

	1	2	3	4	5	6
A						
B						
C						
D						
	1	2	3	4	5	6

Power



File: mainboard__power.kicad_sch

Level Shifter / I2C



File: mainboard__level_shifter.kicad_sch

Z-Turn-Lite



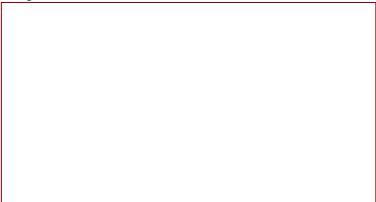
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AR0330



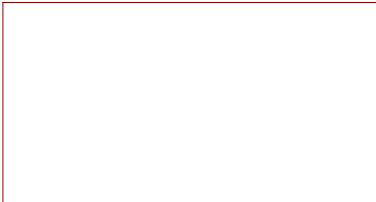
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Plugins / PMOD



File: mainboard__plugins.kicad_sch

AR1335



File: mainboard__ar1335.kicad_sch

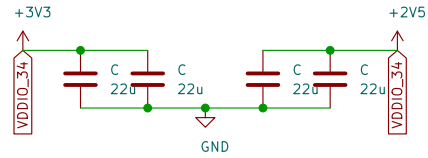
Apertus

Sheet: /
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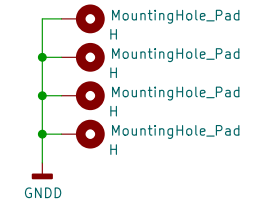
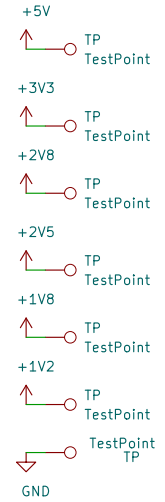
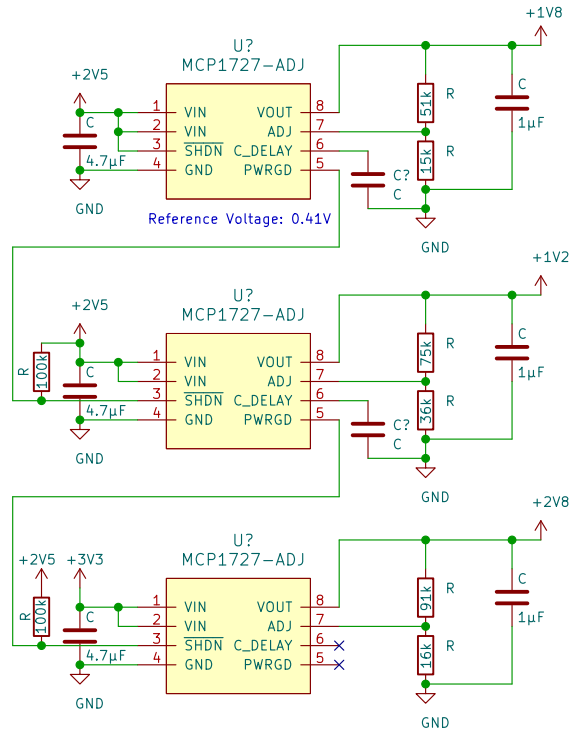
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Size: A4	Date: 2021-01-18	Rev: 2.1
KiCad E.D.A. kicad (5.99.0-8453-g50e22de3ba)		Id: 1/7

The Z-Turn Lite has generously sized DC/DC converters
(3A) for the vccio voltages. So we use them for almost everything



Power Sequencing:
-> 1v8
30ms
-> 1v2
30ms
-> 2v8



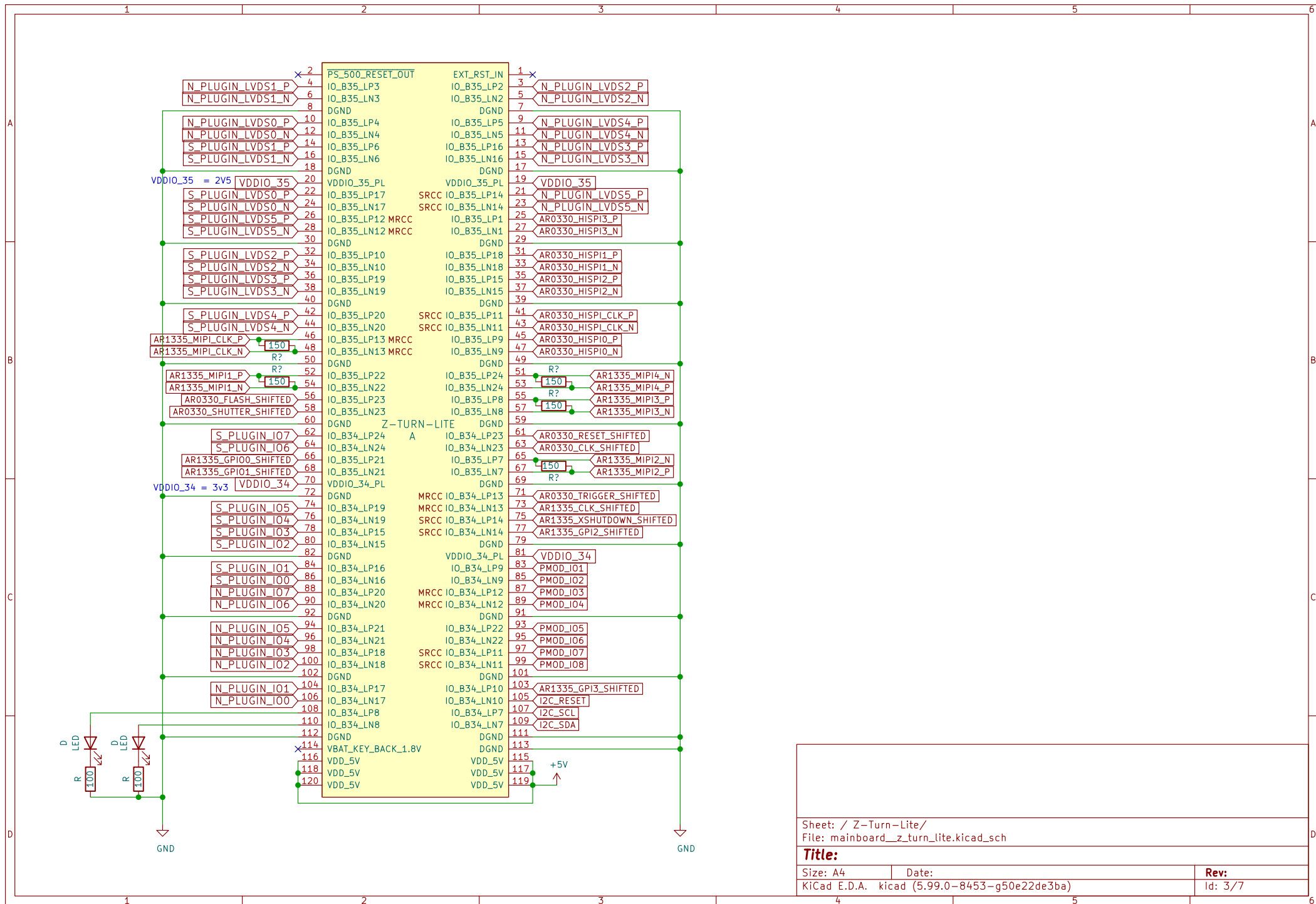
Apertus

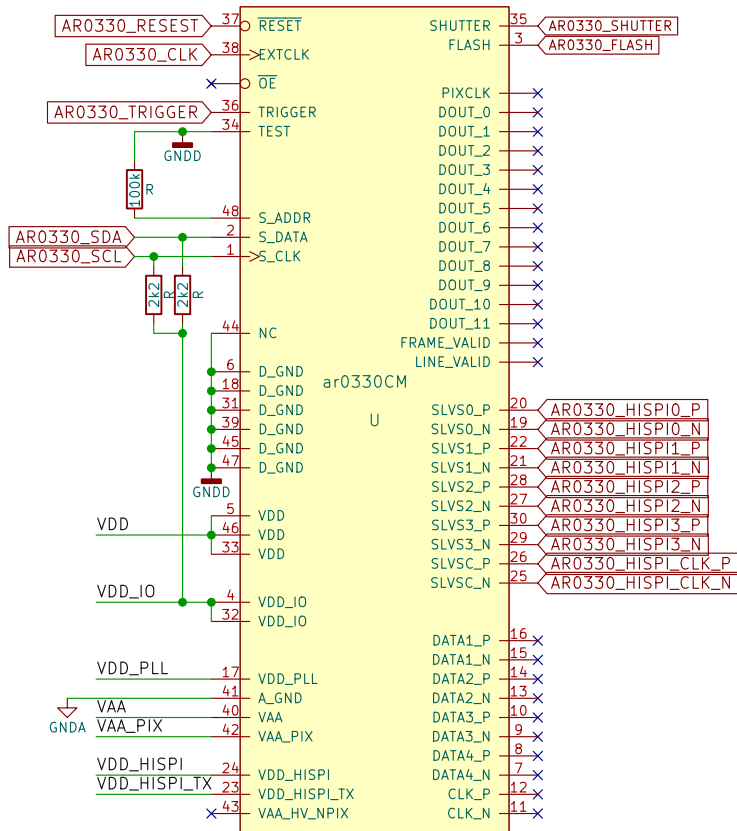
Sheet: /Power/
File: mainboard_power.kicad_sch

Title: AXIOM Micro r2.1

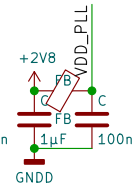
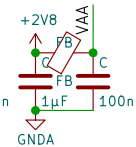
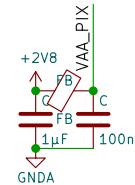
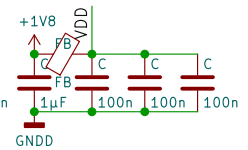
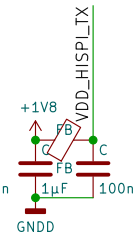
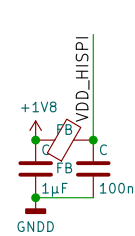
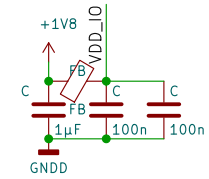
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KiCad E.D.A. kicad (5.99.0-8453-g50e22de3ba)

Rev: 2.1
Id: 2/7





Route LVDS Differential 100 Ohm



Sheet: /AR0330/
File: mainboard_ar0330.kicad_sch

Title:

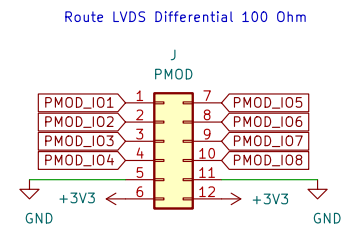
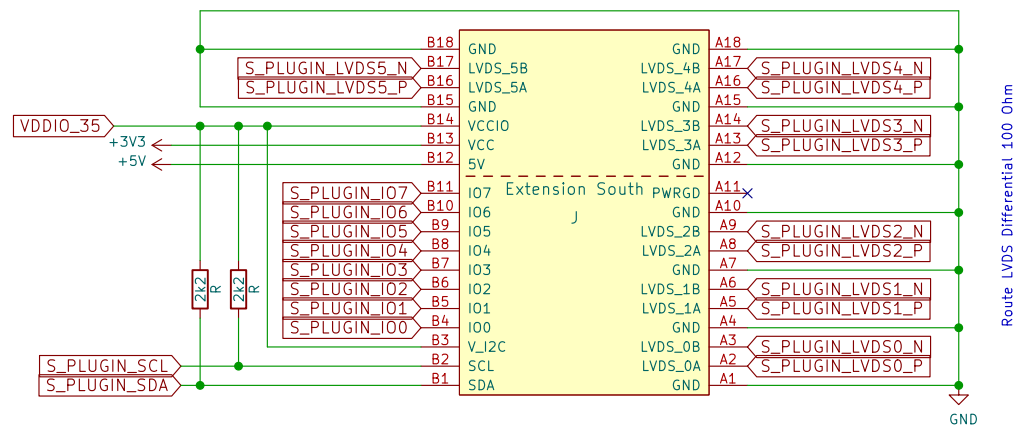
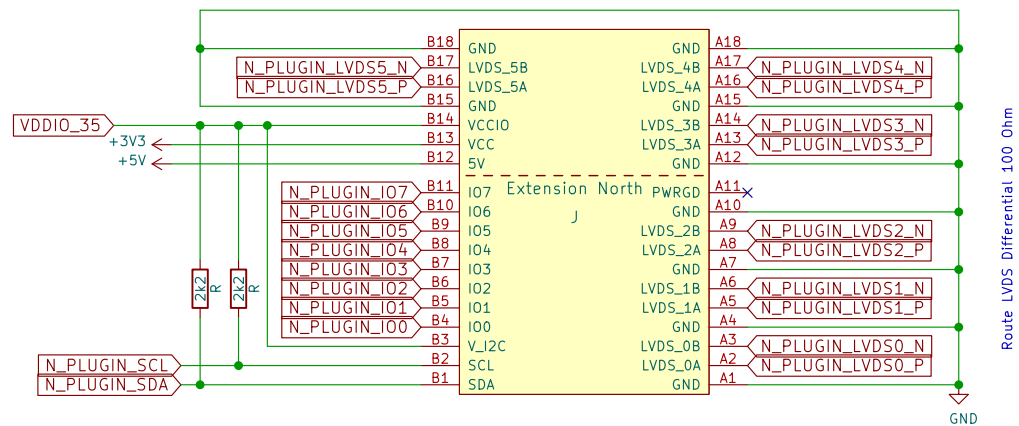
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Date:

KiCad E.D.A. kicad (5.99.0-8453-g50e22de3ba)

Rev:

Id: 4/7



Sheet: /Plugins / PMOD/
File: mainboard__plugins.kicad_sch

Title:

Size: A4	Date:
KiCad E.D.A. kicad (5.99.0-8453-g50e22de3ba)	

Rev:
Id: 5/7

