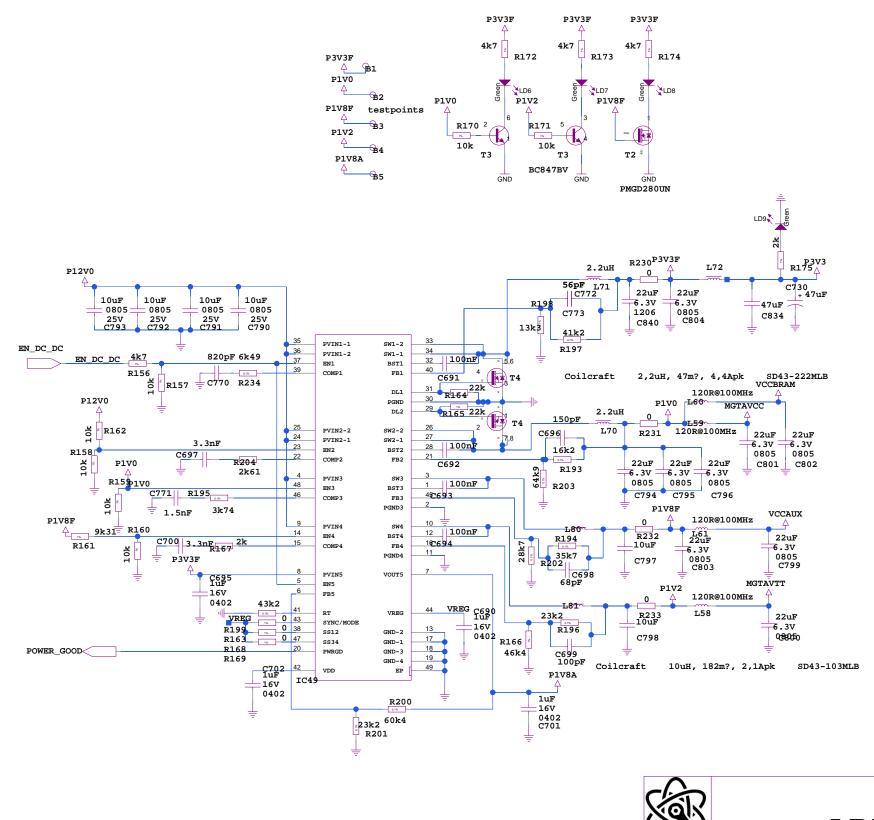
Copyright ISE WUT 2016.
This documentation describes Open Hardware and is licensed under the CERN OHL v.1.2. You may redistribute and mostly this documentation under the terms of the CERN OHL v.1.2. (http://ohwr.org/CERNOHL). This documentation is distributed WITHOUT ANY EXPRESS OR IMPLEED WARRANTY, INCLUDING OF MERCHANTABILITY, SATISFACTORY QUALITY AND FITNESS FOR A PARTICULAR PURPOSE. Please see the CERN OHL v.1.2 for applicable conditions.





Copyright ISE WUT 2016.

This documentation describes Open Hardware and is licensed under the CERN OHL v.1.2. You may redistribute and modify this documentation under the terms of the CERN OHL v.1.2. (http://ohw.rog/CERNOHL). This documentation is distributed WITHOUT ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING OF MERCHANTABILITY, SATISFACTORY QUALITY AND ETITNESS FOR A PARTICULAR PURPOSE. Please see the CERN OHL v.1.2 for applicable conditions.



This documentation describes Open Hardware and is licensed under the CERN OHL v.1.2. You may redistribute and modify this documentation under the terms of the CERN OHL v.1.2. terms of the CERN OHL V.1.Z.

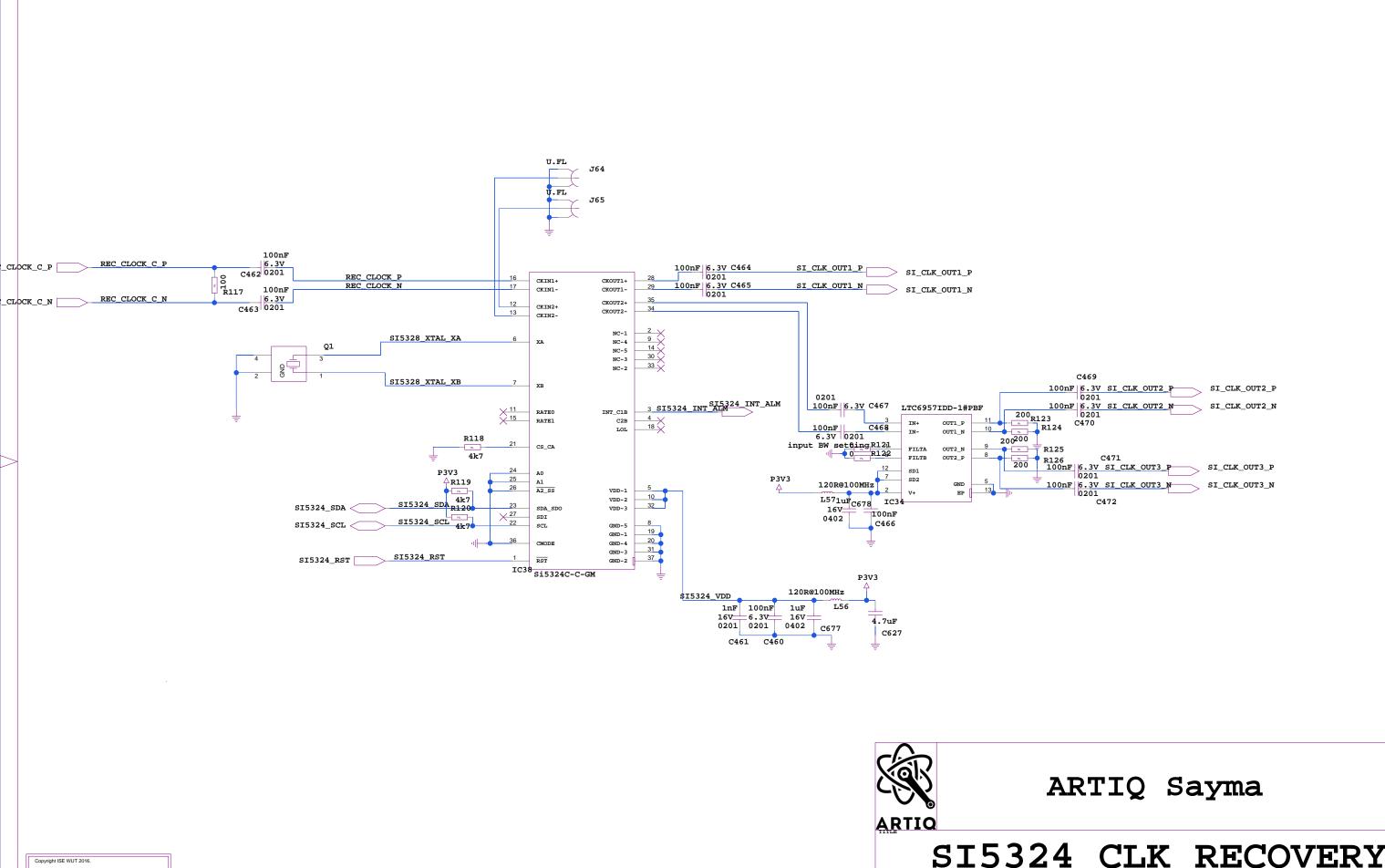
(http://ohw.rog/CERNOHL). This documentation is distributed WITHOUT ANY EXPRESS OR IMPLIED WARRANT, INCLUDING OF MERCHANTABILITY, SATISFACTORY QUALITY AND FITNESS FOR A PARTICULAR PURPOSE. Please see the CERN OHL V.1.2 for applicable conditions.

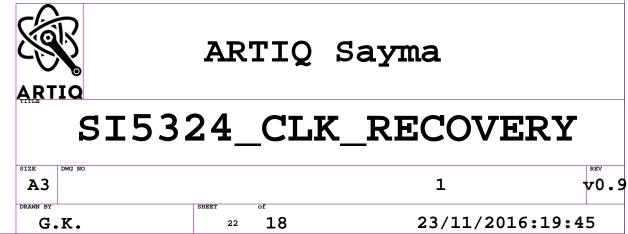
SIZE

#### ARTIQ Sayma

## PWR\_buck\_FPGA\_SUPPLY

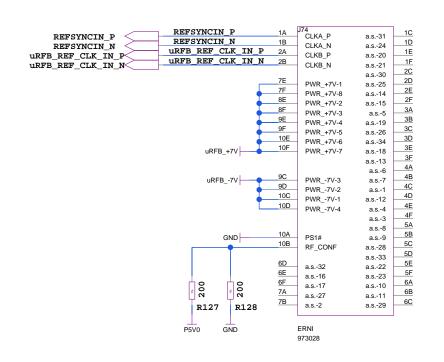
1 v0.9 **A**3 23/11/2016:20:03 G.K. 18 21

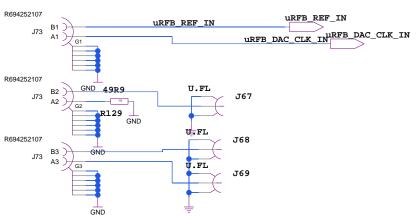




Copyingn Ise WOI 2016.

This documentation describes Open Hardware and is licensed under the CERN OHL v.1.2. You may redistribute and modify this documentation under the terms of the CERN OHL v.1.2. (http://ohwr.org/CERNOHL). This documentation is distributed WITHOUT ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING OF MERCHANTABILITY, SATISFACTORY QUALITY AND FITNESS FOR A PARTICULAR PURPOSE. Please see the CERN OHL v.1.2 for applicable conditions.





# Copyright ISE WUT 2016. This documentation describes Open Hardware and is licensed under the CERN OHL v.1.2. You may redistribute and modily this documentation under the terms of the CERN OHL v.1.2. (http://ohw.org/CERNOHL). This documentation is distributed WITHOUT ANY EXPRESS OR IMPLIED WARRANT, INCLUDING OF MERCHANTABILITY, SATISFACTORY QUALITY AND FITNESS FOR A PARTICULAR PURPOSE. Please see the CERN OHL v.1.2 for applicable

ARTIQ Sayma

SIZE DWG NO
A3

DRAWN BY
G.K.

SHEET OF
23 18 23/11/2016:19:47

