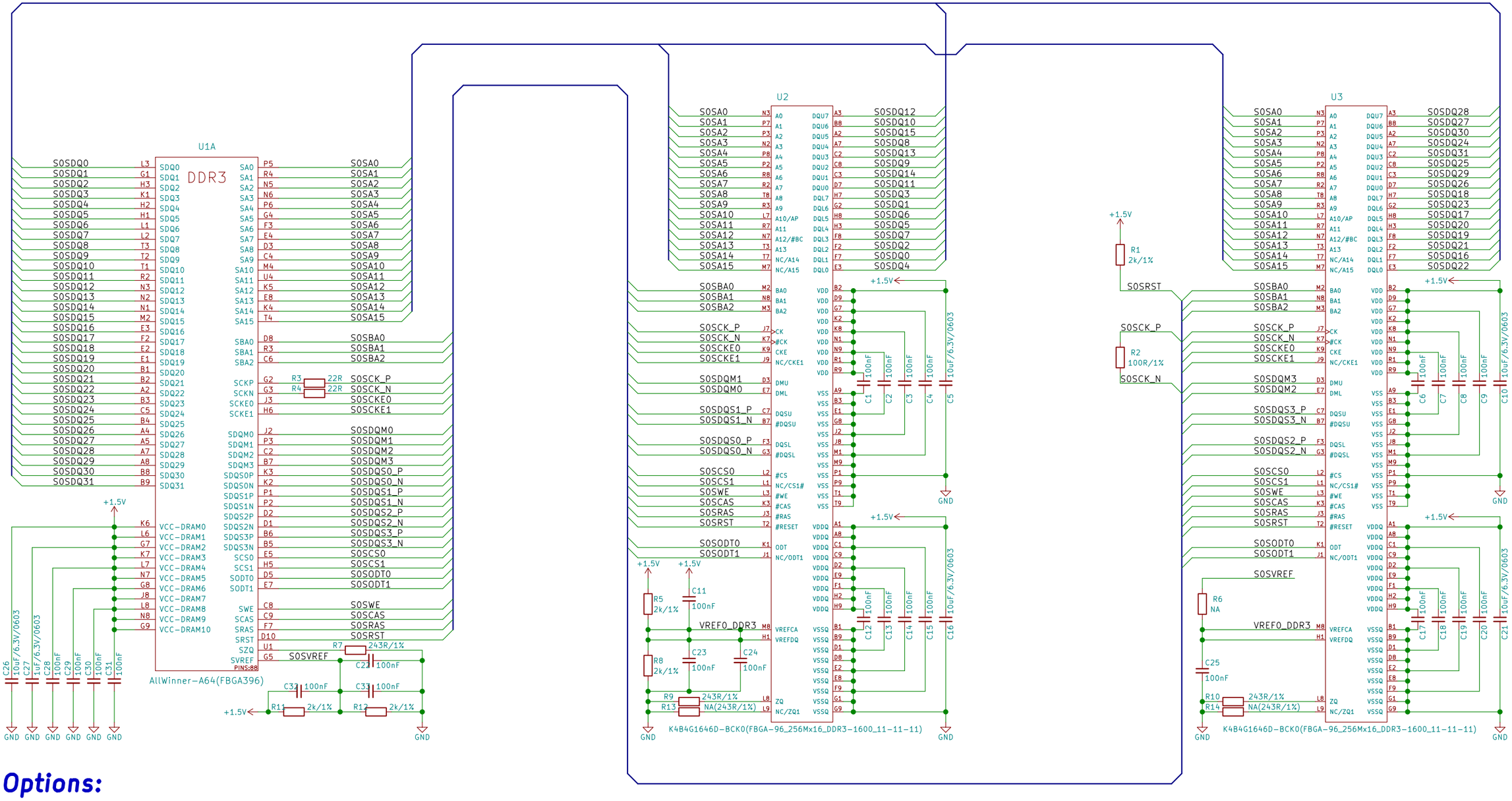
DDR3: 1GByte



Options:

1. Use 2(DDR3 256Mx16 Memory chips)x4Gb = 1GByte, i.e. 2xH5TQ4G63MFR-PBC(or K4B4G1646D-BCK0) -> Default
2. Use 2(DDR3 512Mx16 Memory chips)x8Gb = 2GBytes, i.e. 2xH5TC8G63AMR-PBA(or K4B8G1646Q-MYK0)

Note:

We have used a number of fully compatible, but different DDR3 memories due to supply unavailability.
In such cases the memory part name in the schematic might remain outdated.
It is recommended to always refer to the exact memory name printed on the component itself.

DDR3 Memory

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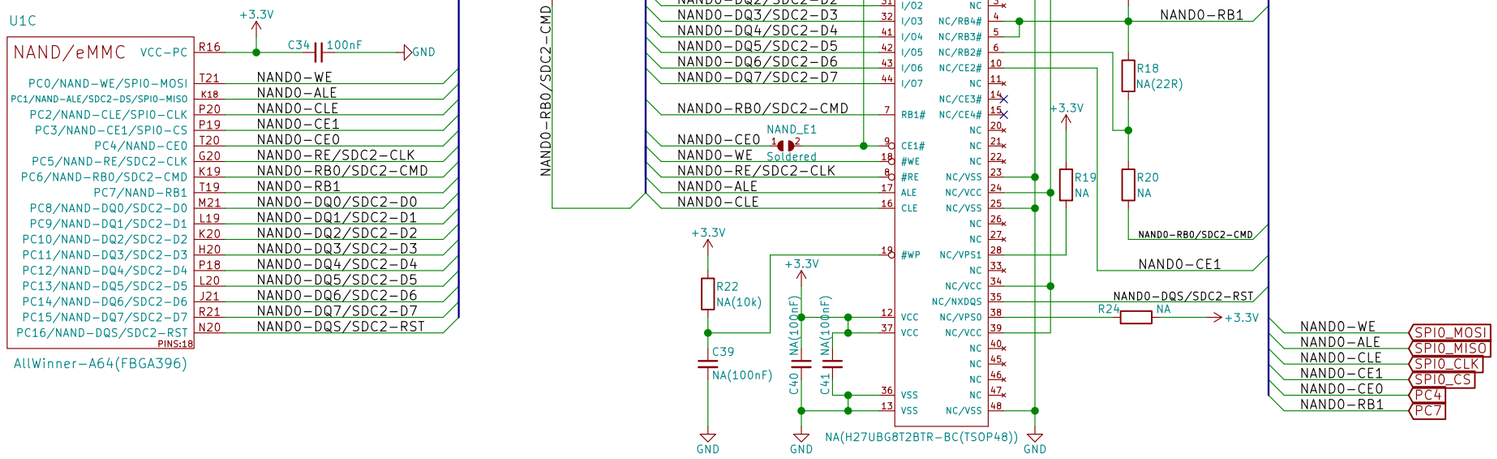
Sheet: /
File: A64-OlinuXino_Rev_A.sch

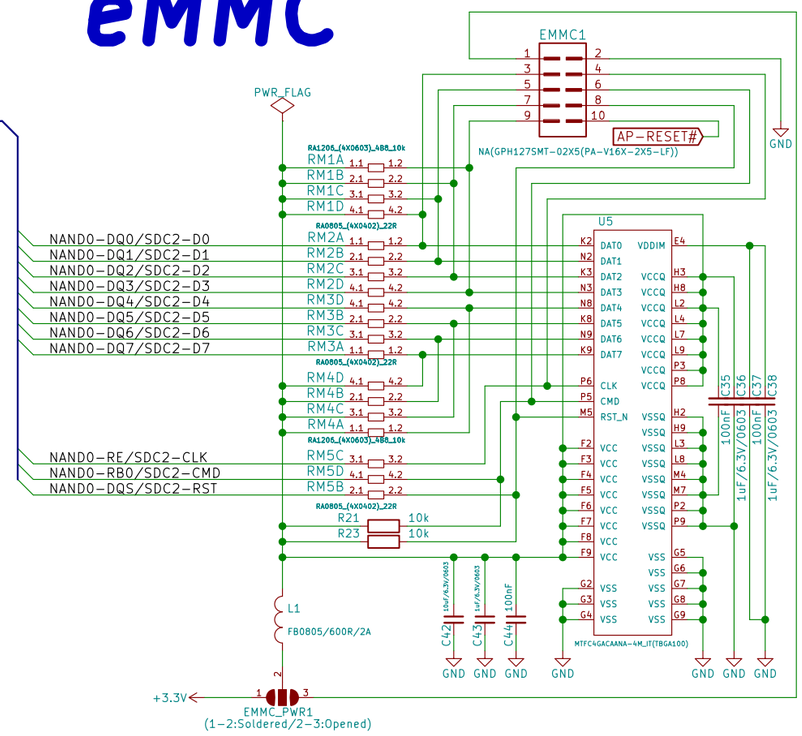
Title: A64-OLinuXino

Size: A3	Date: 2015-10-15	**Rev: Rev_A**
KiCad E.D.A.	kicad 0.201601191446+6495~42ubuntu15.10.1-product	Id: 1/4

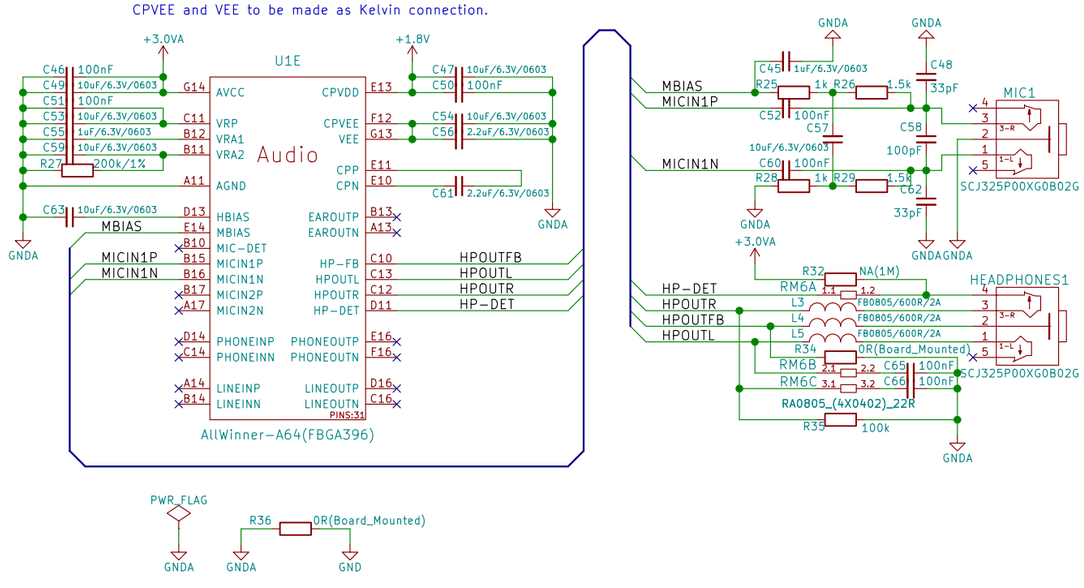
NAND Flash



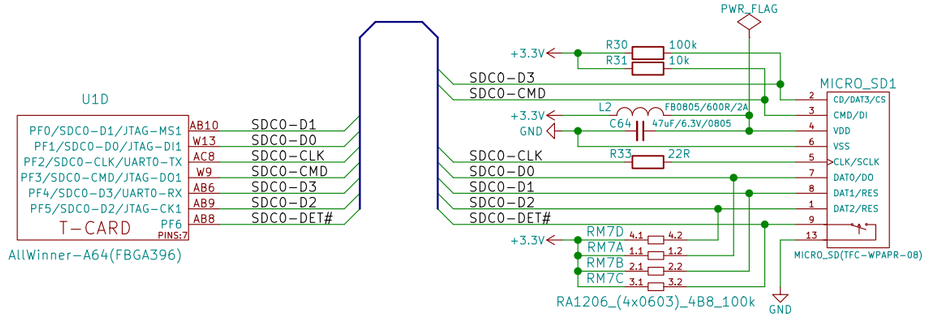
eMMC



Audio



T-Card



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Sheet: /NAND Flash , eMMC, T-Card and Audio/
File: NAND Flash , eMMC, T-Card and Audio.sch

Title: A64-OLinuXino

Size: A3	Date: 2015-10-15	**Rev: Rev_A**
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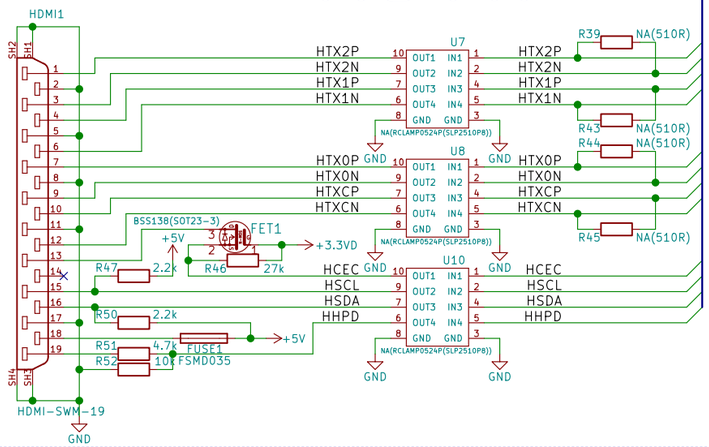
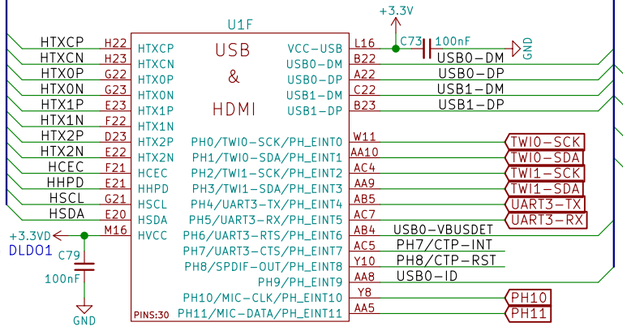
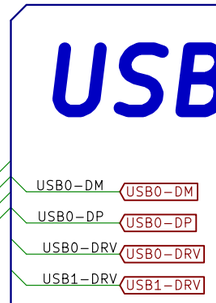
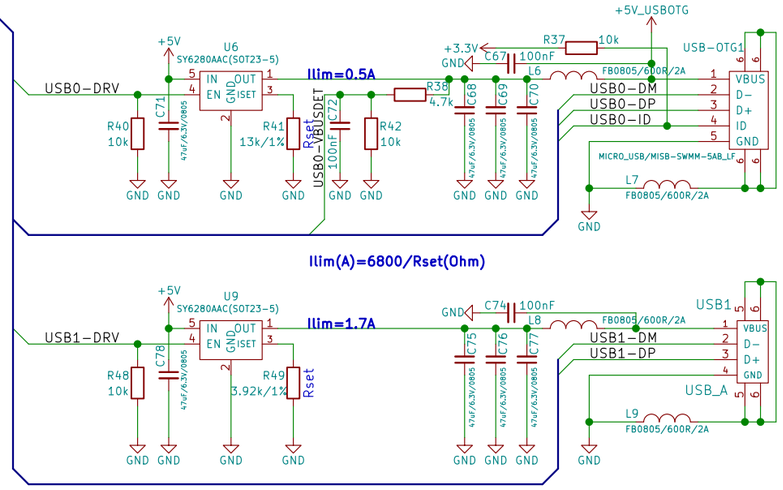
HDMI



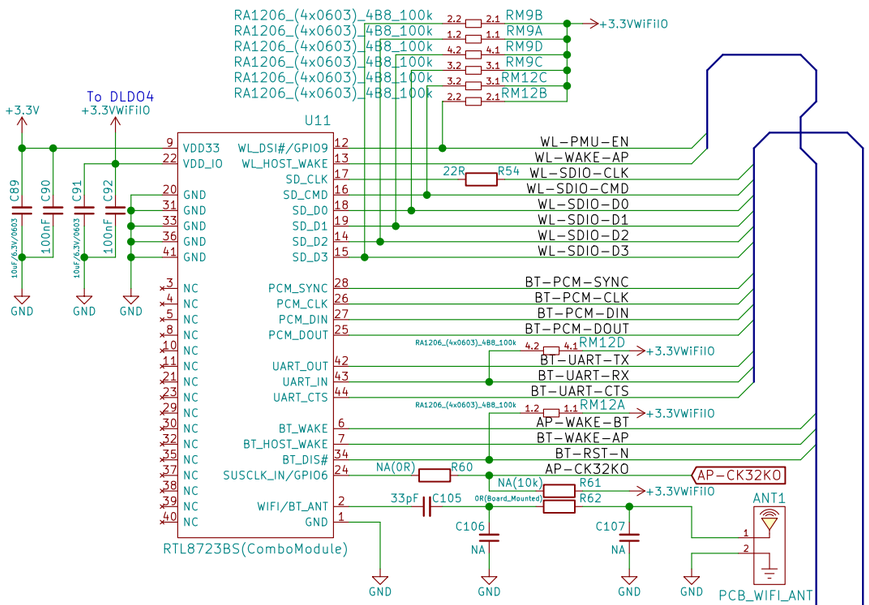


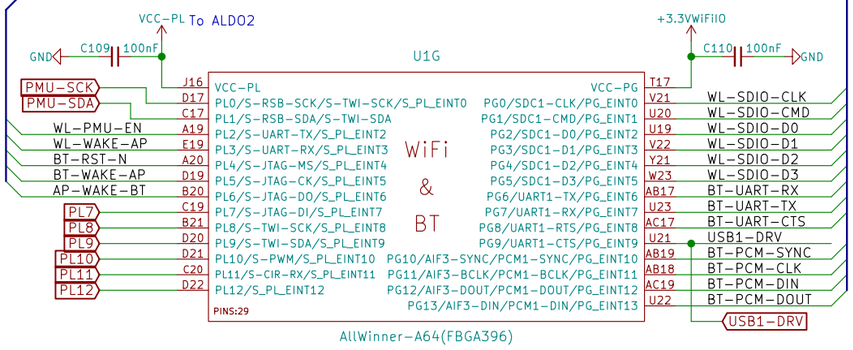
USB



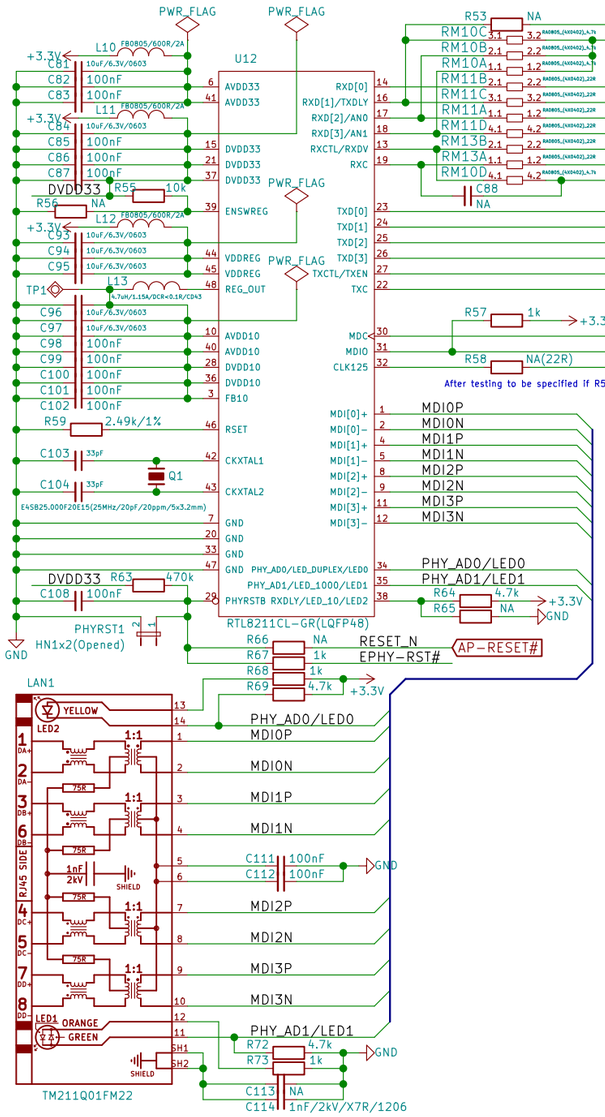


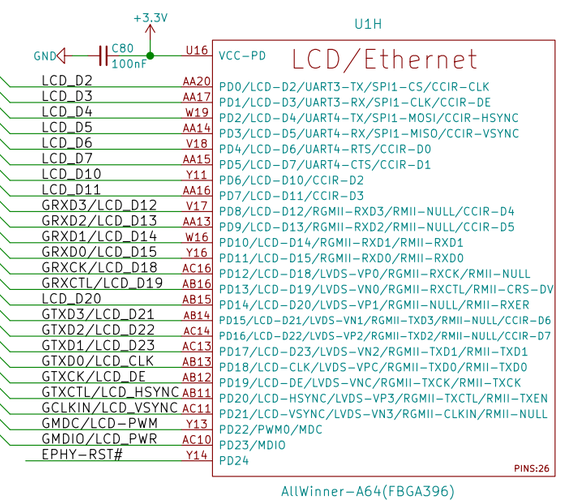
WiFi&BT

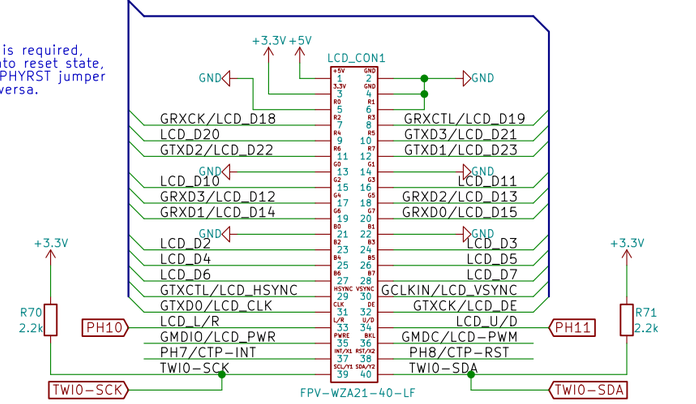




Gigabit Ethernet or LCD







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Title: A64-OLinuXino

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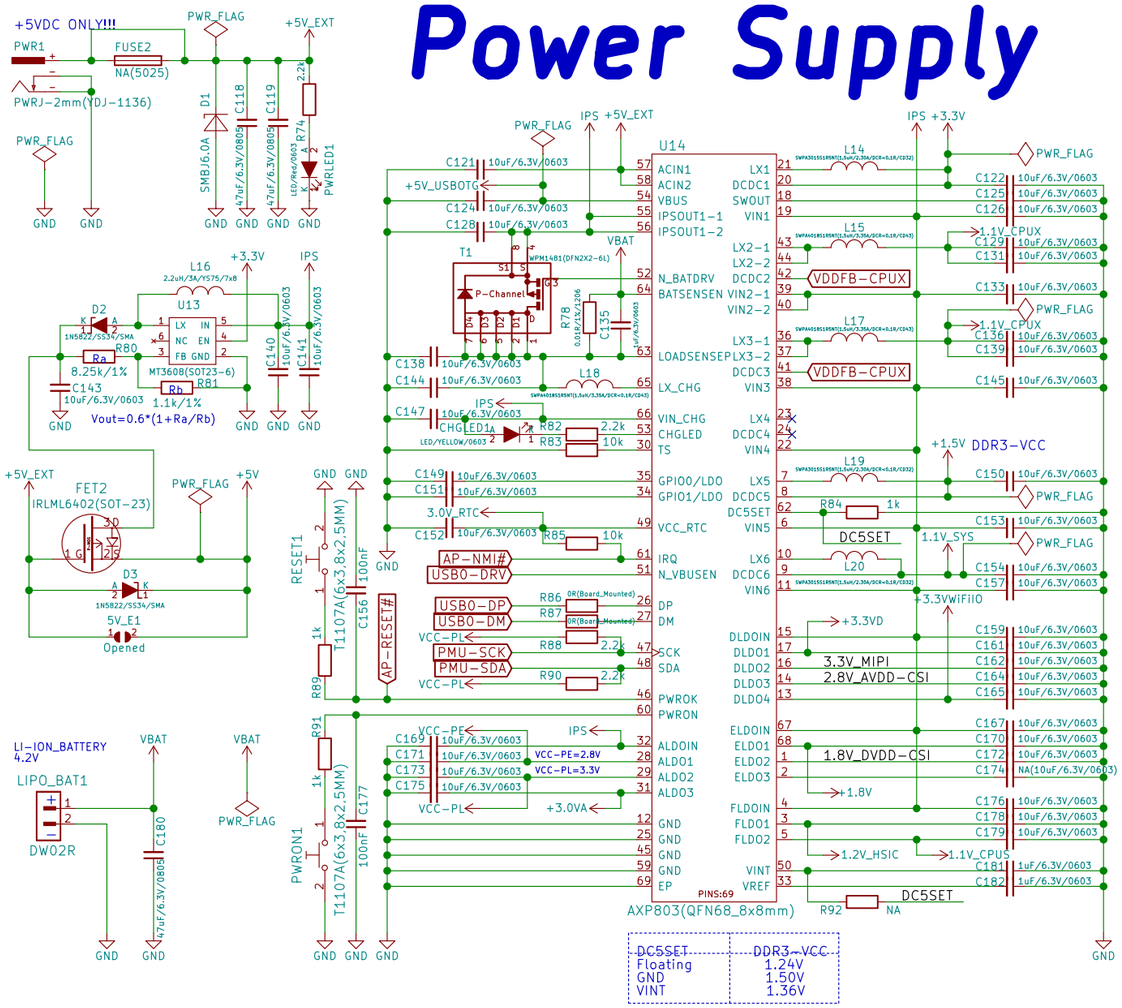
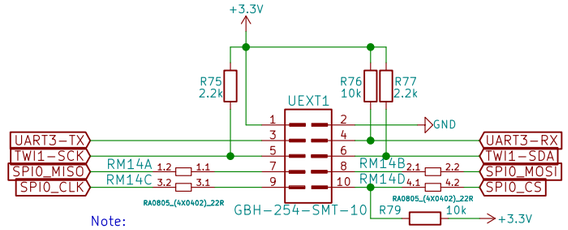
from Root up to Here!!!!!

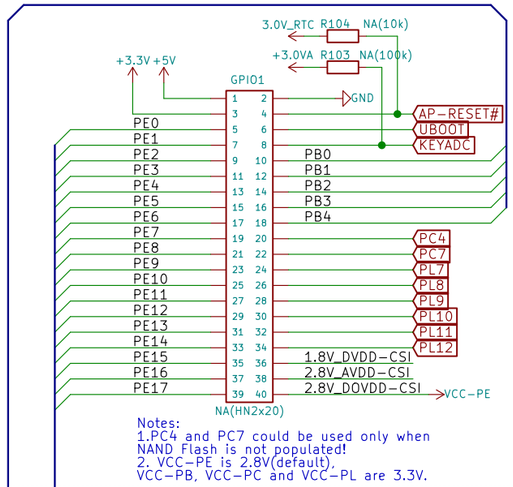
Power Supply

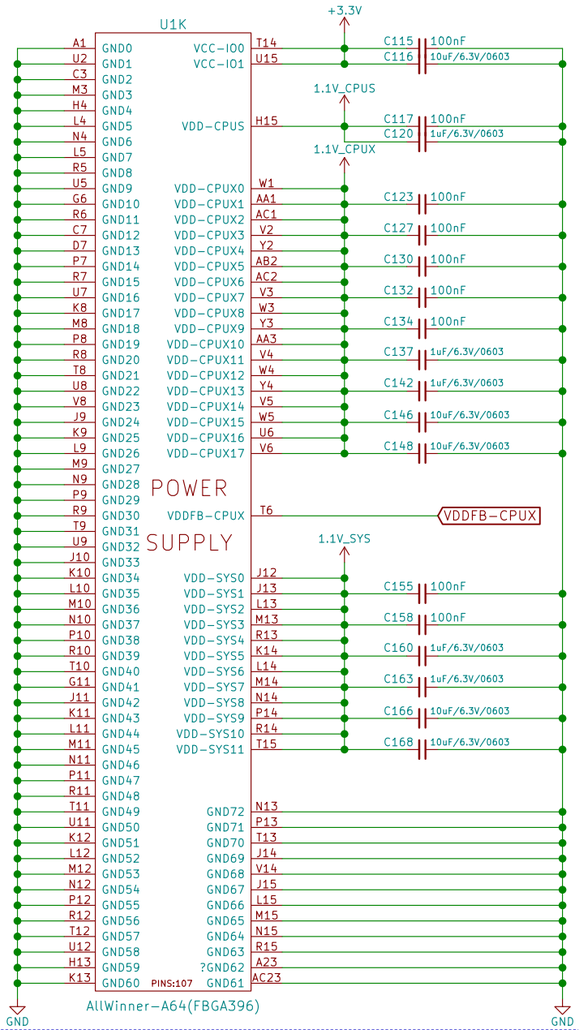


UEXT

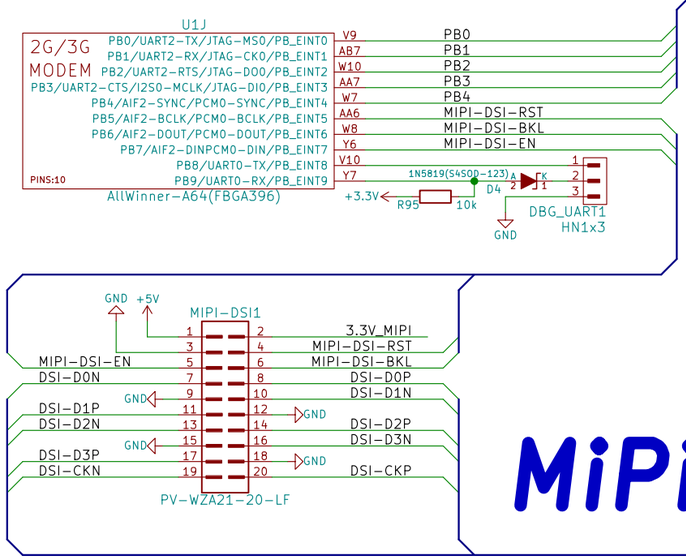


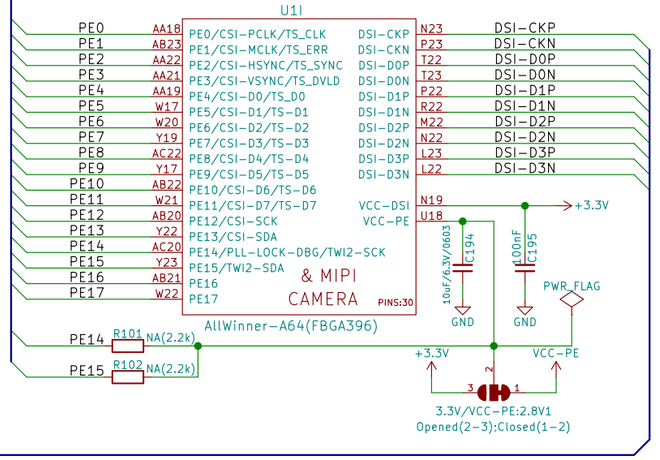
Extension



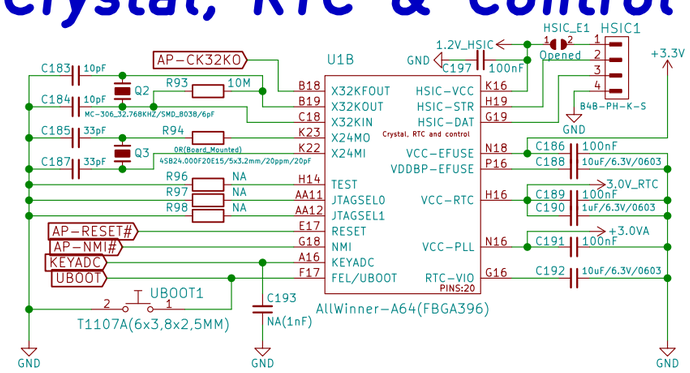


MiPi-DSI





Crystal, RTC & Control



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Sheet: /Power Supply, Extensions and MiPi-DSI/
File: Power Supply, Extensions and MiPi-DSI .sch

Title: A64-OLinuXino

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KiCad E.D.A.	kicad 0.2016011914 46+6495 42ubuntu15.10.1-product	Id: 4/4

SCH STILL NOT READY