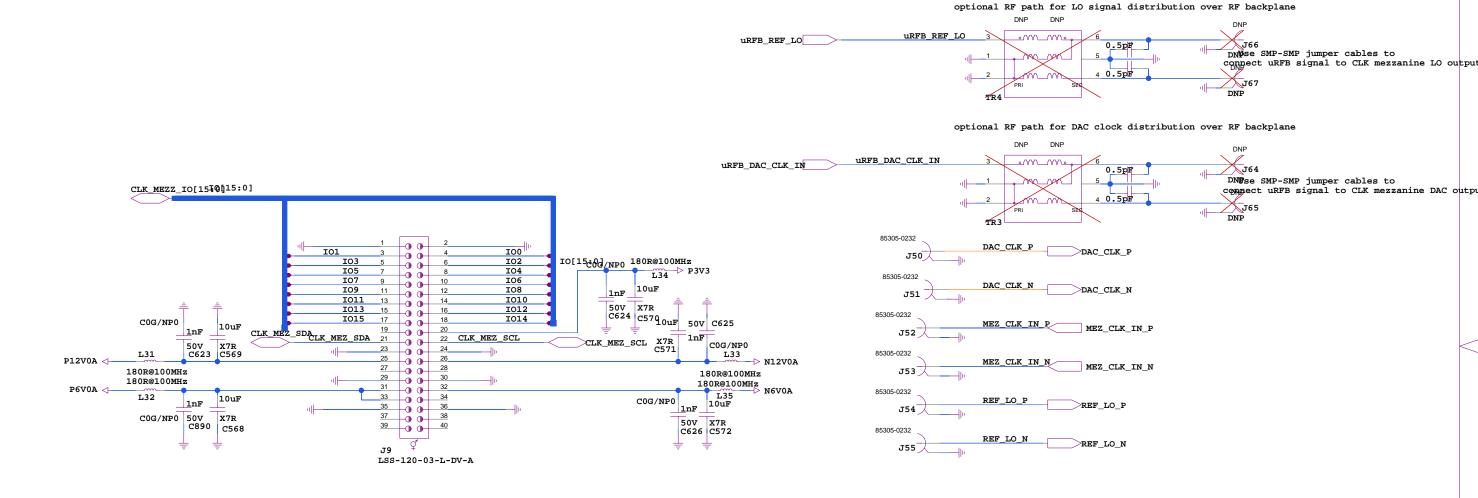


Copyright ISE WUT 2016.
This documentation describes Open Hardware and is licensed under the CERN OHL v.1.2. You may redistribute and modify this documentation under the terms of the CERN OHL v.1.7. In: documentation is distributed WITHOUT ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING OF MERCHANTABILITY, SATISFACTORY QUALITY AND FITNESS FOR A PARTICULAR PURPOSE. Please see the CERN OHL v.1.2 for applicable conditions.

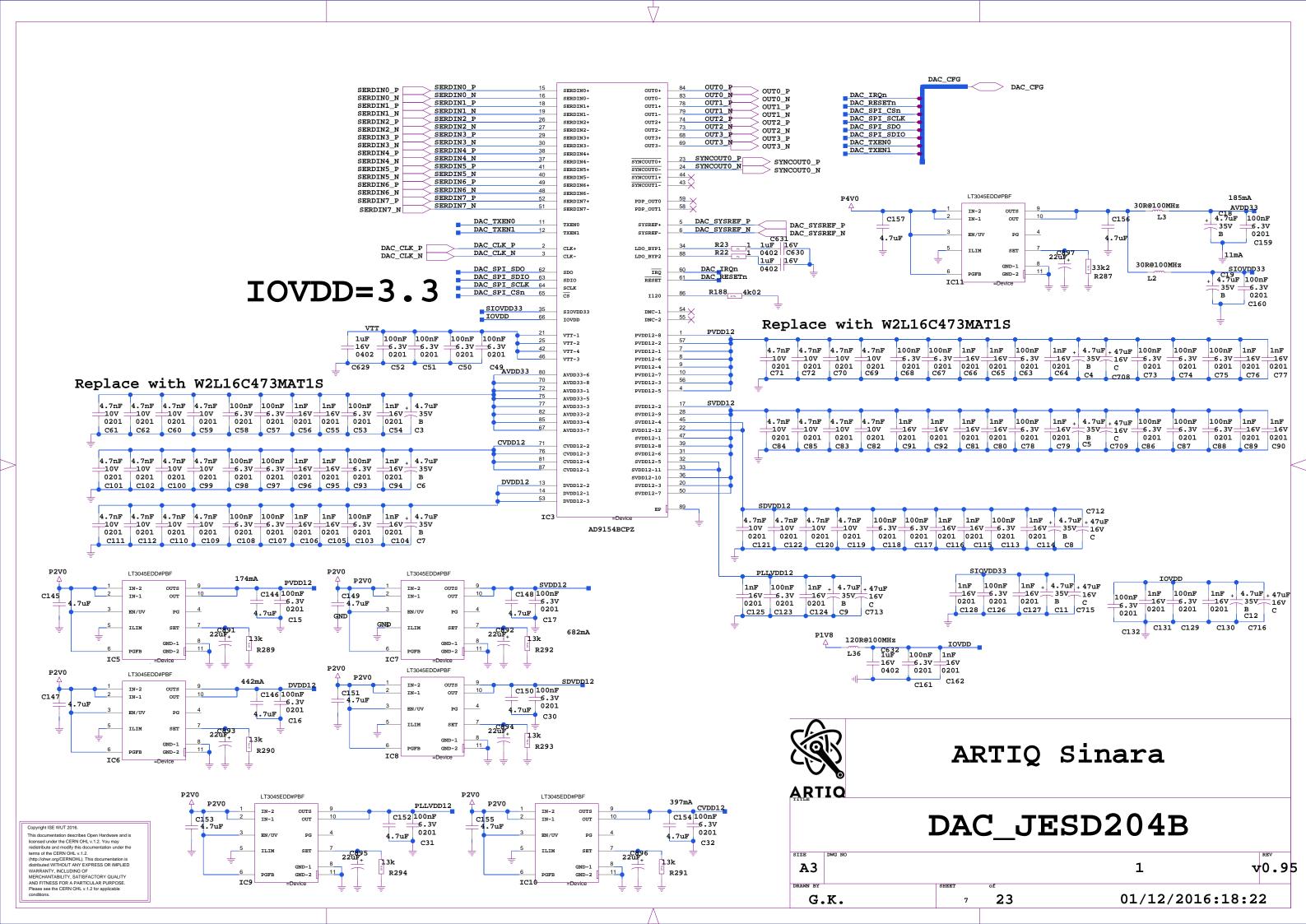


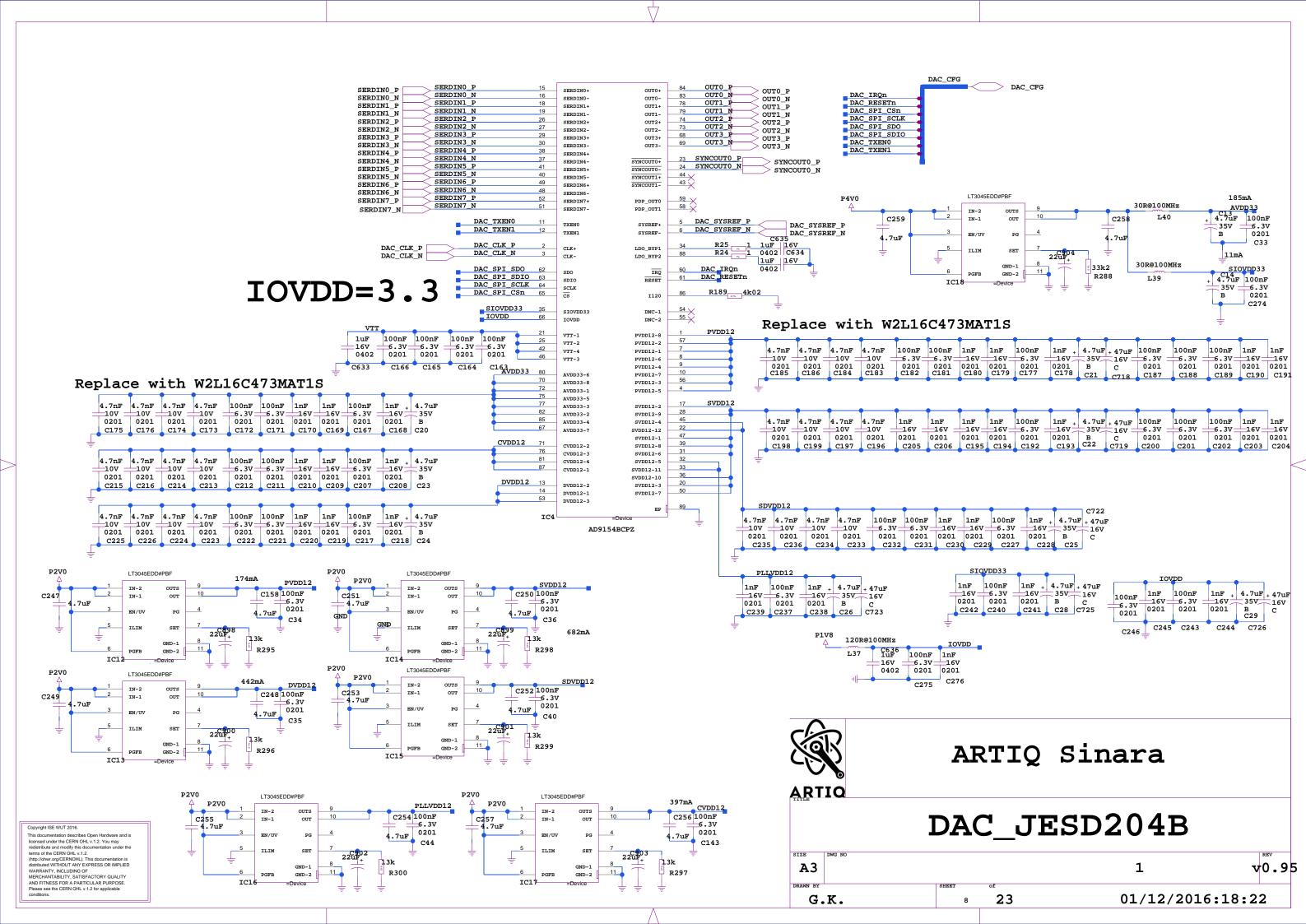
- +12VDC @ 200 mA, max 1 mV p-p noise in 20 Hz-20 MHz bandwidth
- -12VDC @ 50 mA, max 1 mV p-p noise in 20 Hz-20 MHz bandwidth
- +6VDC @ 1.5 A, max 1 mV p-p noise in 20 Hz-20 MHz bandwidth
- -6VDC rail @ 100 mA,max 1 mV p-p noise in 20 Hz-20 MHz bandwidth
- +3.3VDC @ 1 A, max 10 mV p-p noise in 20 Hz-20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

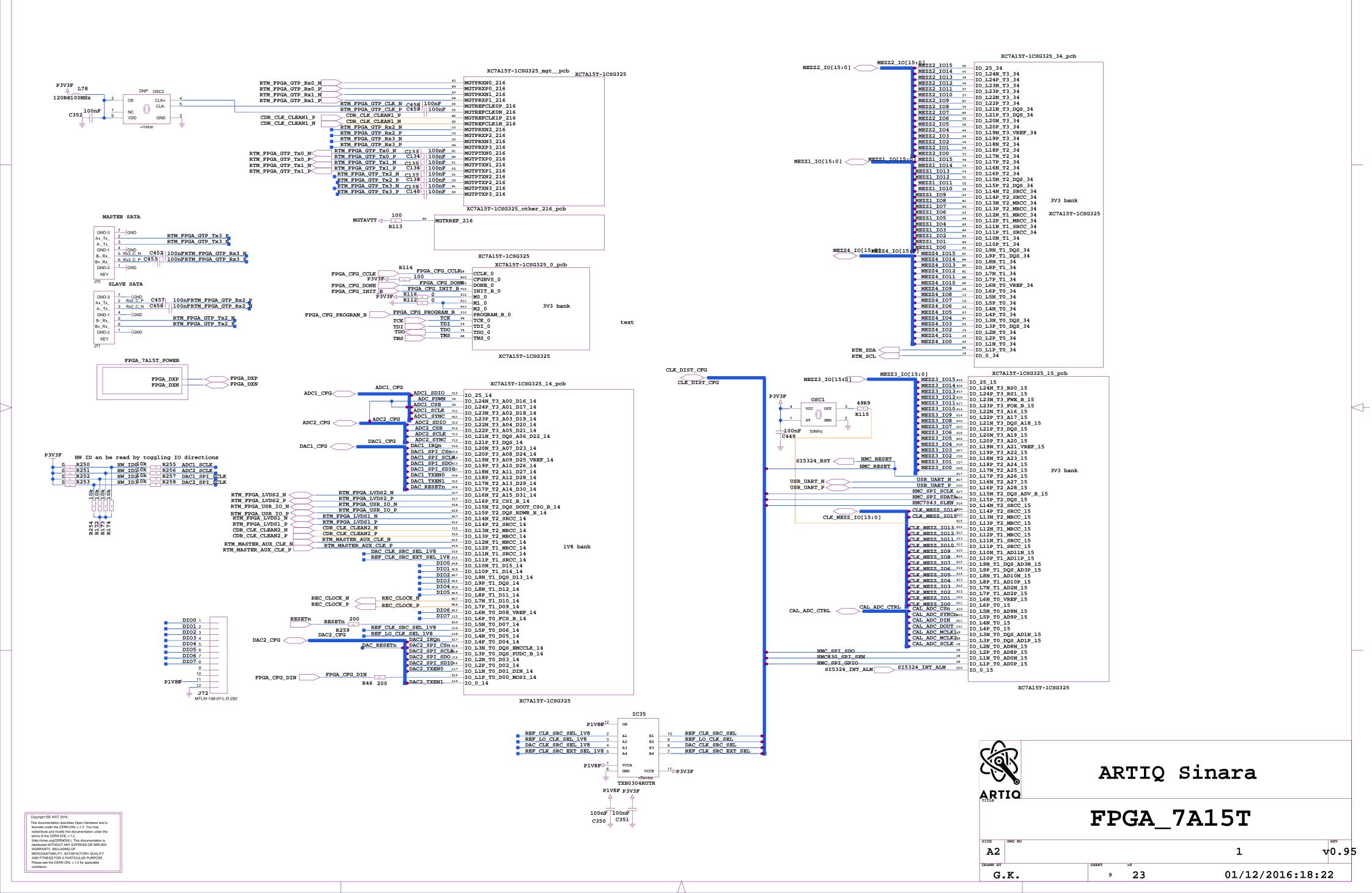


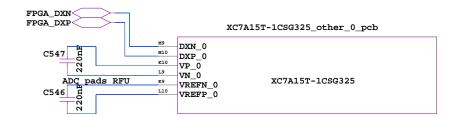
Copyright ISE WUT 2016.

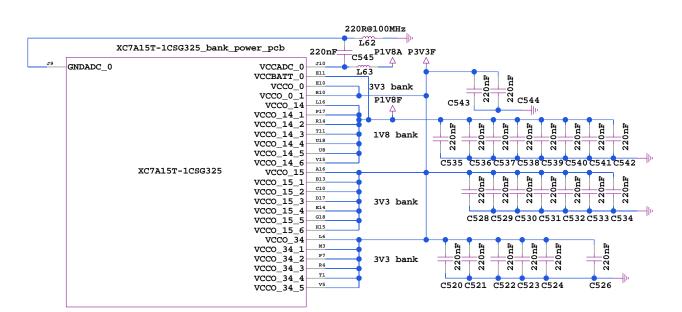
This documentation describes Open Hardware and is licensed under the CERN OHL v.1.2. You may redistribute and modify this documentation under the terms of the CERN OHL v.1.2. (http://ohw.org/CERNOHL). This documentation is distributed with THOUT ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING OF MERCHANTABULTY, SATISFACTORY QUALITY AND FITNESS FOR A PARTICULAR PURPOSE. Please see the CERN OHL v.1.2 for applicable conditions.











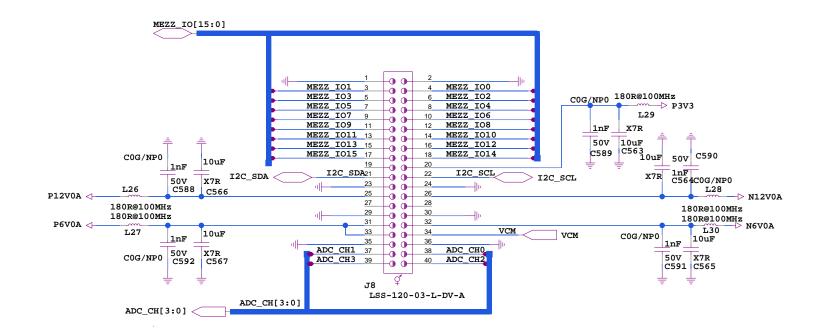
ARTIQ Sinara

FPGA_7A15T_POWER

FPGA_7A15T_POWER

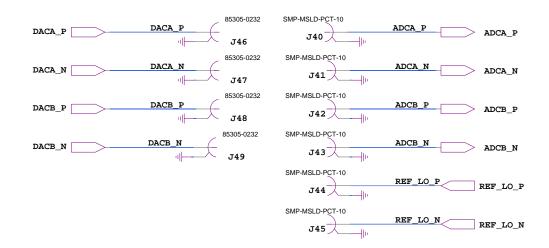
SIZE DAY 10 DAY

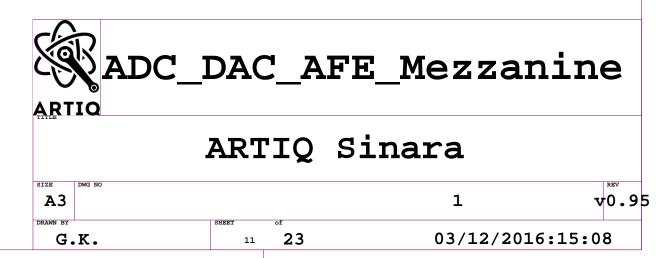


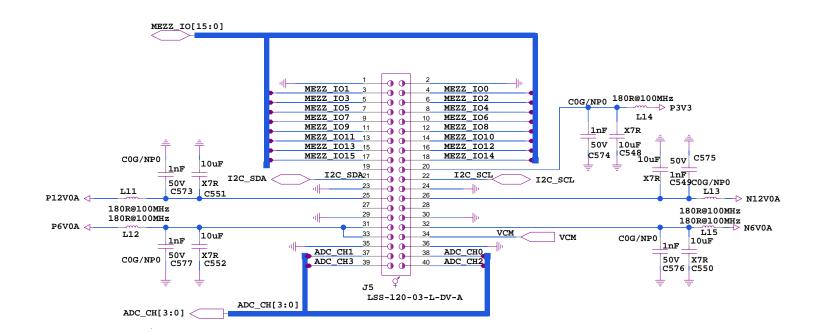


- +12VDC @ 200 mA, max 1 mV p-p noise in 20 Hz-20 MHz bandwidth
- -12VDC @ 50 mA, max 1 mV p-p noise in 20 Hz-20 MHz bandwidth
- +6VDC @ 1.5 A, max 1 mV p-p noise in 20 Hz-20 MHz bandwidth -6VDC rail @ 100 mA,max 1 mV p-p noise in 20 Hz-20 MHz bandwidth
- +3.3VDC @ 1 A, max 10 mV p-p noise in 20 Hz-20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

Copyright ISE WUT 2016.
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 @ 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

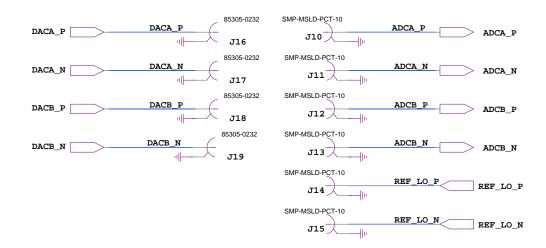
+6VDC @ 1.5 A, max 1 mV p-p noise in 20 Hz-20 MHz bandwidth

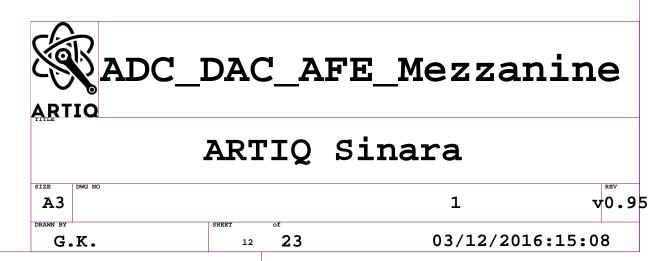
-6VDC rail @ 100 mA,max 1 mV p-p noise in 20 Hz-20 MHz bandwidth

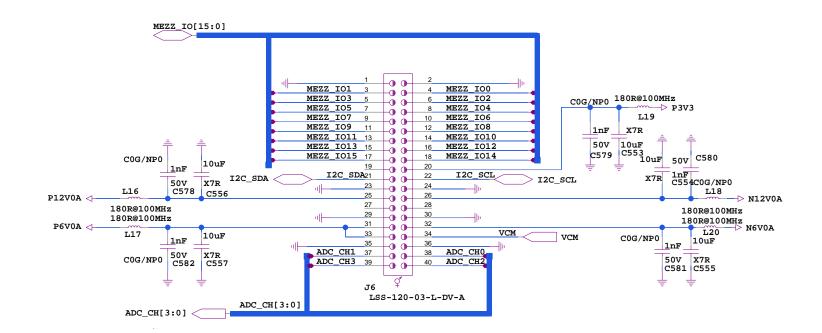
+3.3VDC @ 1 A, max 10 mV p-p noise in 20 Hz-20 MHz

Copyright ISE WUT 2016.

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.1.2. terms of the CERN OHL v.1.2. distributed with OHL 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 @ 200 mA, max 1 mV p-p noise in 20 Hz-20 MHz bandwidth

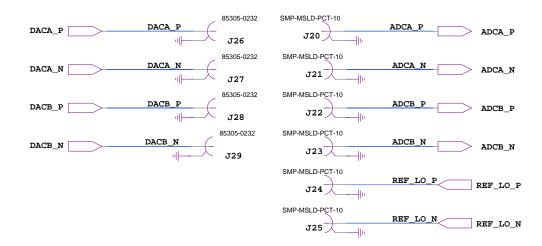
-12VDC @ 50 mA, max 1 mV p-p noise in 20 Hz-20 MHz bandwidth

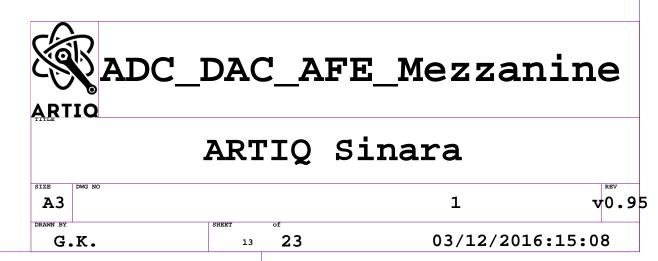
+6VDC @ 1.5 A, max 1 mV p-p noise in 20 Hz-20 MHz bandwidth

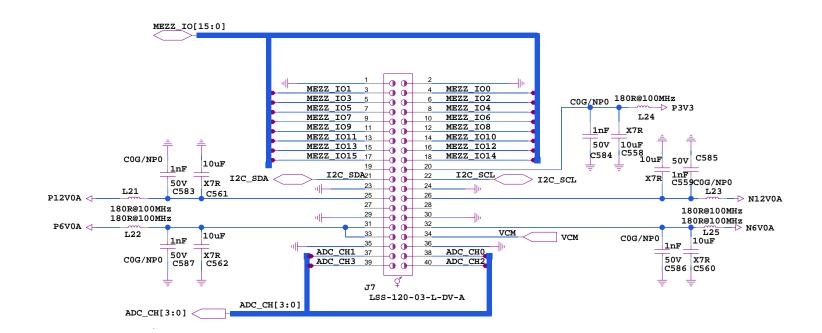
-6VDC rail @ 100 mA, max 1 mV p-p noise in 20 Hz-20 MHz bandwidth

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

Copyright ISE WUT 2016 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 WARRAN I Y, INCLUDING OF MERCHANTABILITY, SATISFACTORY QUALITY AND FITNESS FOR A PARTICULAR PURPOSE. Please see the CERN OHL v.1.2 for applicable







+12VDC @ 200 mA, max 1 mV p-p noise in 20 Hz-20 MHz bandwidth

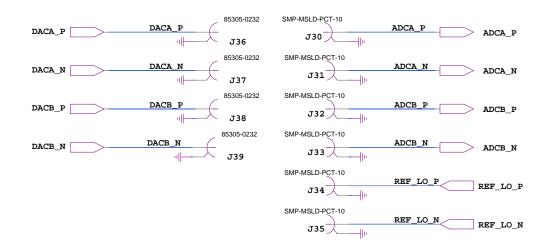
-12VDC @ 50 mA, max 1 mV p-p noise in 20 Hz-20 MHz bandwidth

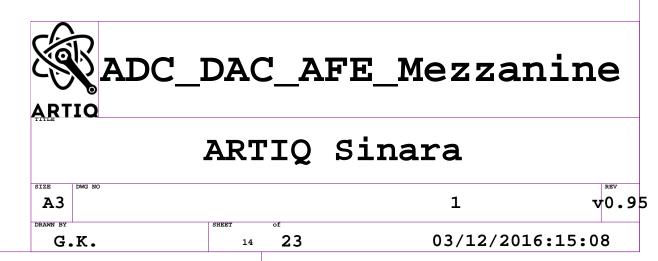
+6VDC @ 1.5 A, max 1 mV p-p noise in 20 Hz-20 MHz bandwidth

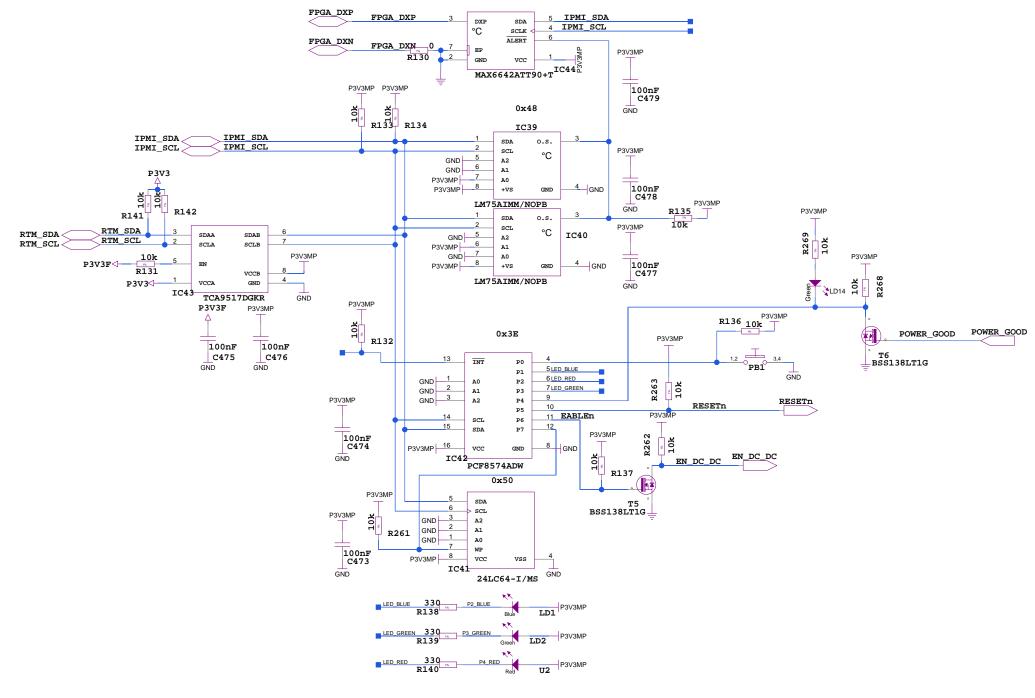
-6VDC rail @ 100 mA, max 1 mV p-p noise in 20 Hz-20 MHz bandwidth

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

Copyright ISE WUT 2016 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 WARRAN I Y, INCLUDING OF MERCHANTABILITY, SATISFACTORY QUALITY AND FITNESS FOR A PARTICULAR PURPOSE. Please see the CERN OHL v.1.2 for applicable







check addres es artiq sinara

Copyright ISE WUT 2016.

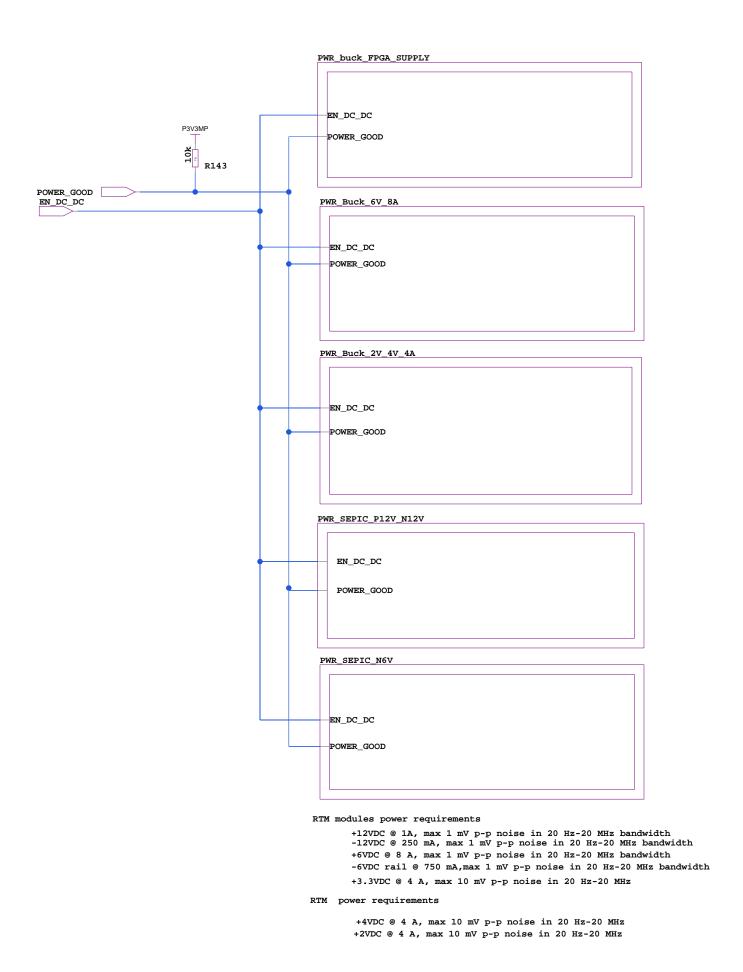
This documentation describes Open Hardware and is licensed under the CERN OHL v.1.2. You may redistribute and modify this documentation under the terms of the CERN OHL v.1.2. (http://ohw.rorg/CERNOHL). This documentation is distributed WITHOUT ANY EXPRESS OR IMPLIED WARRANTY, INCLUDINS OF MERCHANTABILITY,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

RTM_IPMI

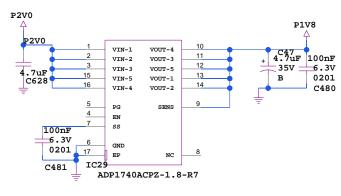
SIZE DWG NO

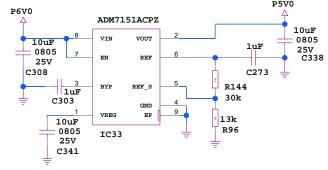
A3 1 v0.95

DRAWN BY OF 15 23 01/12/2016:18:22



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 IMPLED WARRANTY, INCLIDING OF MERCHANTABILITY, SAIDSFACTORY QUALITY AND FITNESS FOR A PARTICULAR PURPOSE. Please see the CERN OHL v.1.2 for applicable conditions.







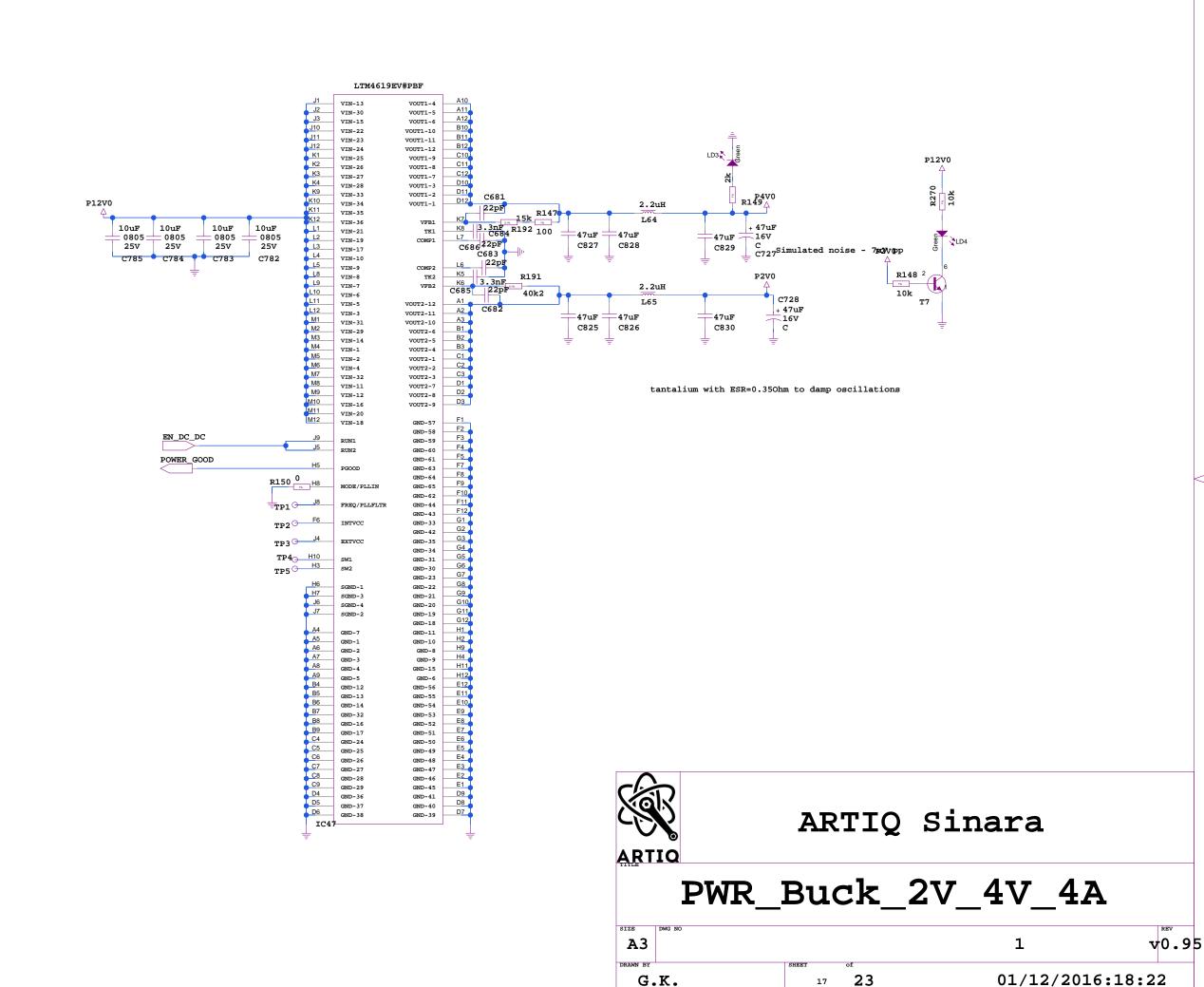
G.K.

ARTIQ Sinara

RTM_POWER_SUPPLY

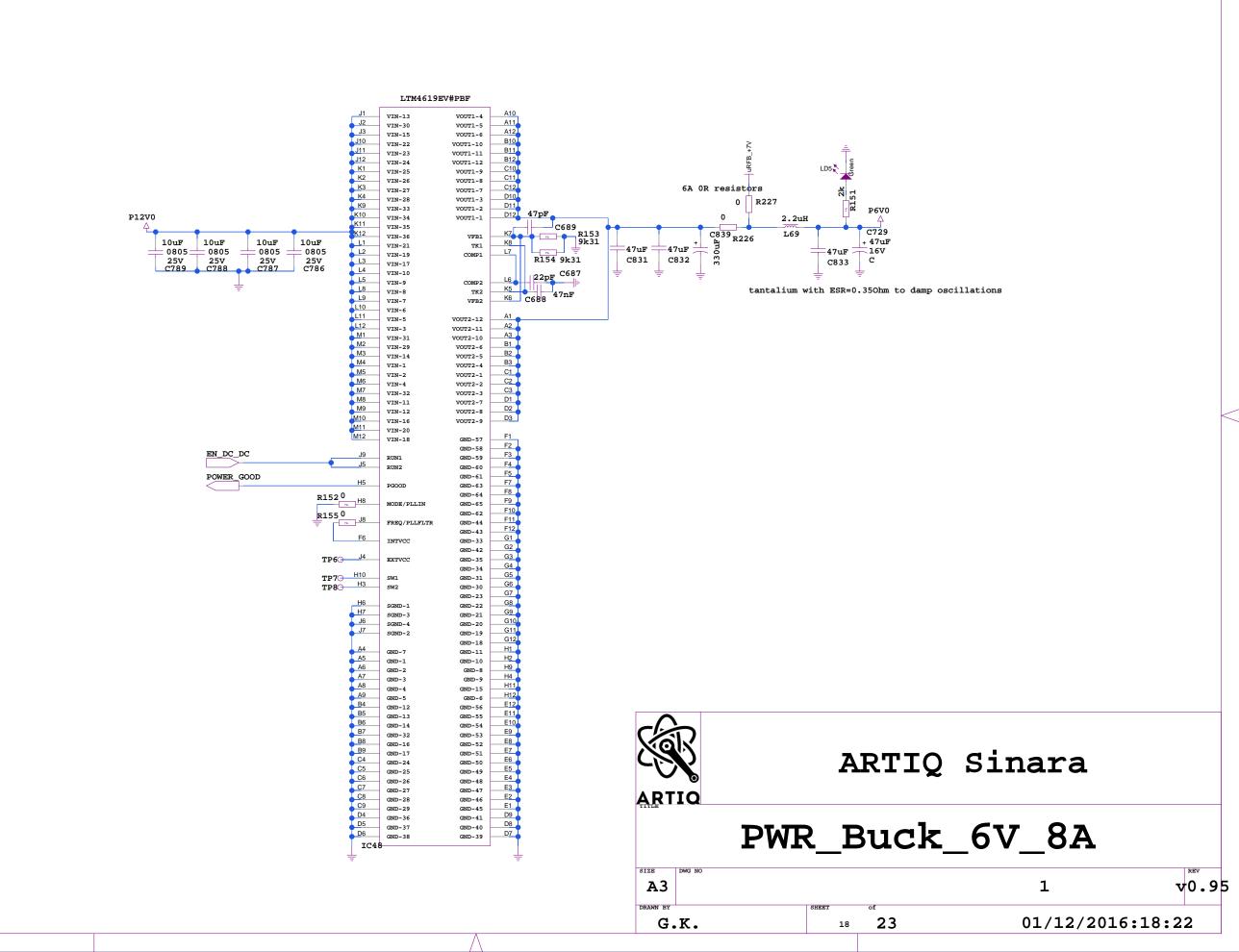
SIZE 1 v0.95**A**3 01/12/2016:18:22

16



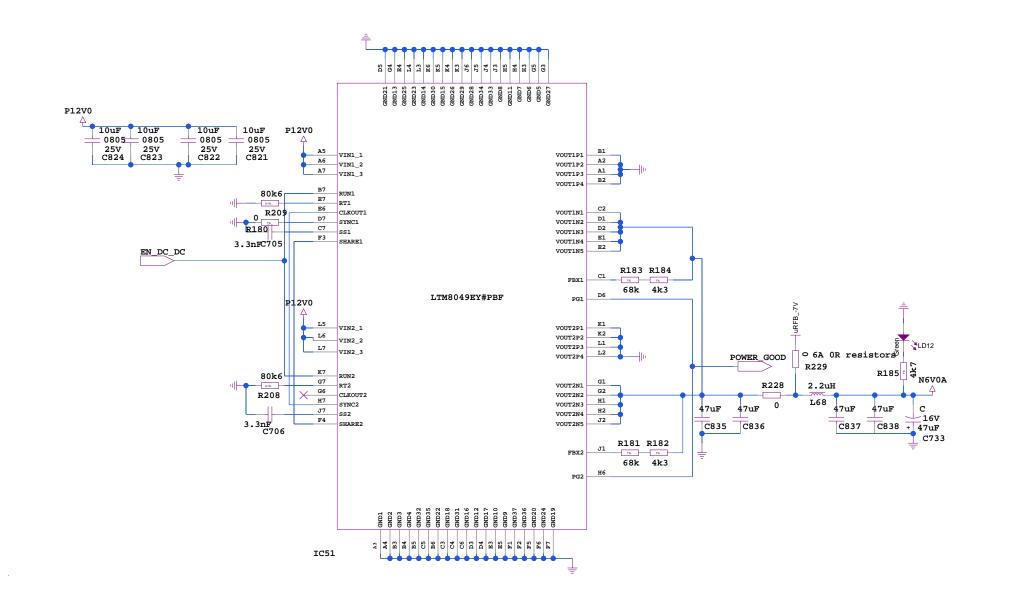
Copyright ISE WUT 2016.

Ins occumentation describes Upen 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 IMPLED WARRANTY, INCLUDING OF MERCHANTABILITY, SATISFACTORY QUALITY AND FITHERS EVEN & PARTICULI ARP PURPORS

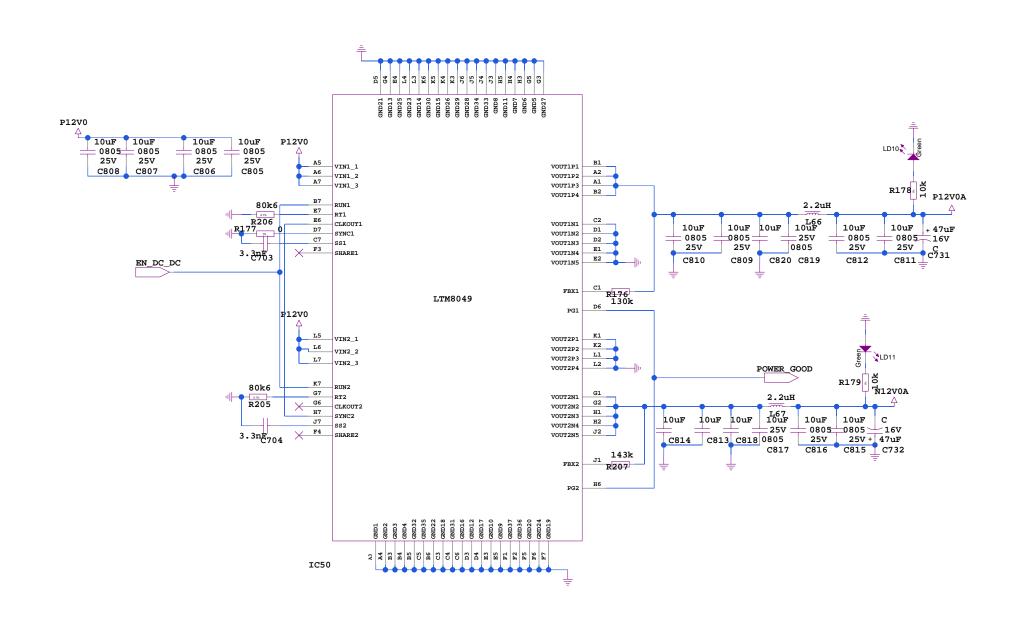


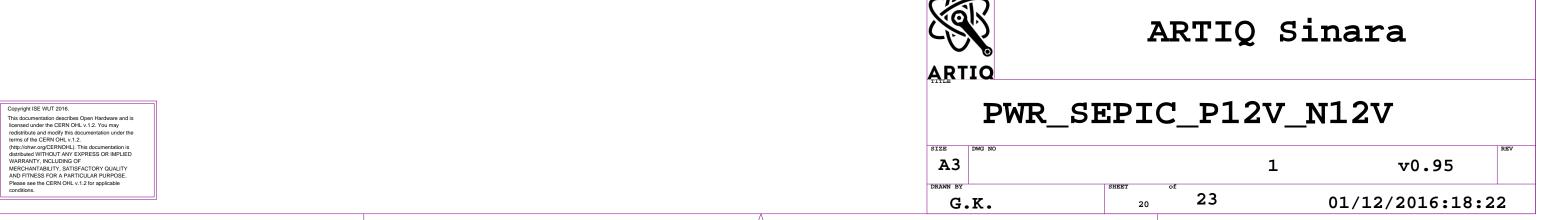
Copyright ISE WUT 2016.

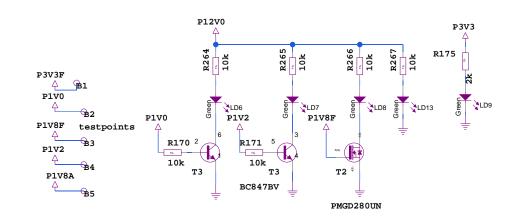
This documentation describes Open Hardware and is licensed under the CERN OHL v.1.2. You may redistribute and modify this documentation under the terms of the CERN OHL v.1.2. (http://ohw.org/CERNOHL). This documentation is distributed WITHOUT ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING OF MERCHANTABILITY,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

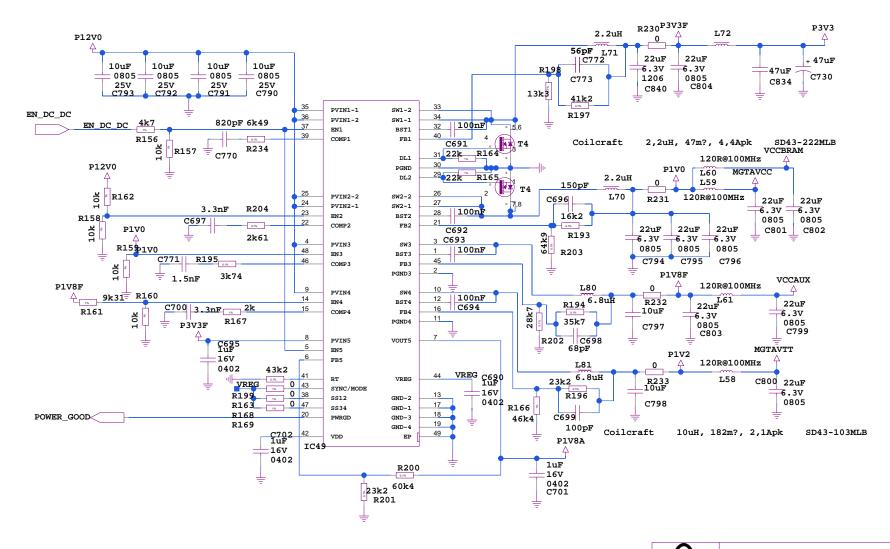














SIZE

A3

ARTIQ Sinara

PWR_buck_FPGA_SUPPLY

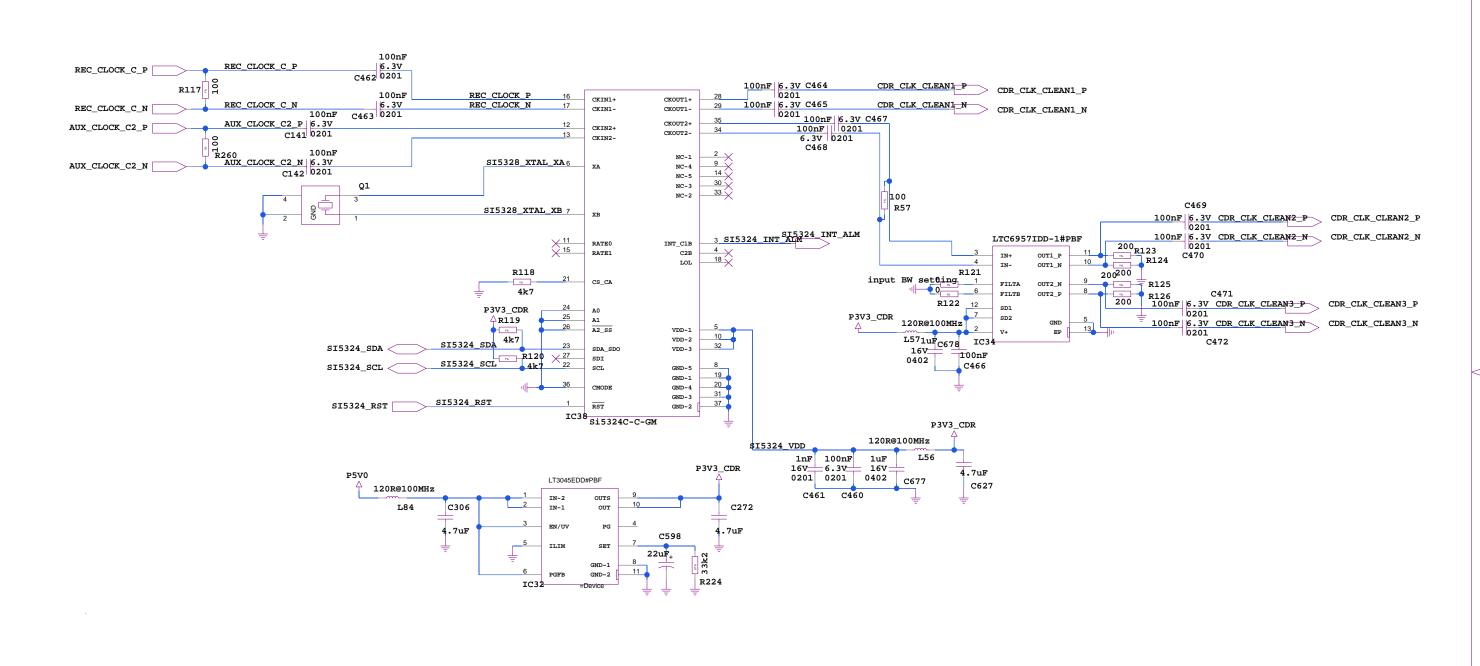
1 v0.9501/12/2016:18:22 G.K.

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.

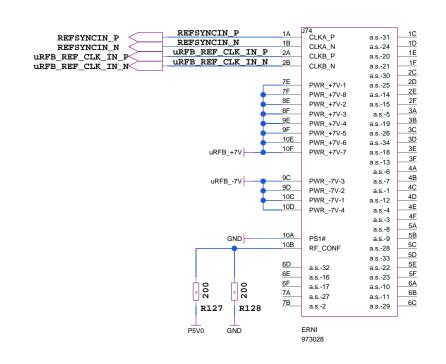
This documentation describes Open Hardware and is

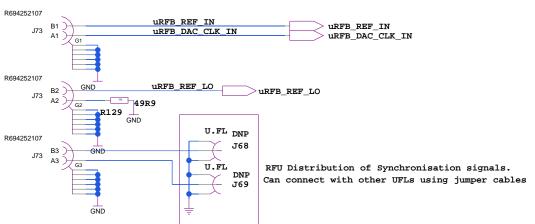




Copyright ISE WUT 2016.

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 FTINESS 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://ohwr.org/CERNOHL). This documentation is distributed WITHOUT ANY EXPRESS OR IMPLIED WARRANTY, INCLUDINS OF MERCHANTABILITY, SATISFACTORY QUALITY AND FITNESS FOR A PARTICULAR PURPOSE. Please see the CERN OHL v.1.2 for applicable

ARTIQ Sinara

ARTIQ Sinara

SIZE DMG NO
A3

1 v0.95

DRAWN BY
G.K. SHEET of
23 23 03/12/2016:13:55