

EDM1-FAIRY REV:A2

L=6, 147 x 102 mm(5.8" x 4")

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P09 Audio_1/Audio_2

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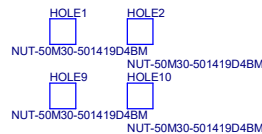
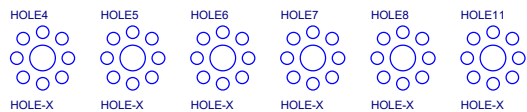
P12 Touch & 3G & MNF

DESIGN AND DISCLAIMER

These design materials referred to in this document are *NOT SUPPORTED* and DO NOT constitute a reference design.

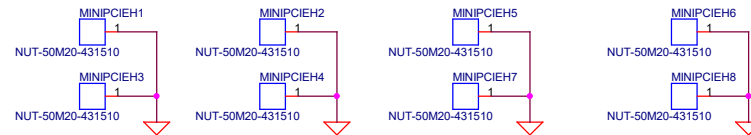
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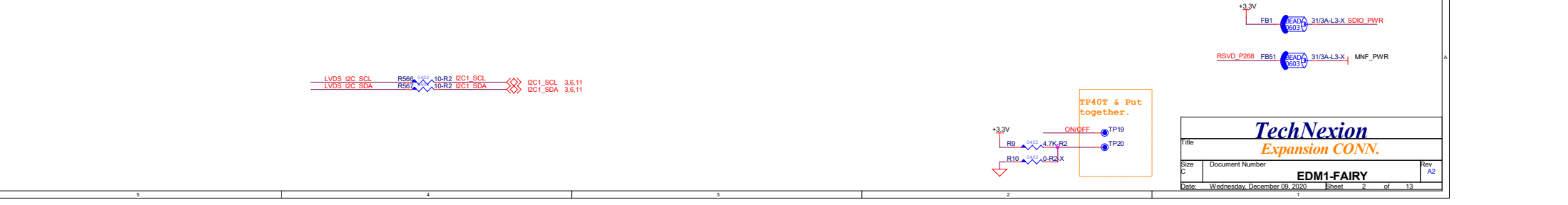
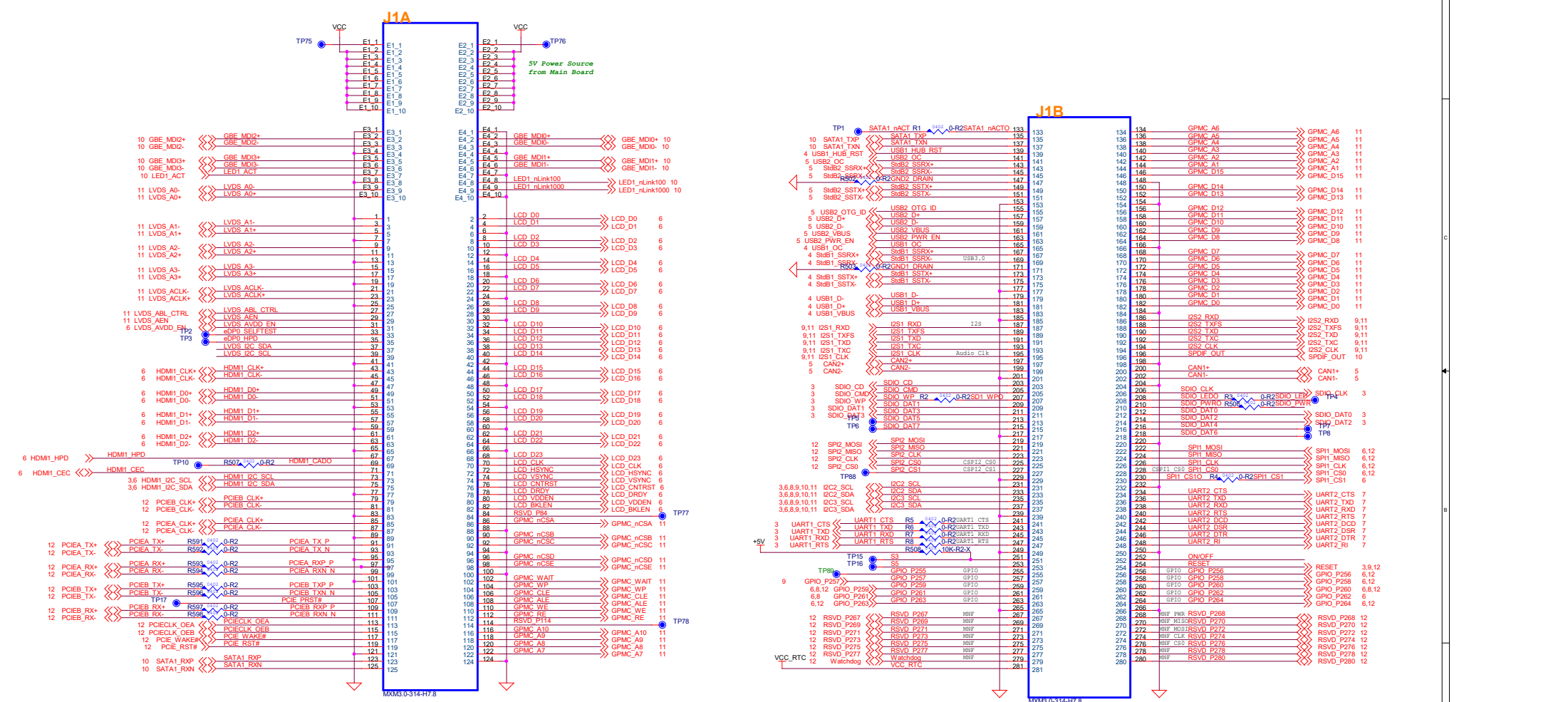
GND

PCB



TechNexion		
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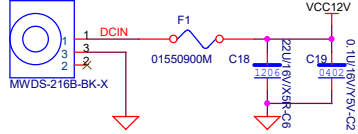
Board to Board



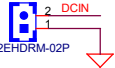
TechNexion
Expansion CONN.

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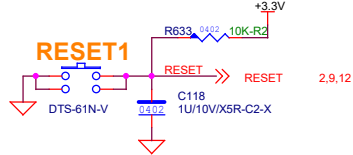
DCIN1



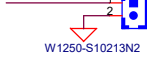
DCIN2



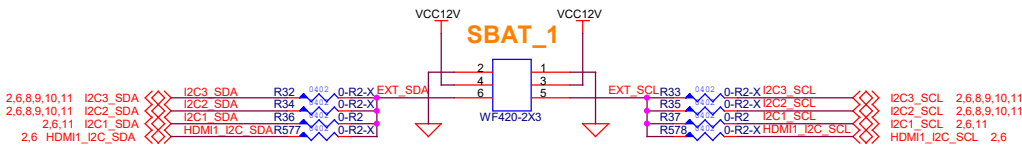
RESET1



J9

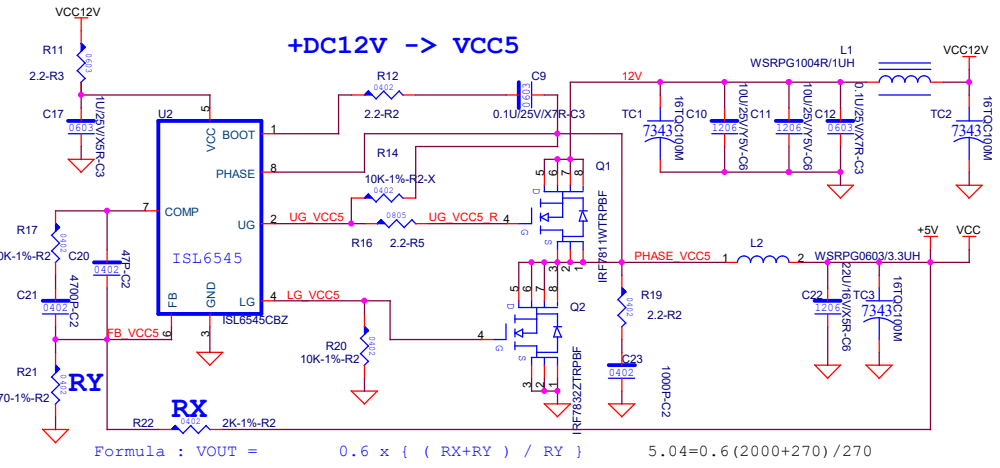
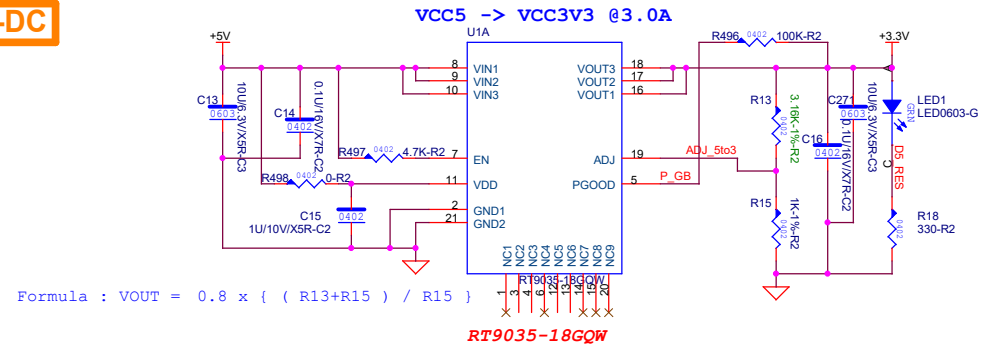


Battery Module Socket



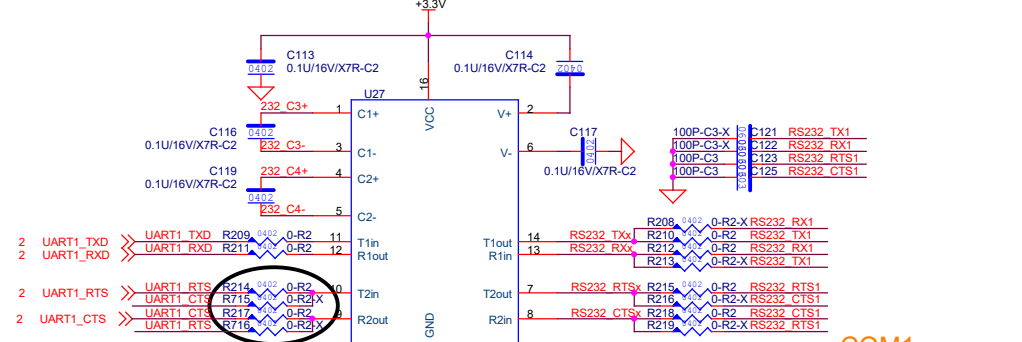
Use: I2C1 Prepare: I2C1 I2C2 I2C3

DC-DC

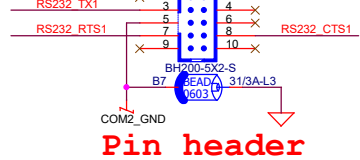


COM1

UART1 for Console

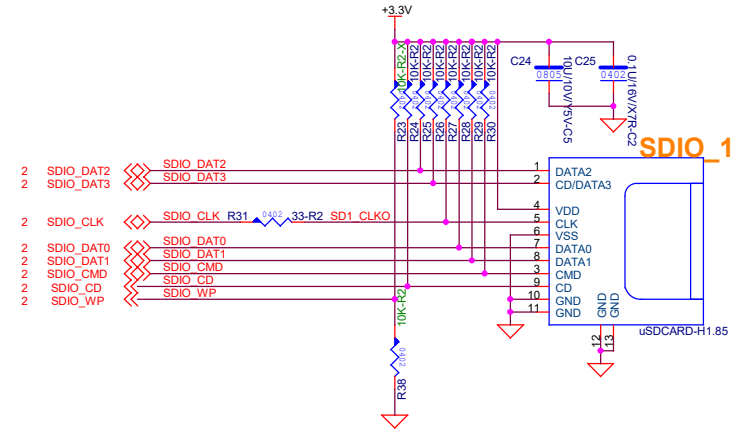


COM1



Pin header

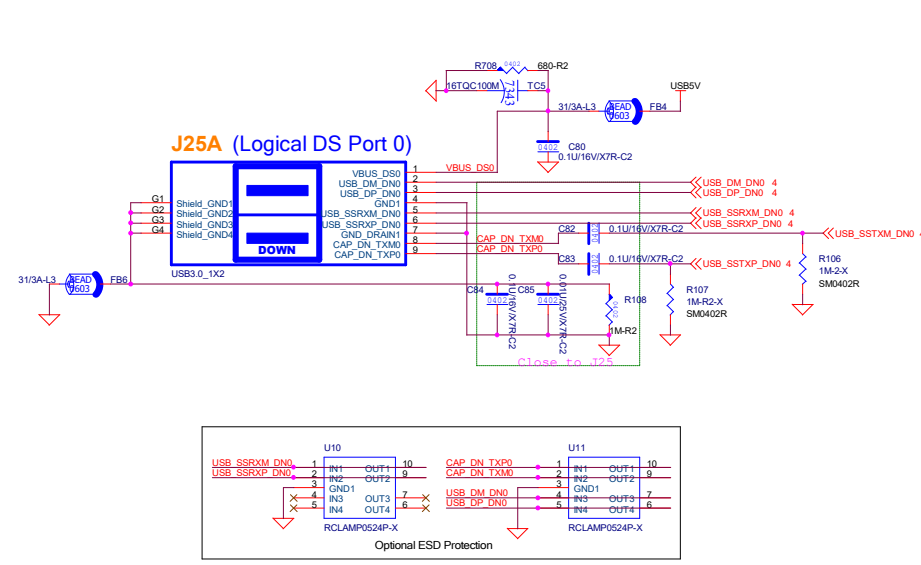
Micro-SD



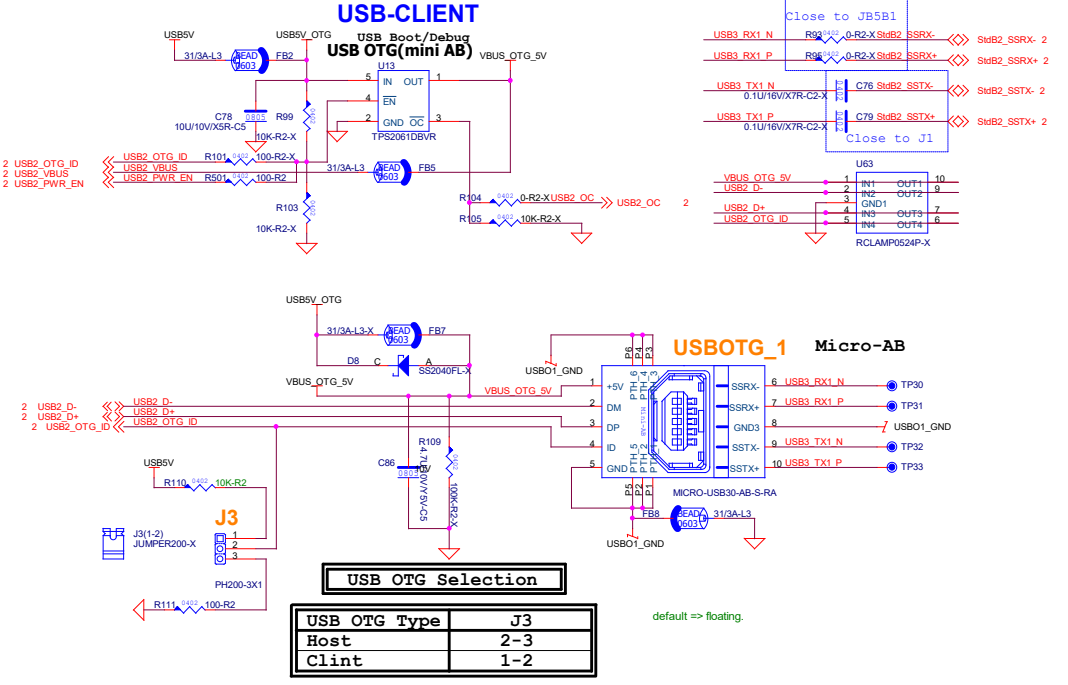
TechNexion

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DC-DC & M-SD & BatterySocket		
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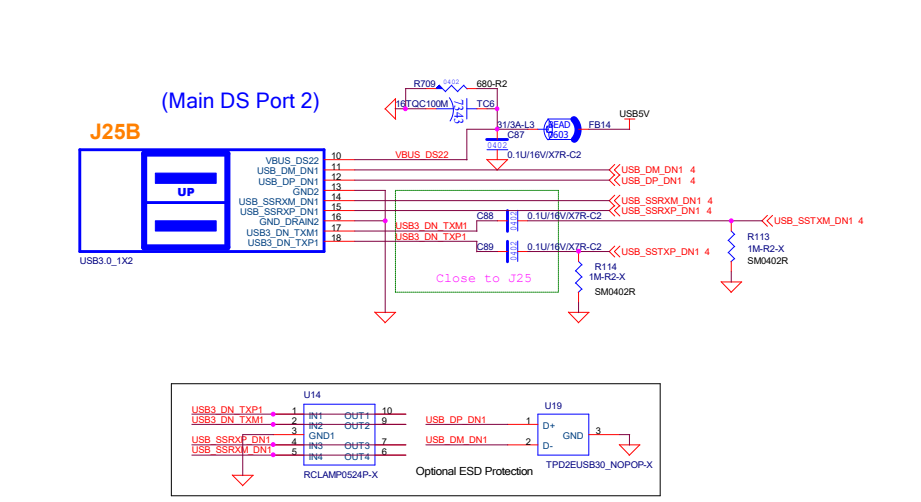
USB 3.0 Port 0



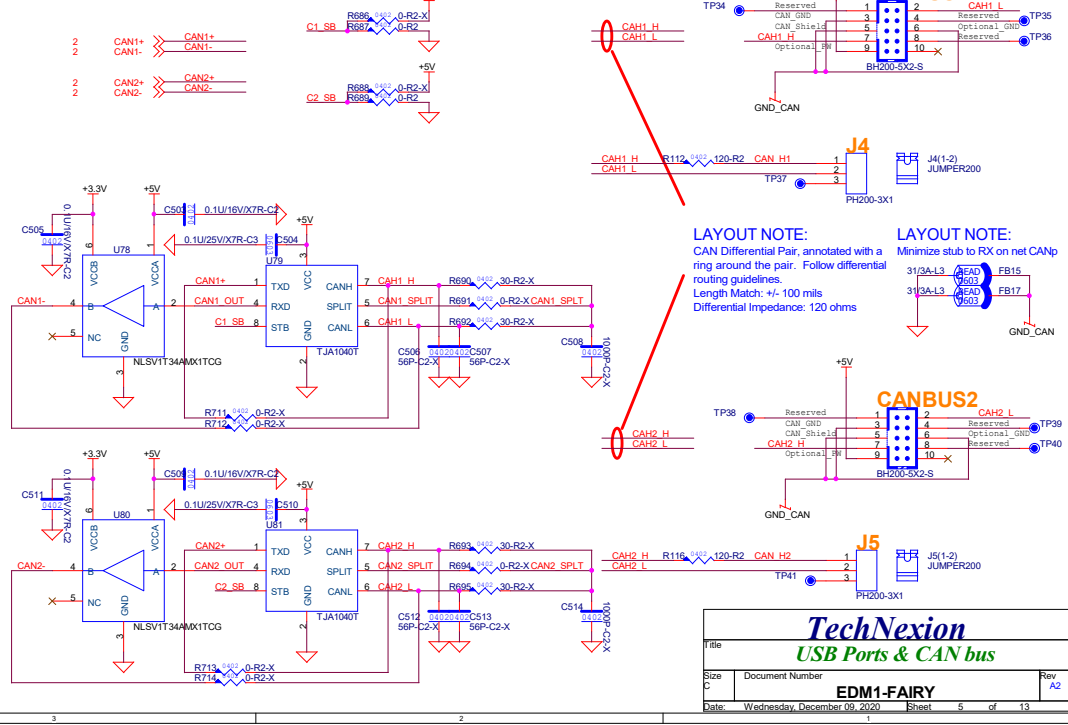
USB OTG



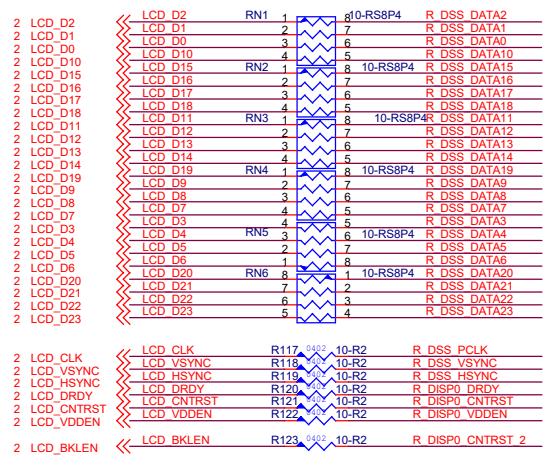
USB 3.0 Port 1



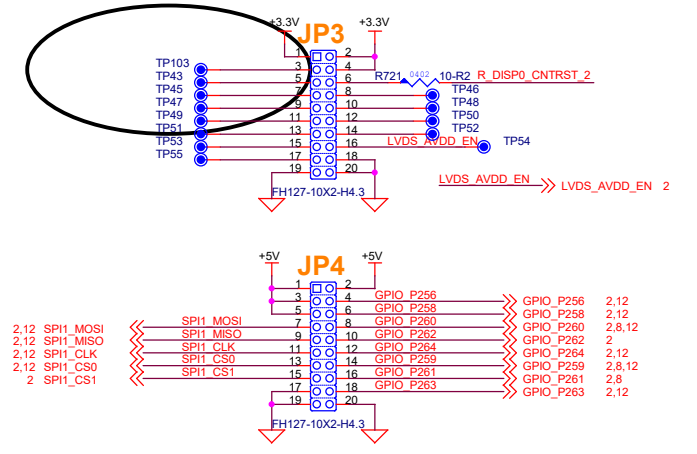
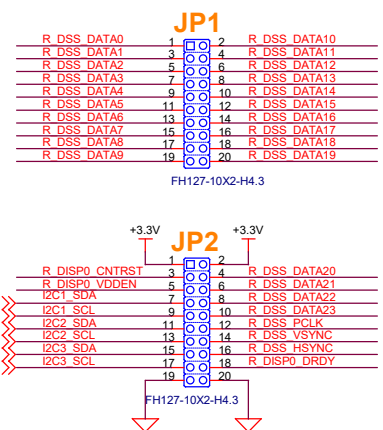
CAN Bus x 2



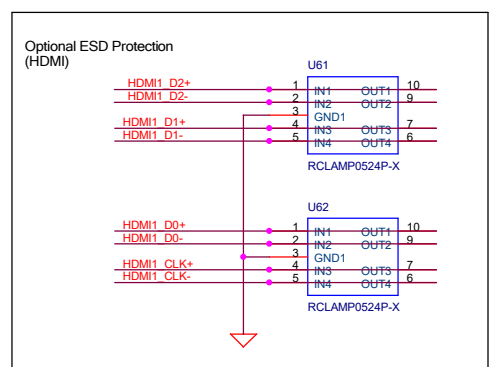
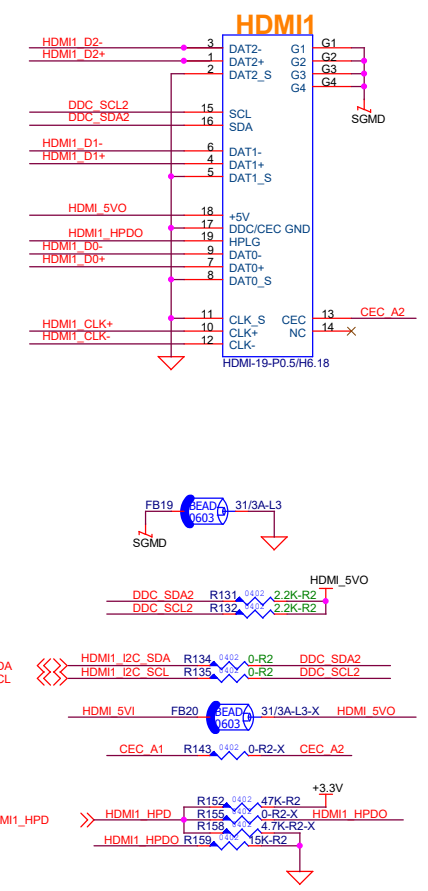
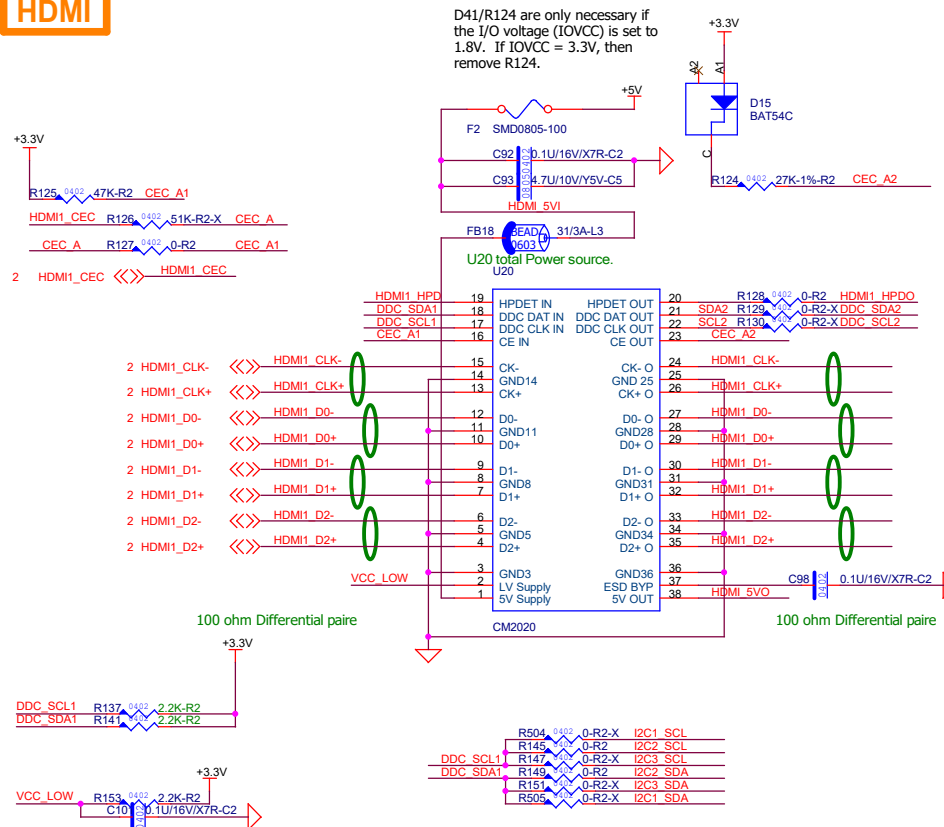
TTL



Headers JP1~4

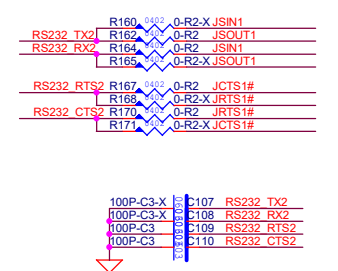
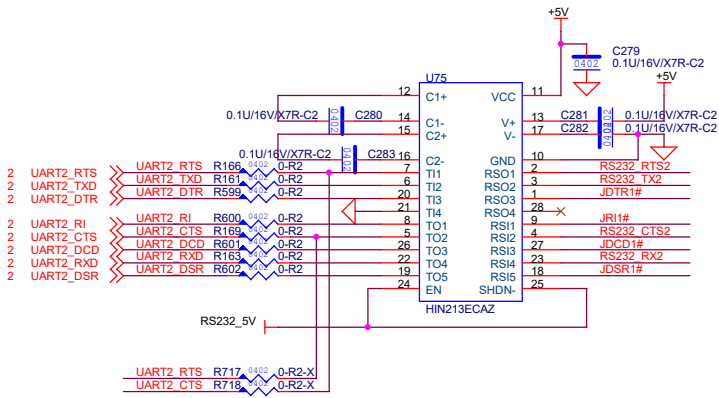


HDMI

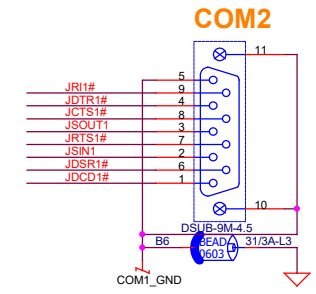


RS232

Uart2



RS232/422/485 @ DB-9

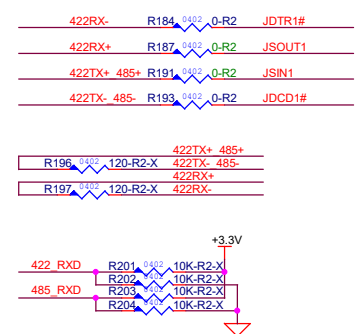
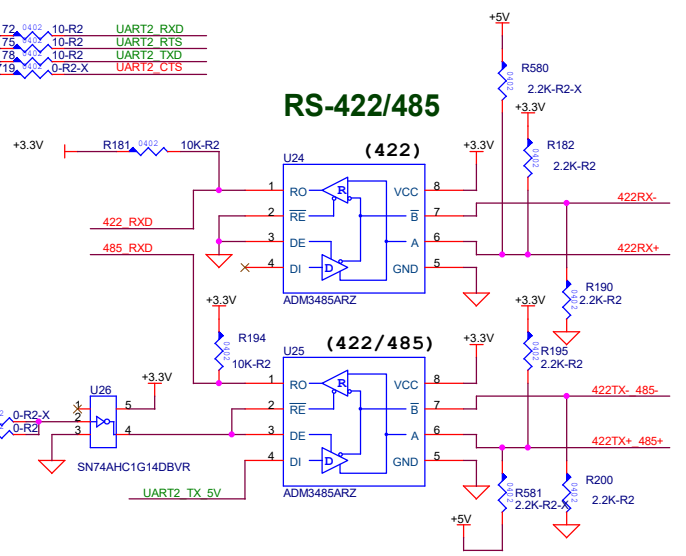


RS422/485

Uart2



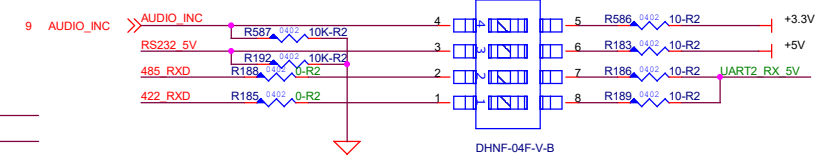
RS-422/485



Audio Output SELECT

SW1	SGTL5000	TLV320
4-5	OFF	ON

SW1



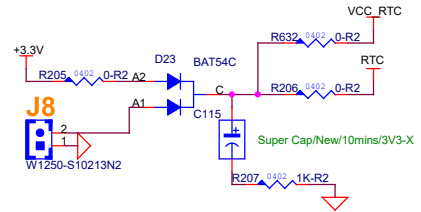
RS-232/485/422 SELECT (Com2)

SW1	RS-422	RS-485	RS-232
1-8	ON	OFF	OFF
2-7	OFF	ON	OFF
3-6	OFF	OFF	ON

TechNexion
RS232/422/485

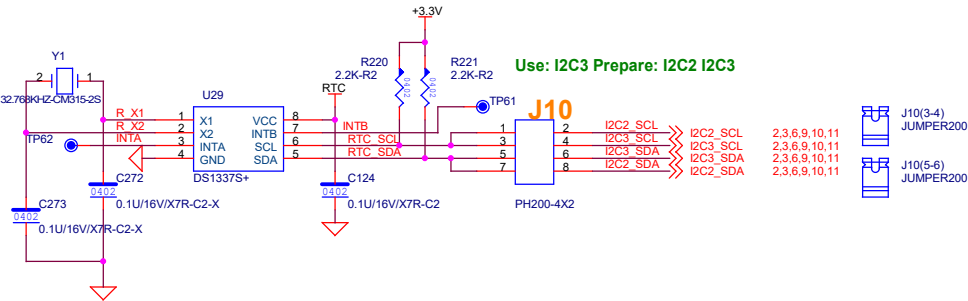
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RTC



I2C SEL @ RTC

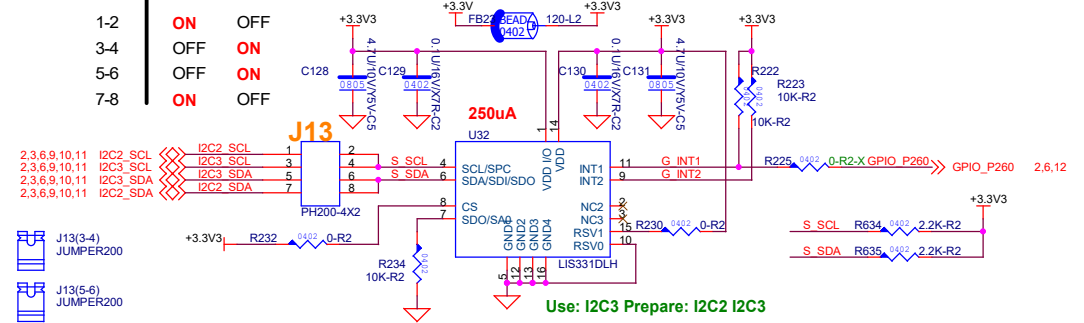
J10	I2C2	default	I2C3
1-2	ON	OFF	I2C3
3-4	OFF	ON	I2C2
5-6	OFF	ON	I2C3
7-8	ON	OFF	I2C2



3 axis sensor

I2C SEL @ 3 axis sensor

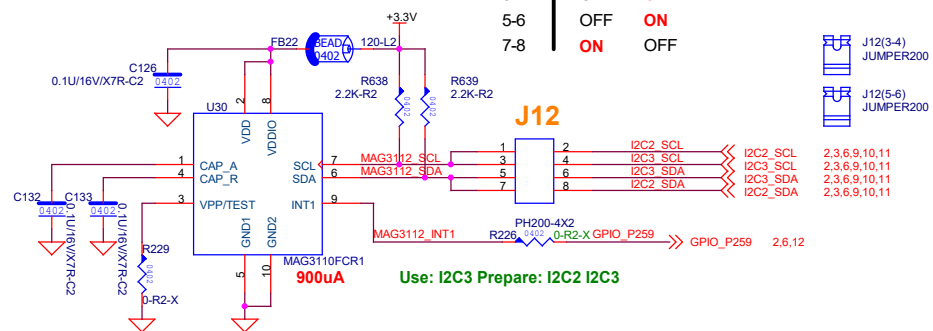
J13	I2C2	default	I2C3
1-2	ON	OFF	I2C3
3-4	OFF	ON	I2C2
5-6	OFF	ON	I2C3
7-8	ON	OFF	I2C2



eCOMPASS

I2C SEL @ eCOMPASS

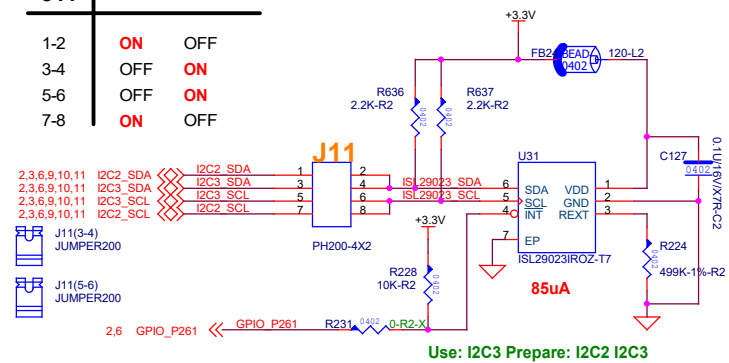
J12	I2C2	default	I2C3
1-2	ON	OFF	I2C3
3-4	OFF	ON	I2C2
5-6	OFF	ON	I2C3
7-8	ON	OFF	I2C2



LIGHT-SENSOR

I2C SEL @ Light-Sensor

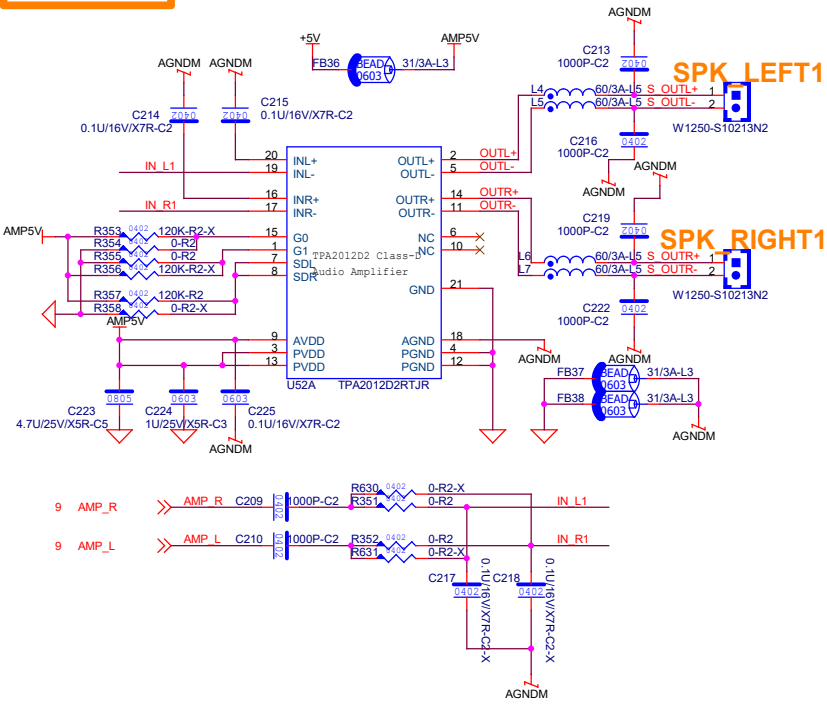
J11	I2C2	default	I2C3
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3-4	OFF	ON	I2C2
5-6	OFF	ON	I2C3
7-8	ON	OFF	I2C2



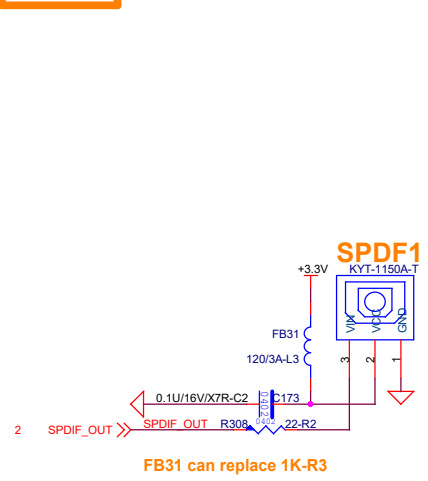
TechNexion
Others

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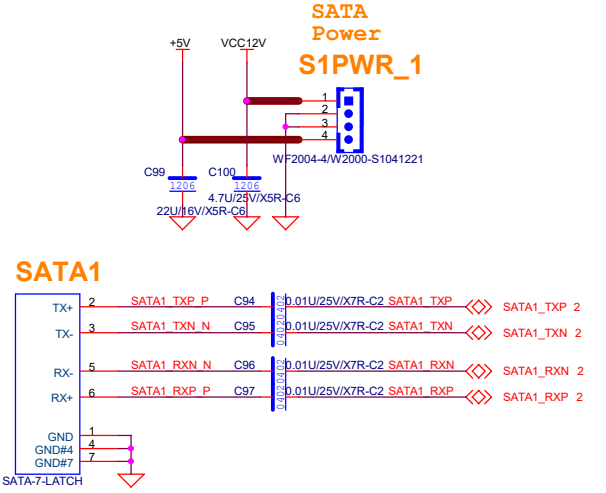
AUDIO AMP



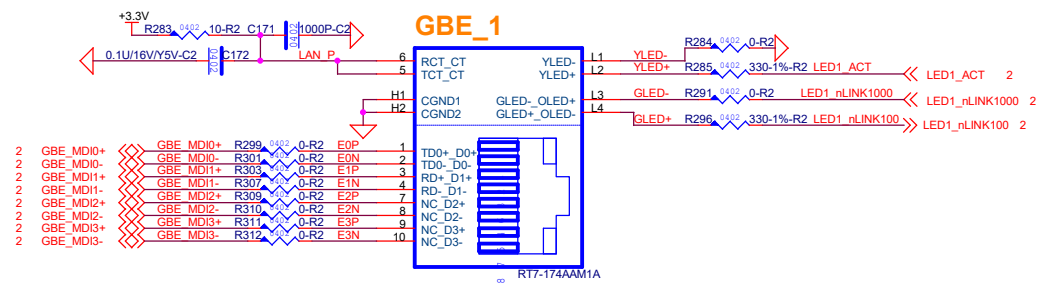
SPDIF



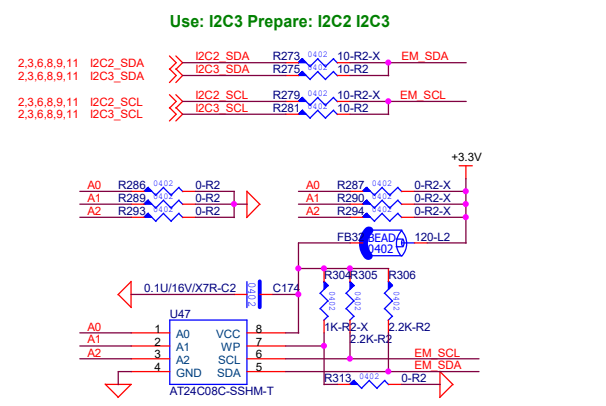
SATA



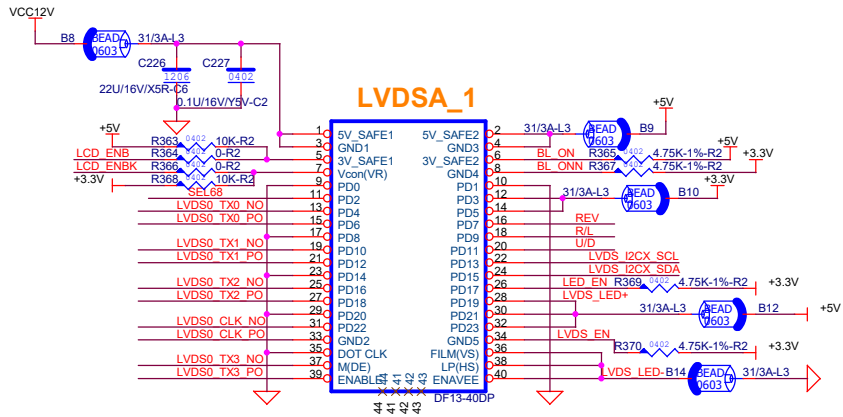
RJ45



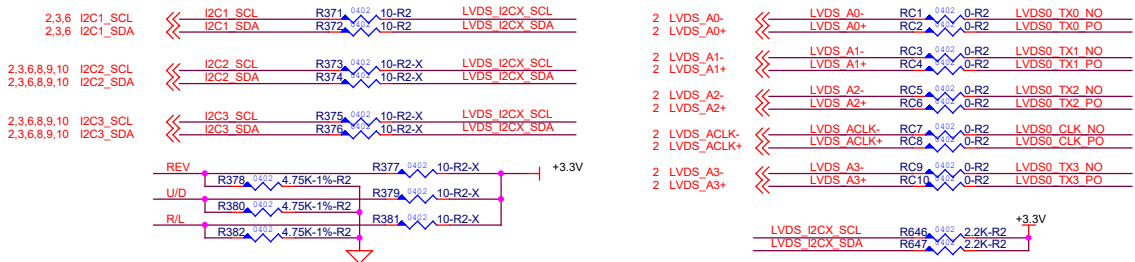
EEPROM



LVDS

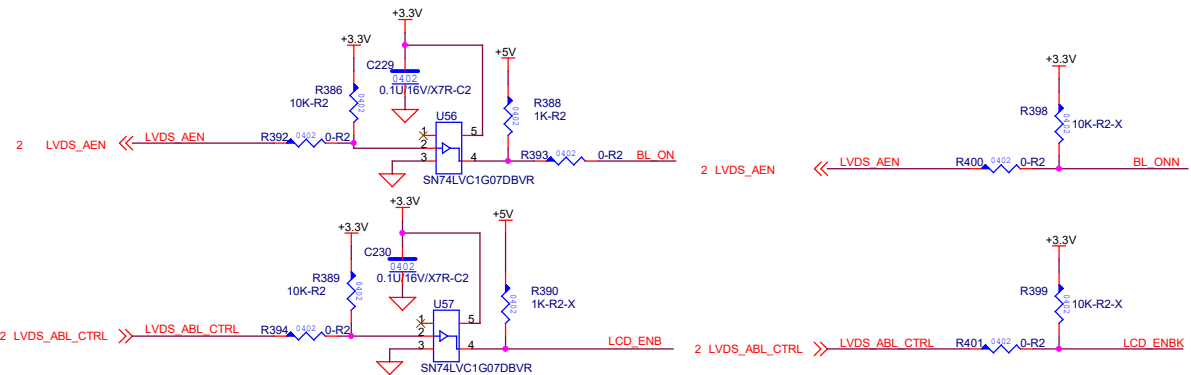
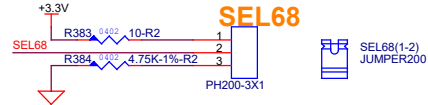


Use: I2C3 Prepare: I2C1 I2C2 I2C3

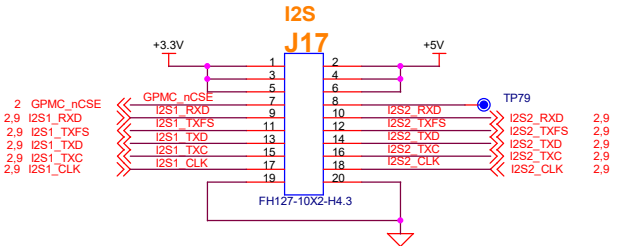
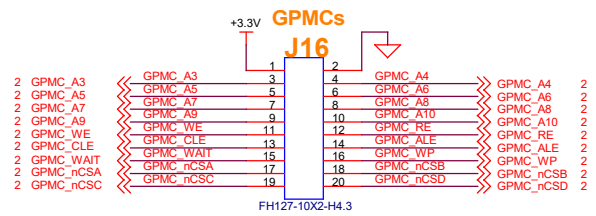
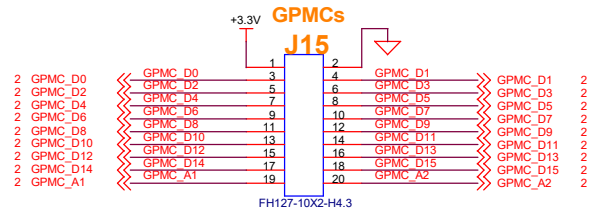


Pull H/L	SEL68
High	1-2
Low	2-3

default



CONN



Revision History

Revision	Date	Change Description
A2	2018-08-25	Release

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