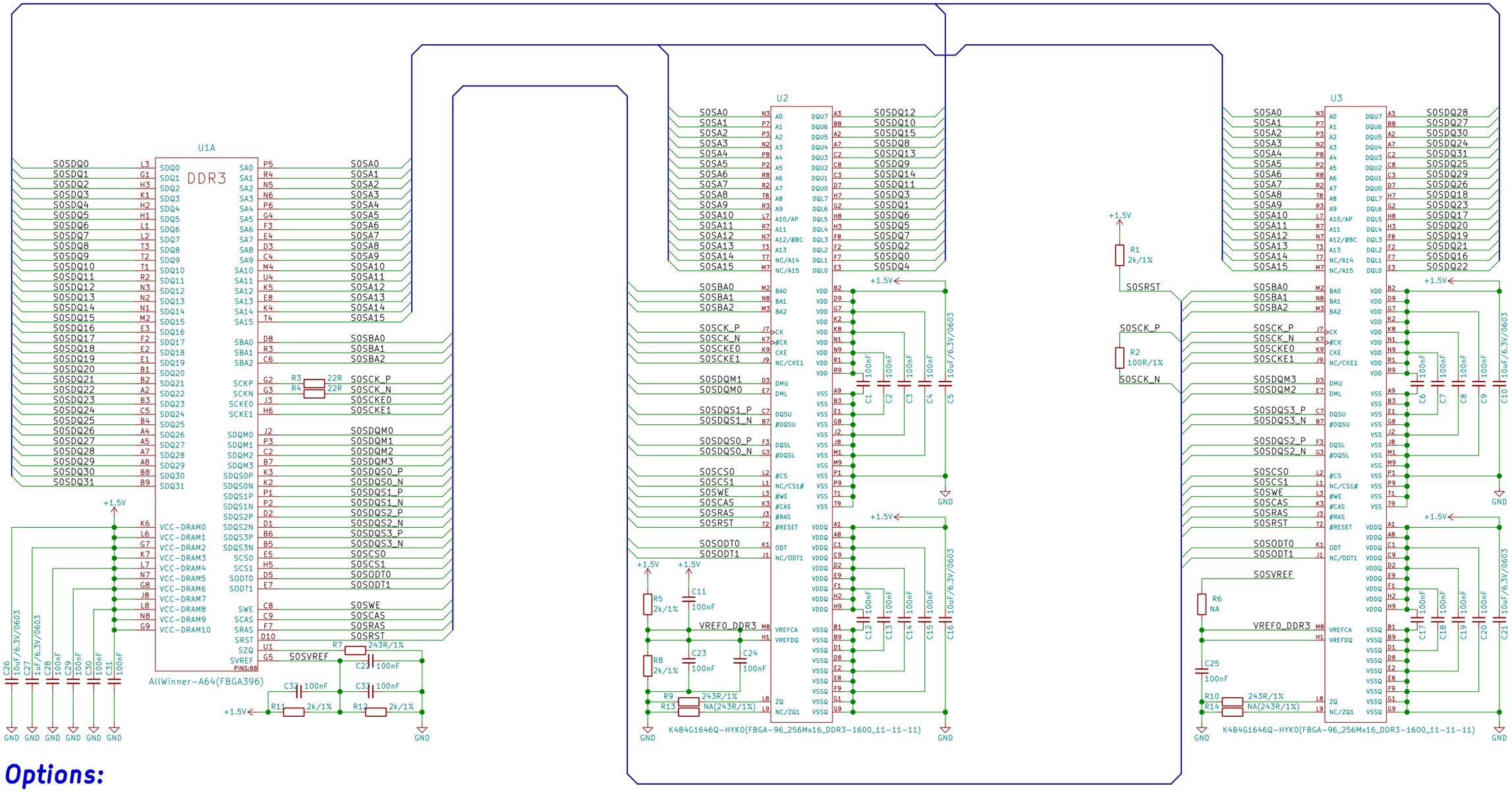
DDR3:?1GByte



Options:

```
=======
```

1. Use 2(DDR3 256Mx16 Memory chips)x4Gb = 1GByte, i.e. 2xH5TQ4G63MFR-PBC(or K4B4G1646Q-HYK0) -> 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In such cases the memory part name in the schematic might remain outdated.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

<c> 2015
OLIMEX LTD, Bulgaria

Sheet: /
File: A64-OlinuXino_Rev_B.sch

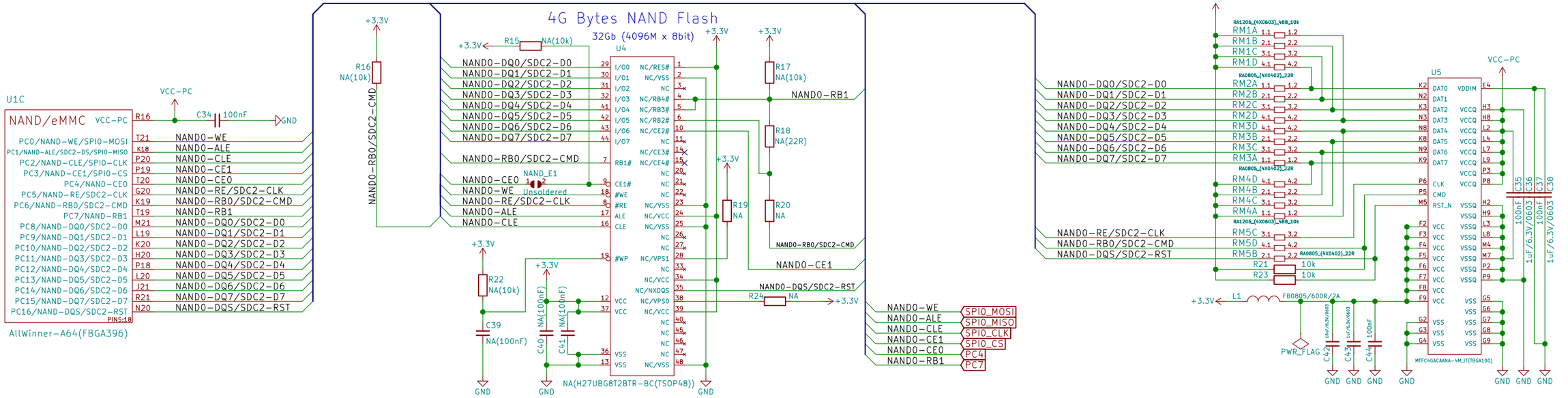
Title: A64-OLinuXino

Size: A3	Date: 2015-10-15	**Rev: Rev_A**
KiCad E.D.A. kicad 4.1.0-alpha+201605180746+681344ubuntu15.10.1-product		Id: 1/1

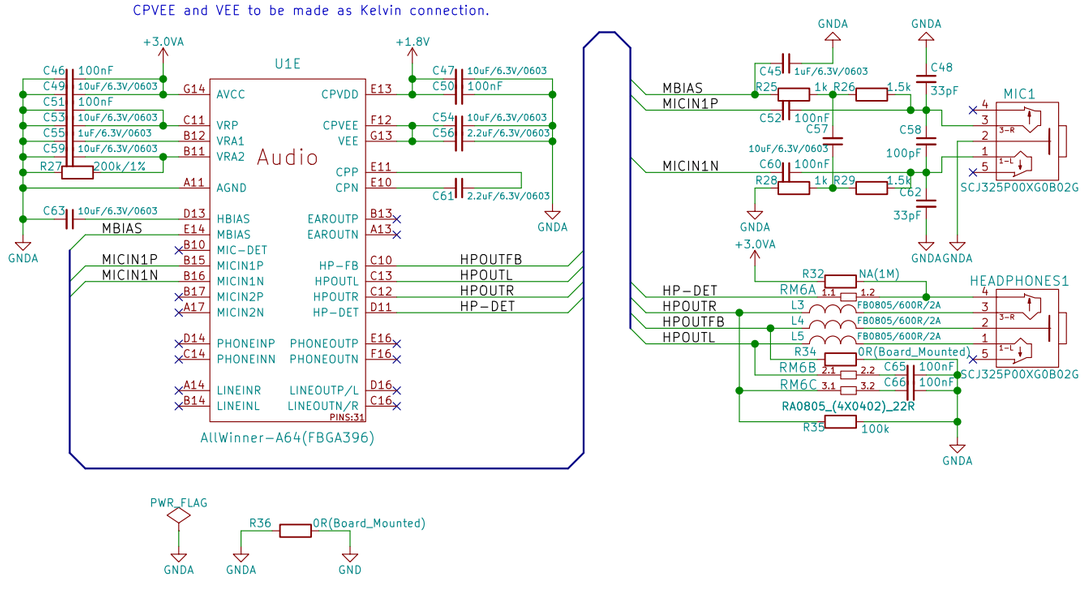
NAND Flash

eMMC

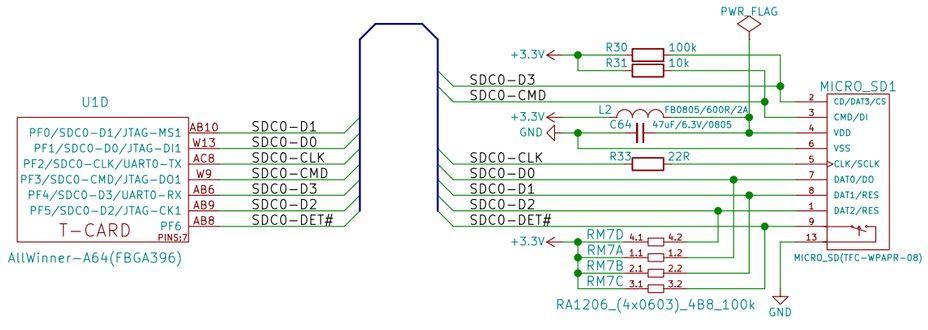
Option!
======
eMMC is default, because in this case, SPI0 is not multipexed with eMMC as is with the NAND Flash!
SPI0 is available on the UEXT connector!



Audio



T-Card



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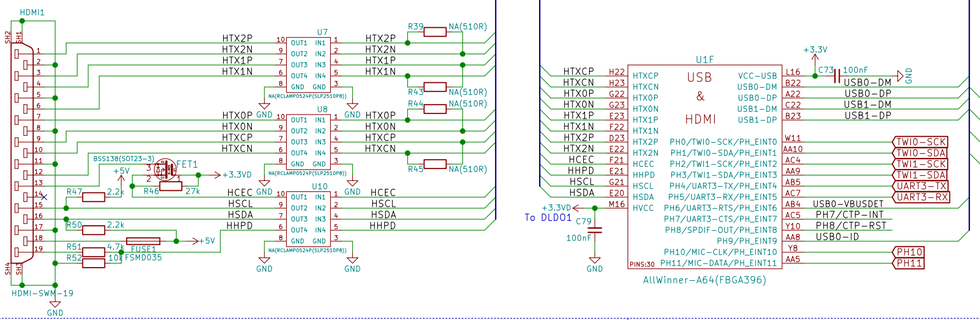
File: NAND Flash , eMMC, T-Card and Audio.sch

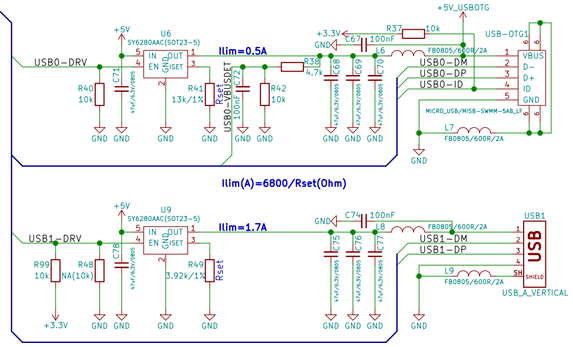
Title: A64-OLinuXino

Size: A3	Date: 2015-10-15	Rev: Rev_A
KiCad E.D.A. kicad 4.1.0-alpha+201605180746+681344ubuntu15.10.1-product		Id: 2/6

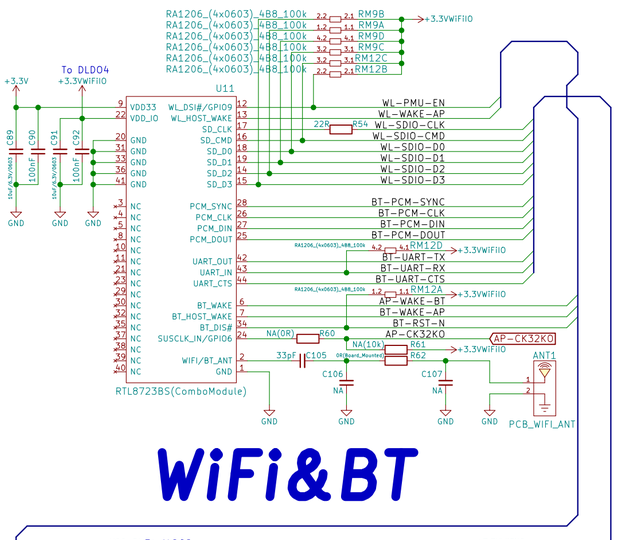
HDMI



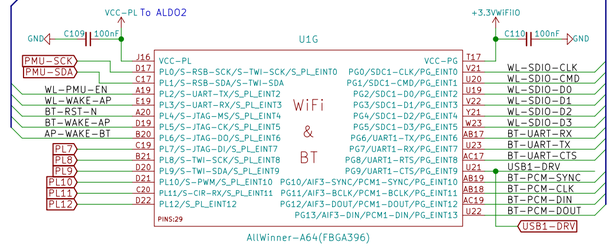
USB

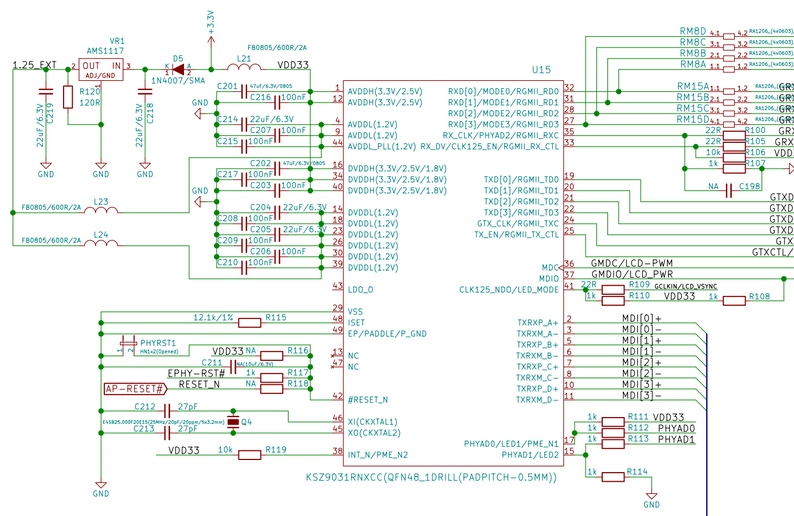


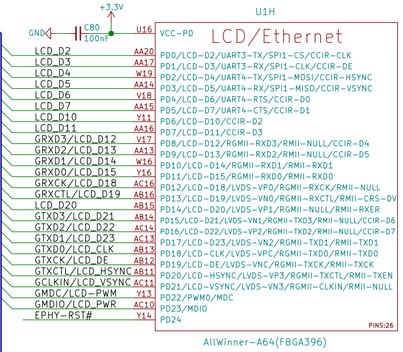
Gigabit Ethernet or LCD

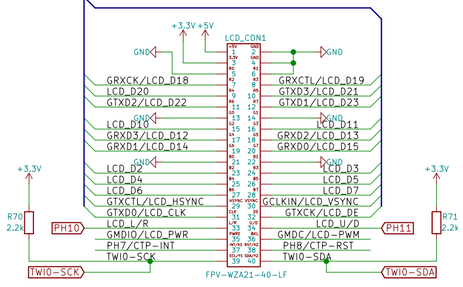


WiFi&BT









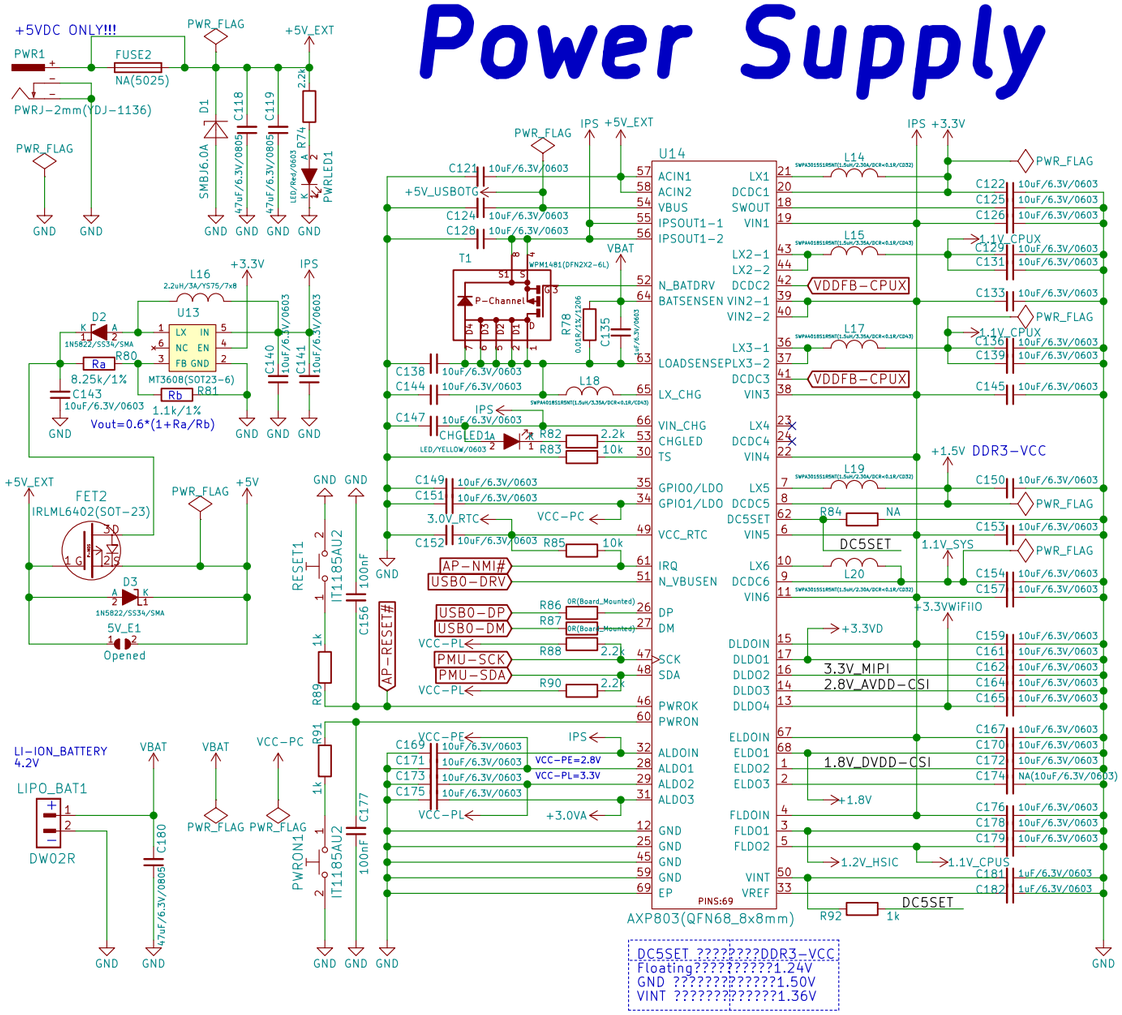
Sheet: /USB&HDMI,WiFi&BT,Ethernet,LCD/
File: USB&HDMI,WiFi&BT,Ethernet,LCD.sch

Title: A64-OLinuXino

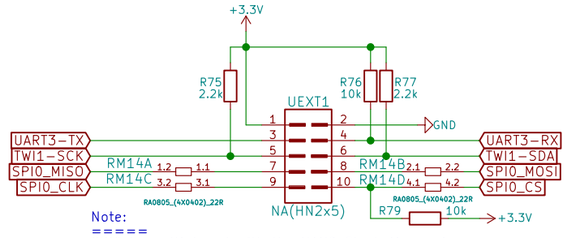
Size: A2	Date: 2015-10-15	Rev: Rev_A
KiCad E.D.A.	kicad 4.1.0-alpha+201605180746+6813~44ubuntu15.10.1-product	Sheet 1/6

from Root up to Here!!!!!

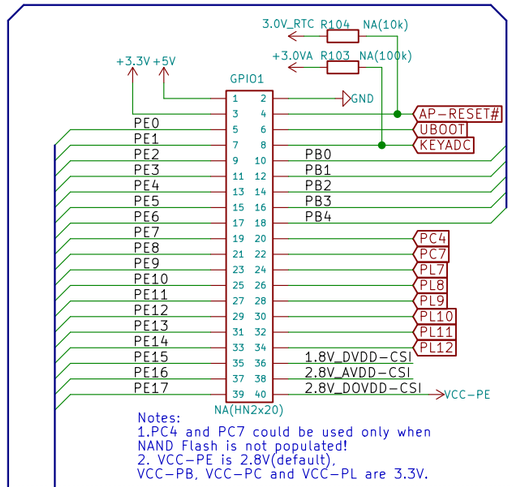
Power Supply

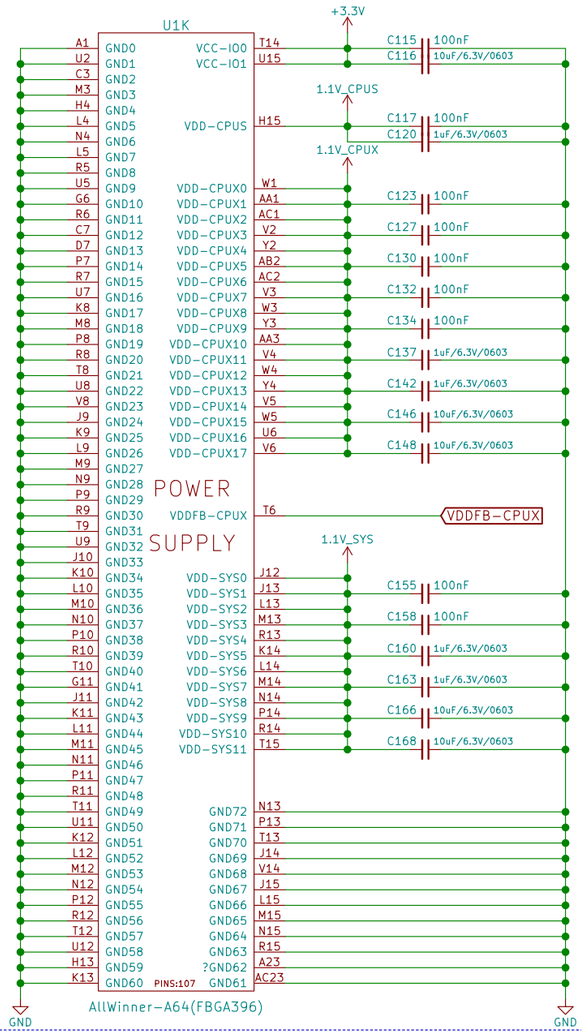


UEXT

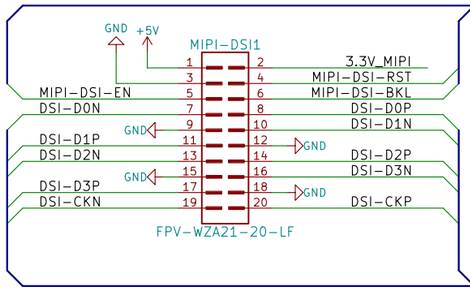


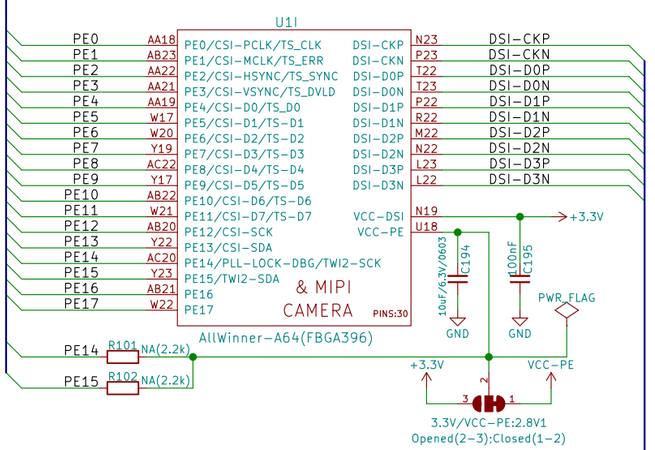
Extension

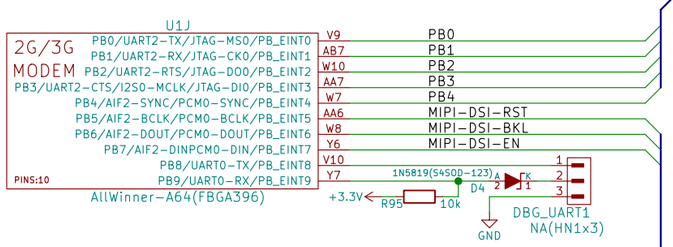




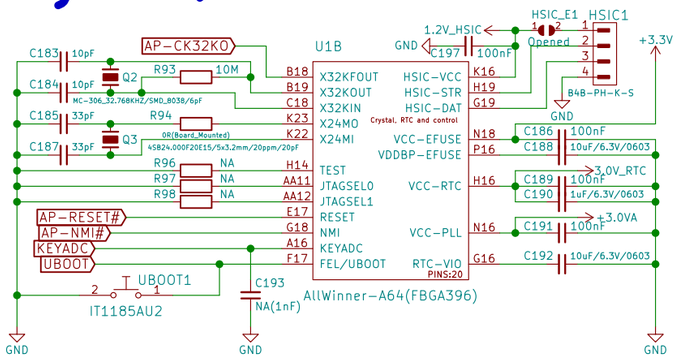
MiPi-DSI







Crystal, RTC & Control



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

Title: A64-OLinuXino

Size: A3	Date: 2015-10-15	Rev: Rev_A
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DFC STILL NOT READY