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REVISION HISTORY

1. Design Revision V1.0 : Preliminary design.
Date: 29th April 2014
2. Design Revision V1.0 :
- Ethernet_SchDoc : Added Note 15, about SODIMM_191 (ETH_AGND) pin. Added error notes for ETH_TX0_P/N signals.
Date: 01th Sept 2014

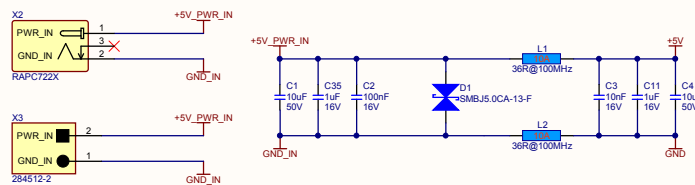
IF IN DOUBT ASK



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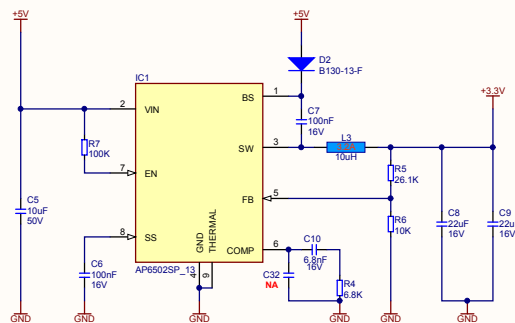
Title <i>Viola</i>			Toradex AG Altsagenstrasse 5 Horn 6048 Switzerland
Size: A3	Number: 2	Revision: V1.0	
Date: 9/1/2014	Time: 5:39:33 PM	Sheet 2 of 12	
File: RevisionHistory_SchDoc			

Input Power- Overvoltage Protection and EMI Filter

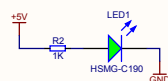


Notes 1:
Recommended Power Input:
Voltage: 5V, +/- 0.25V, Current: 5A (MAX)
Important: Power supply is not reverse polarity protected

DC/DC Buck Regulator: 5V to 3.3V, 2A

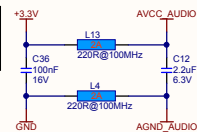


Input Power- Power-On Indication

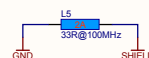


Analogue/Audio Power

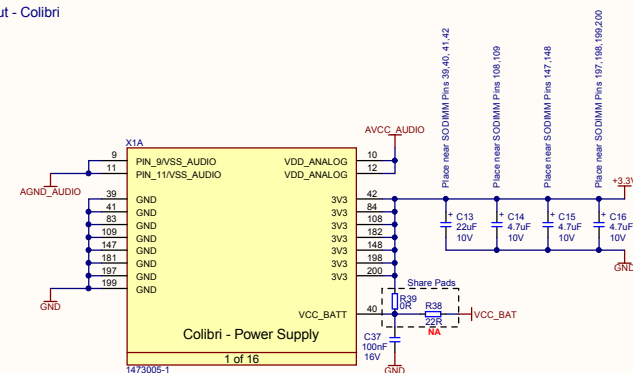
Notes 2:
L13 can be replaced by
0R ohm resistor.
Need to test.



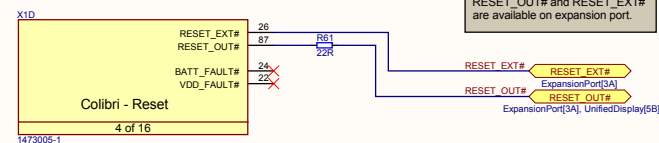
ESD Shield



Power Input - Colibri

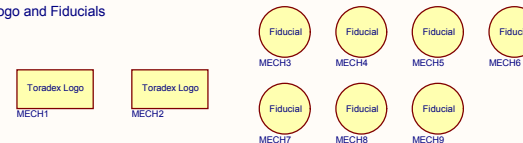


Power Reset and Control - Colibri



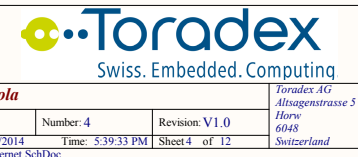
Notes 3:
RESET_OUT# and RESET_EXT#
are available on expansion port.

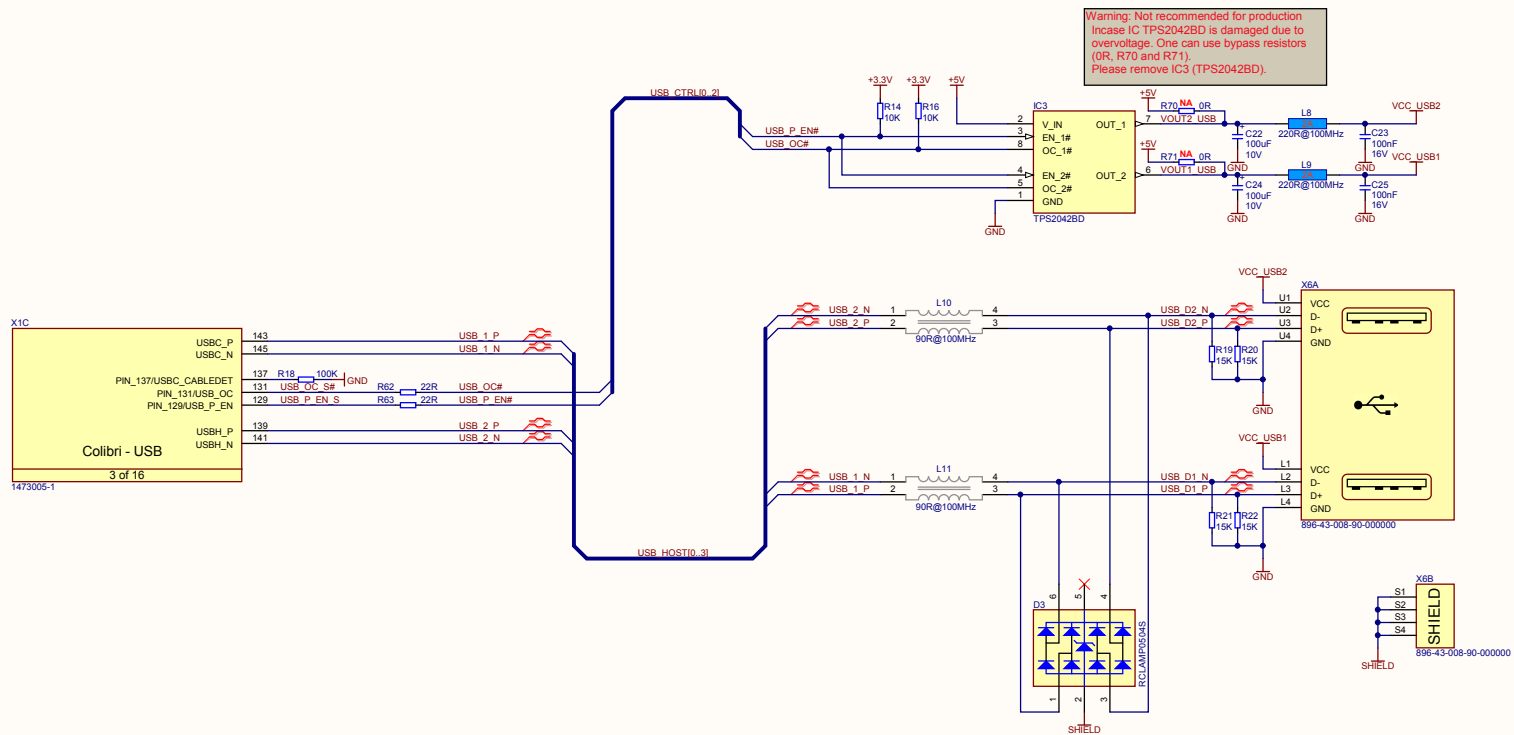
Mechanical - Logo and Fiducials

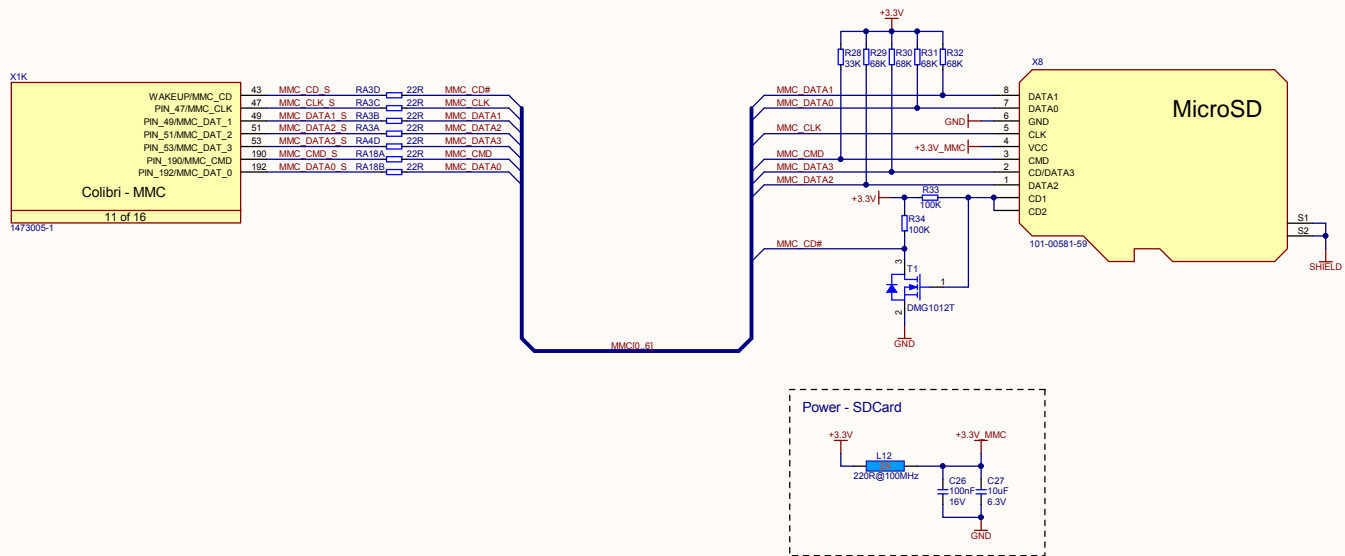


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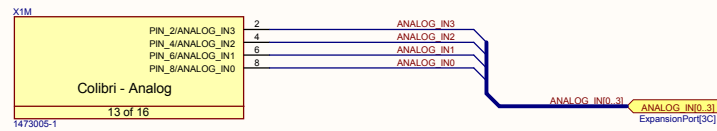
Title: Viola	Size: A3	Number: 3	Revision: V1.0	Toradex AG Altschmiedstrasse 5 Horn 6048 Switzerland
Date: 9/1/2014	Time: 5:39:33 PM	Sheet 3 of 12	File: PowerSupply_SchDoc	



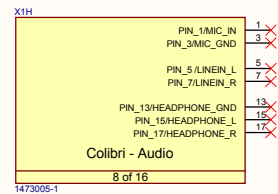




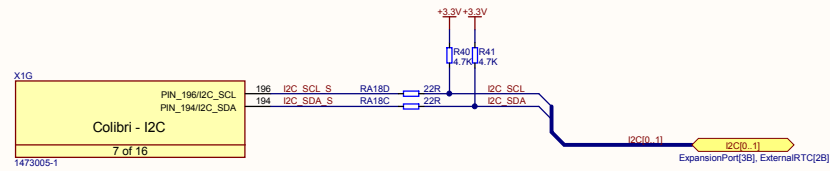
Analog Input -Colibri



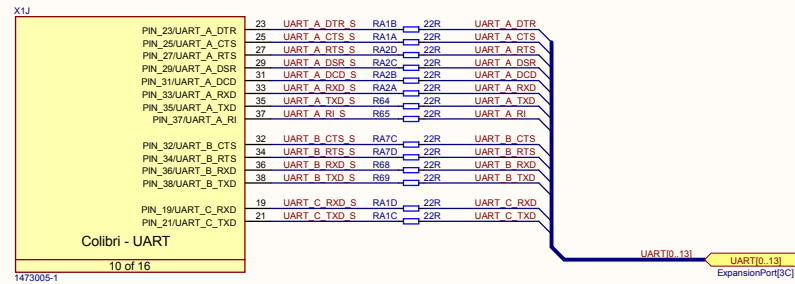
Audio Output/Microphone - Colibri



I2C - Colibri



Universal Asynchronous Receiver/Transmitter - Colibri



Serial Peripheral Interface/ Controller Area Network - Colibri

