

PBA-CD-02

phyBOARD Wega-AM335

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PHYTEC

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Robert-Koch-Strasse 39
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Project:
PBA-CD-02

Department : F&E
Author: M. Dzierzawa

05.05.2014

PCB-No.: 1405.2

Revision : 001

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Project Overview

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15	Blocking

Operating Ratings

Operating Votage: 5V +/- 5%

Size: 100mm x 72mm x 40mm

	EUROPE	NORTH AMERIKA
Address:	PHYTEC Messtechnik GmbH Robert-Koch-Str. 39 D-55129 Mainz GERMANY	PHYTEC America LLC 203 Parfitt Way SW, Suite G100 Bainbridge Island, WA 98110 USA
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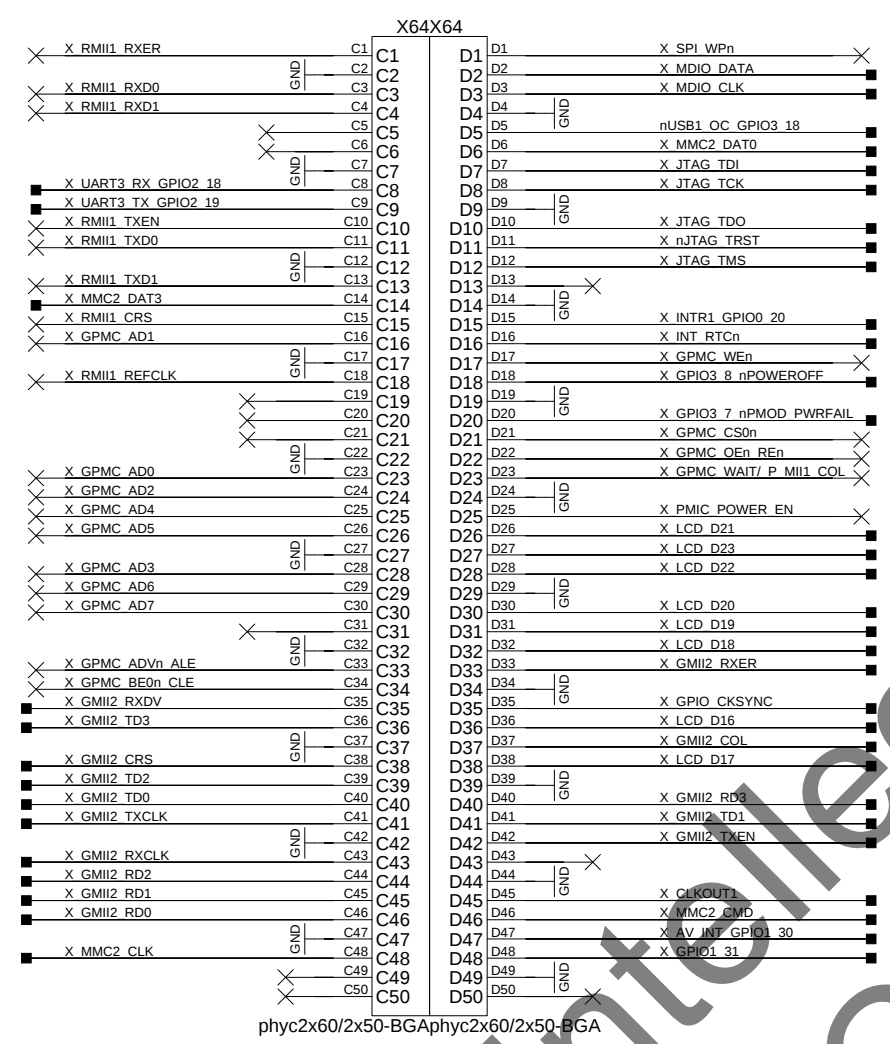
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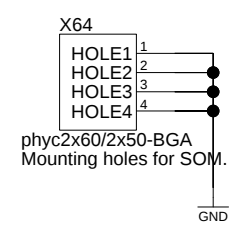
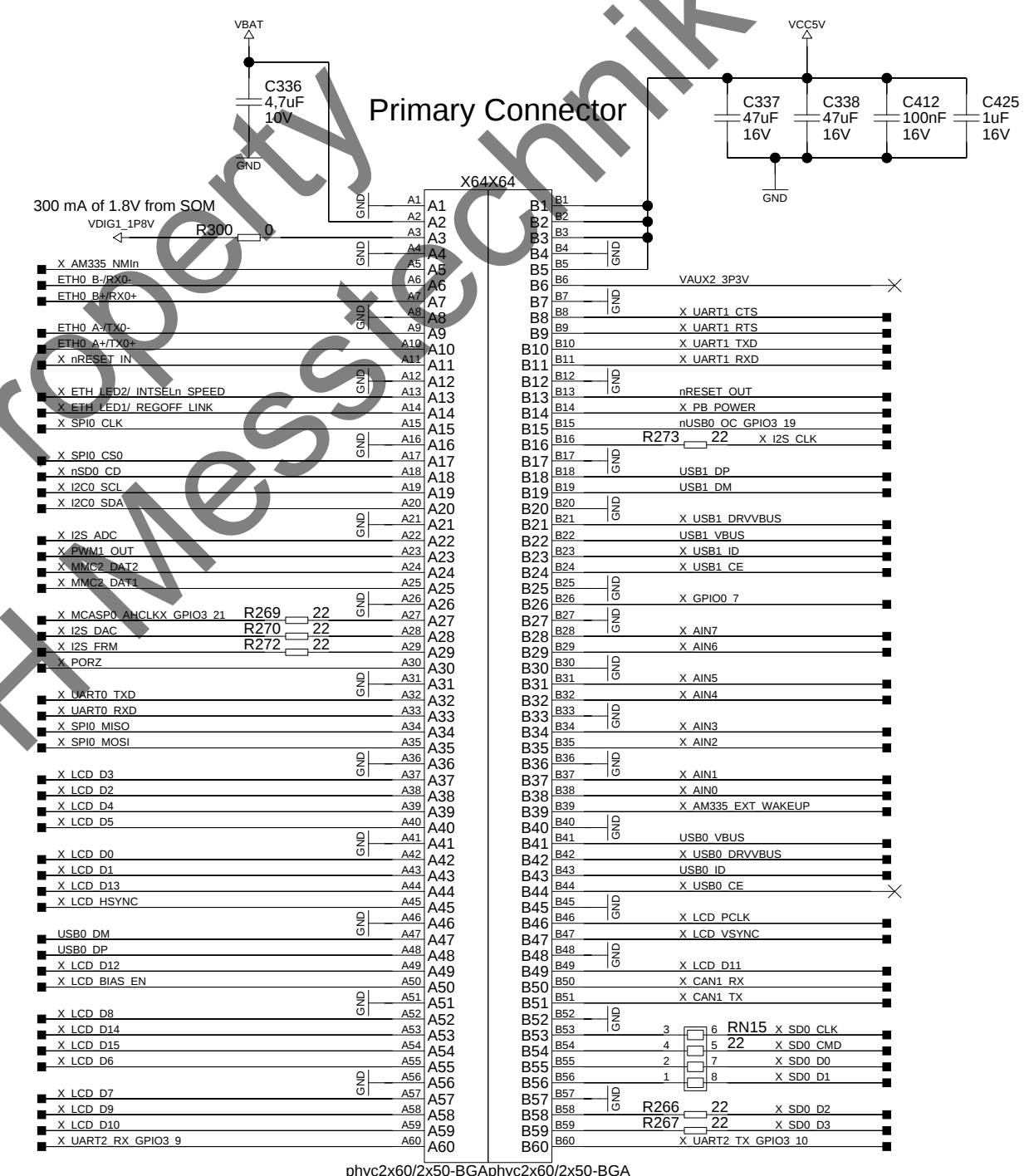
phyCORE AM335x connectors

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Optional Connector

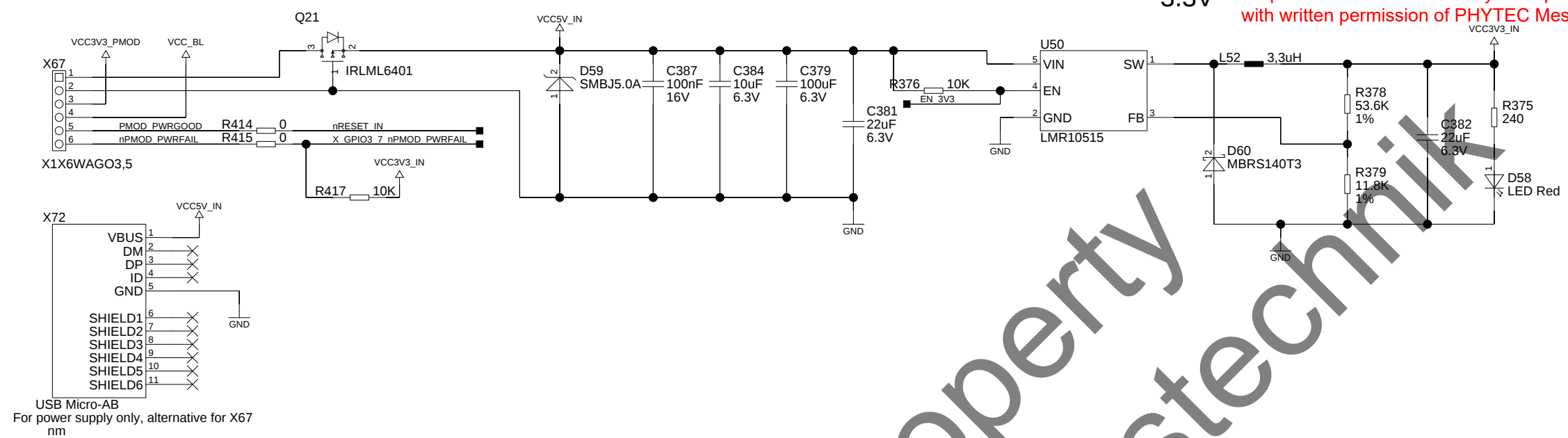


Primary Connector



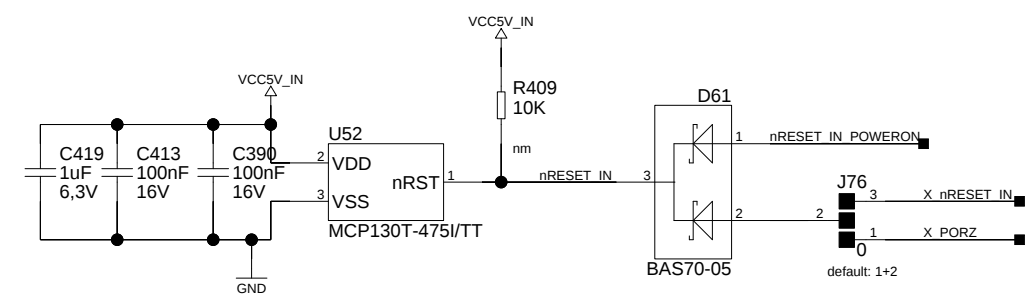
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Power

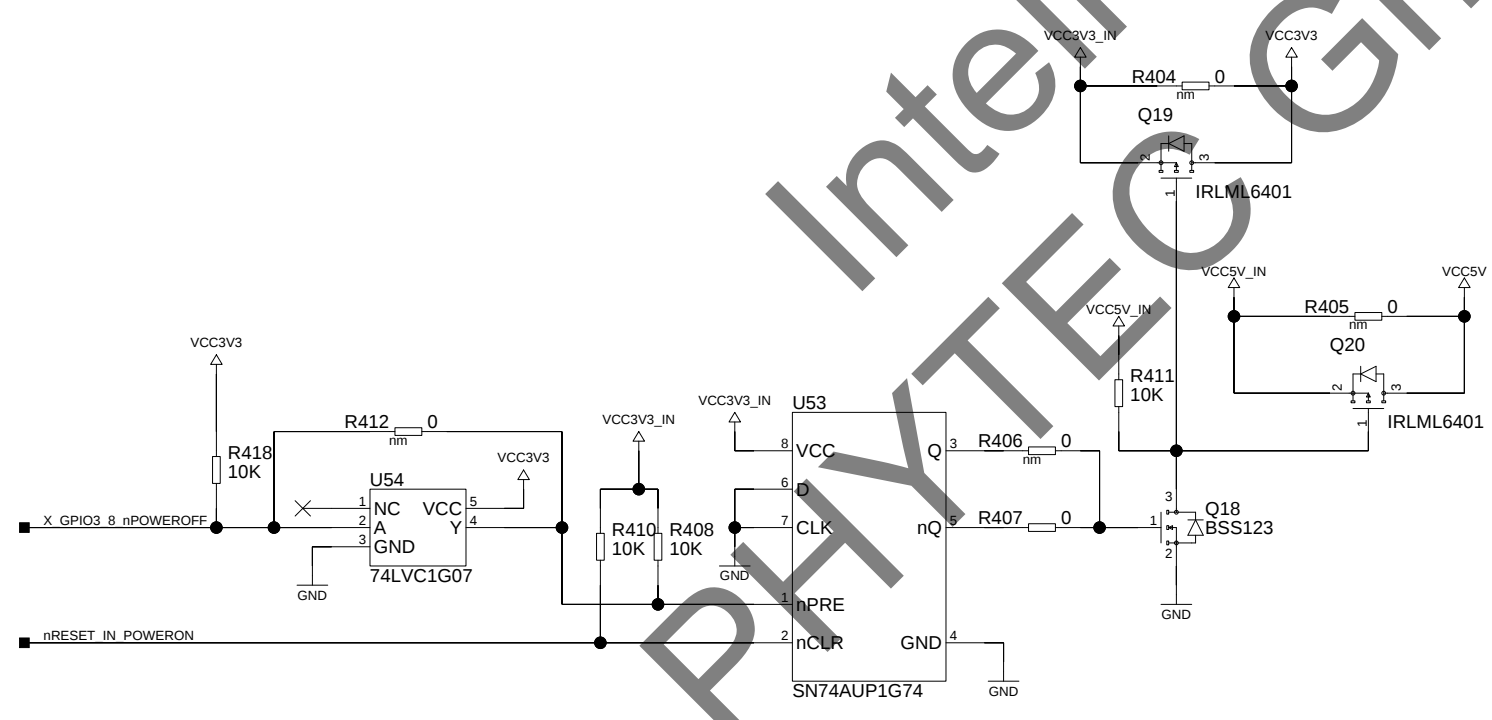


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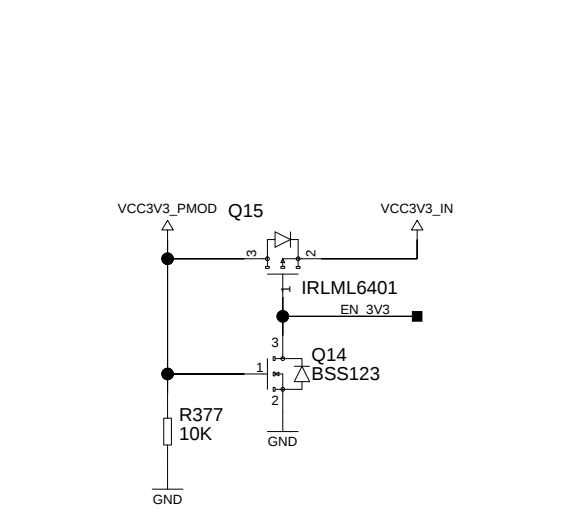
Voltage supervisor



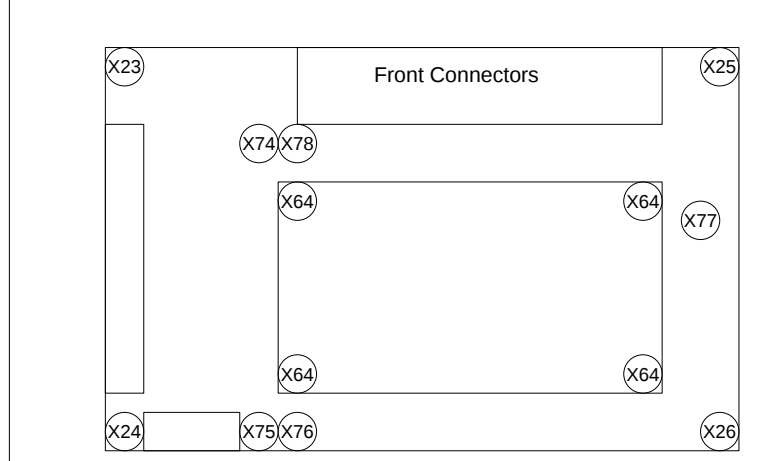
Power switch circuit



3V3 supply selector



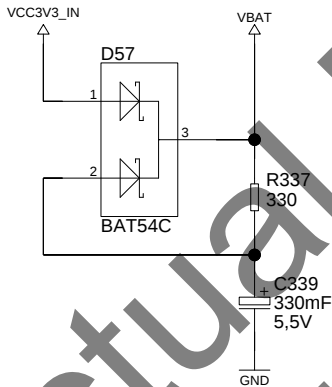
Drill Hole placement



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Backup

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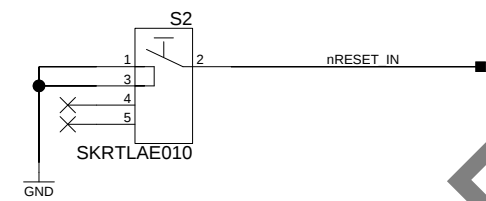


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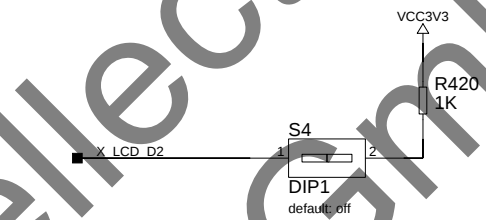
Button/Switch

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Reset Button



Boot Switch

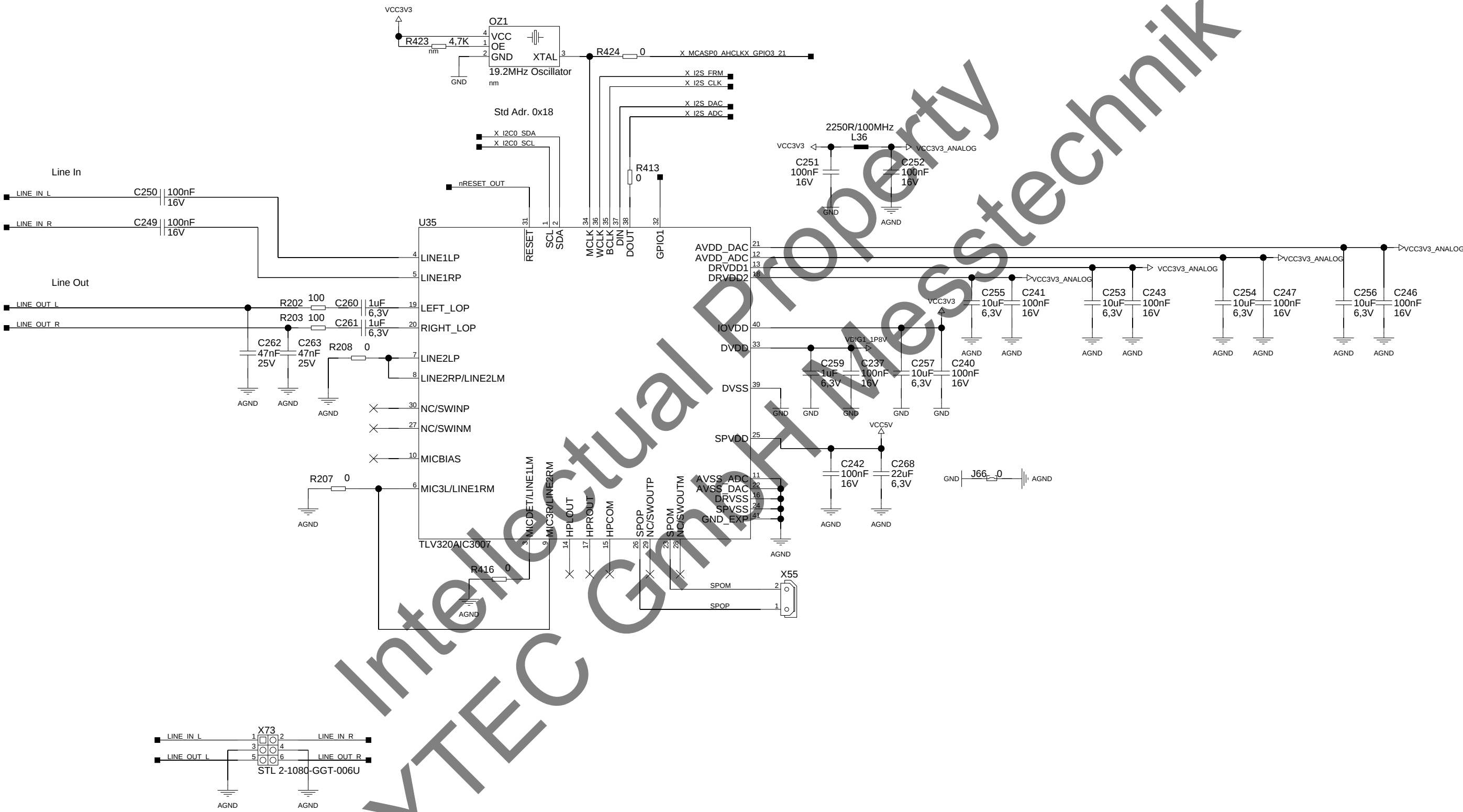


Switch between Boot mode 1 and Boot mode 2:
Boot mode 1 (S4=OFF): SYSBOOT[4:0]=10011b: NAND, NANDI2C, MMC0, UART
Boot mode 2 (S4=ON) : SYSBOOT[4:0]=10111b: MMC0, SPI0, UART0, USB

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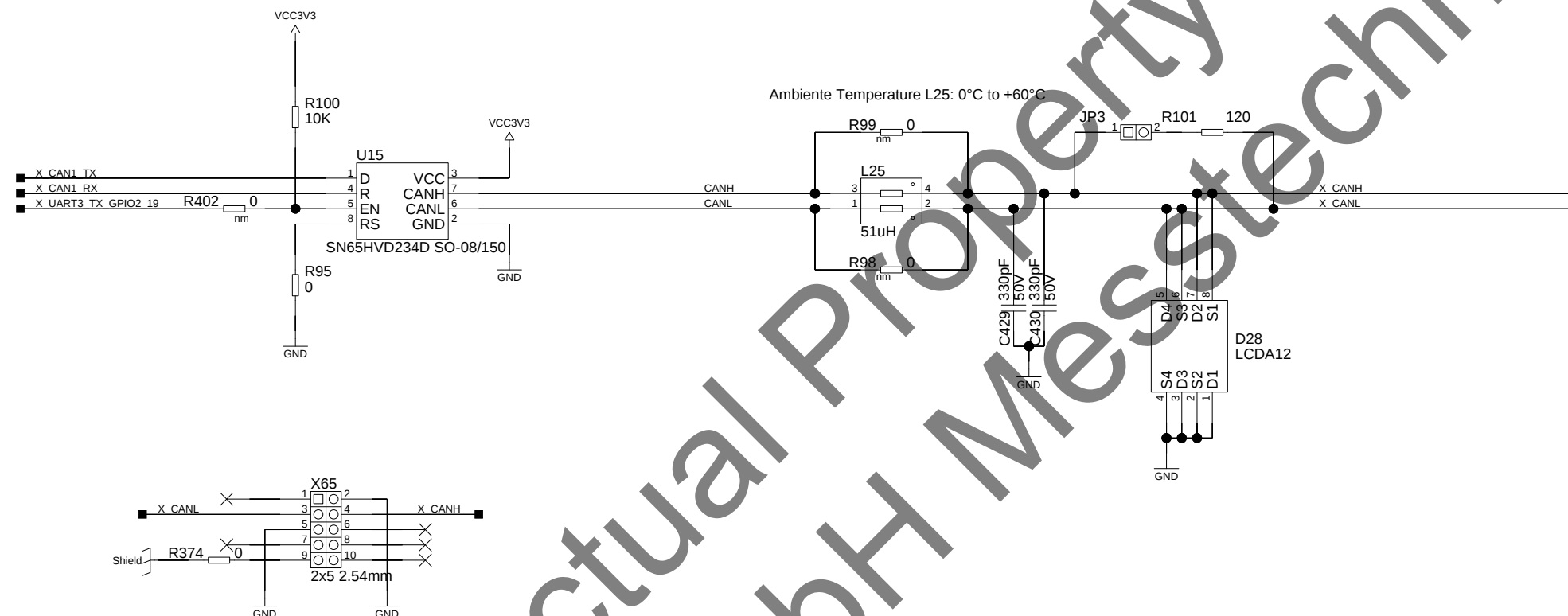
Audio Codec

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CAN

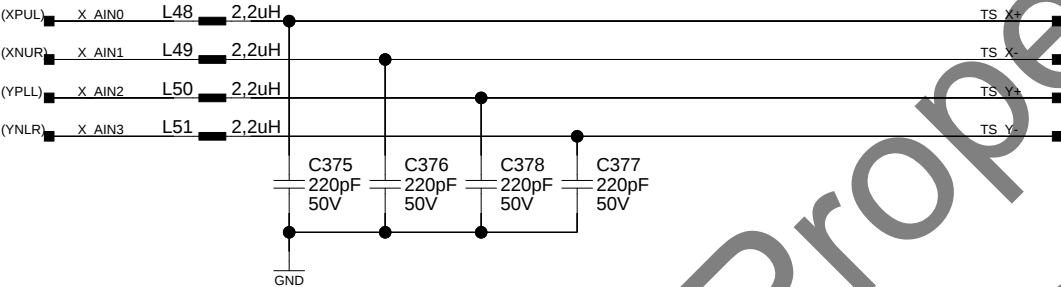


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Touch

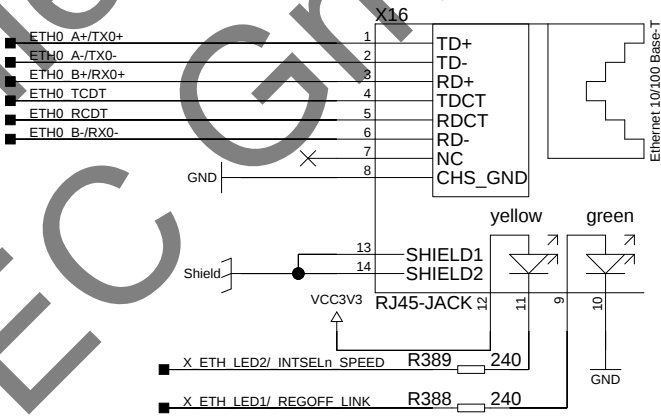
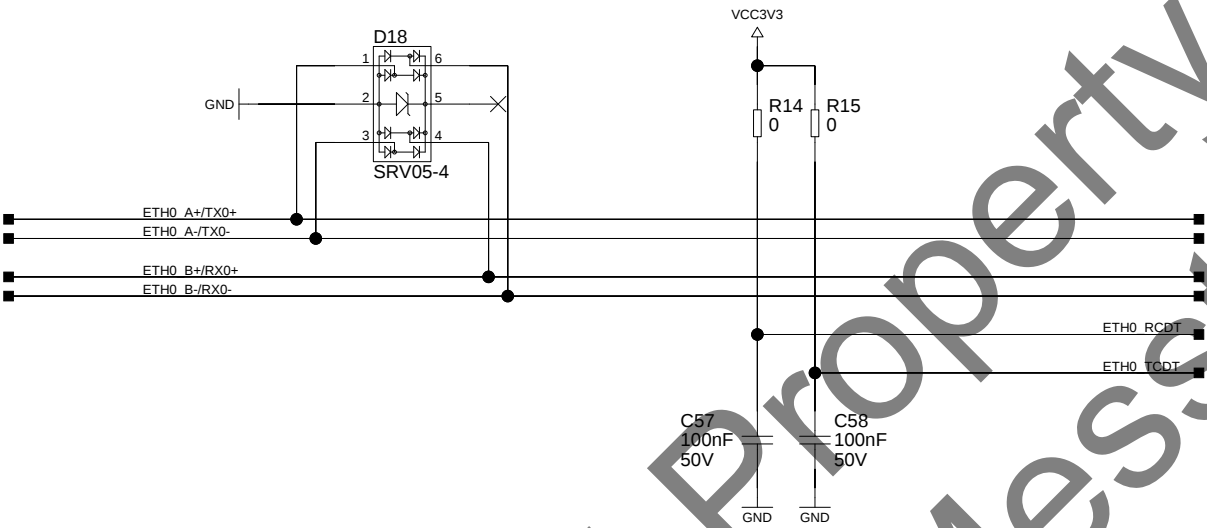
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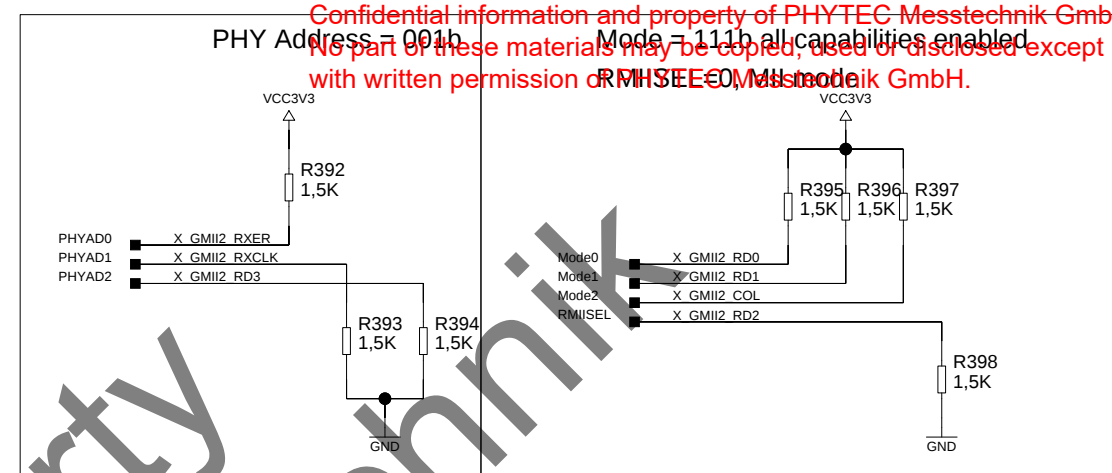
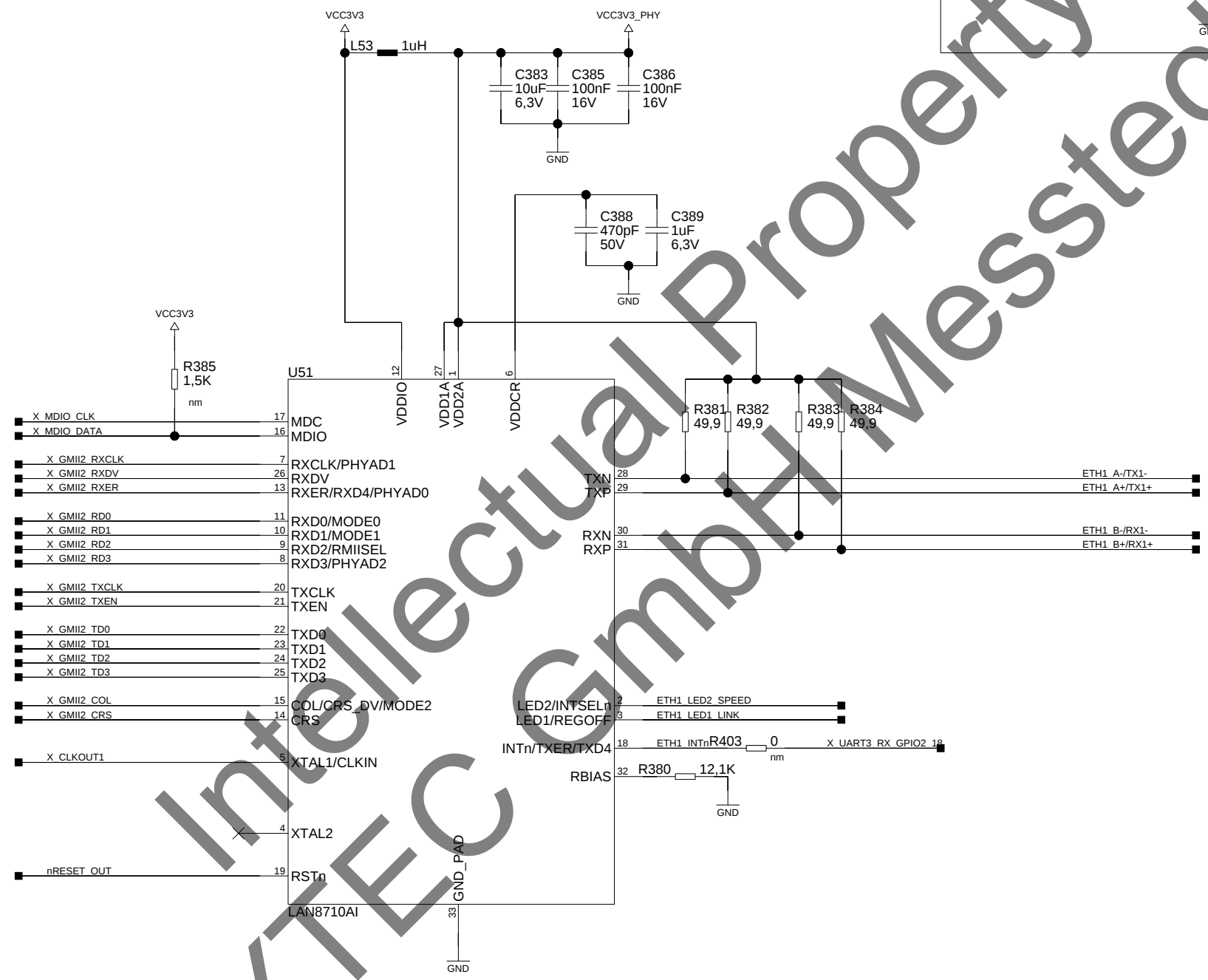
Ethernet0 10/100Mbit

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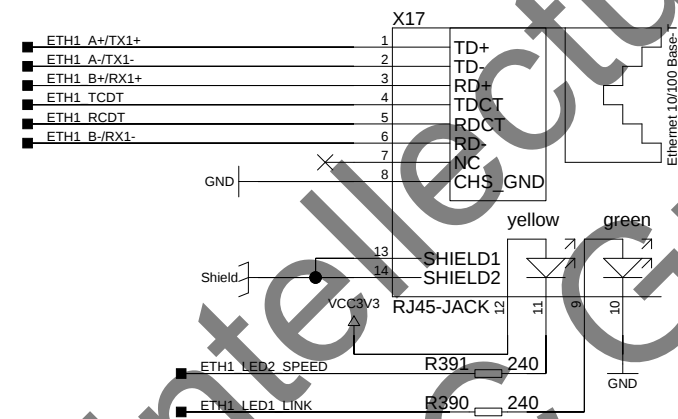
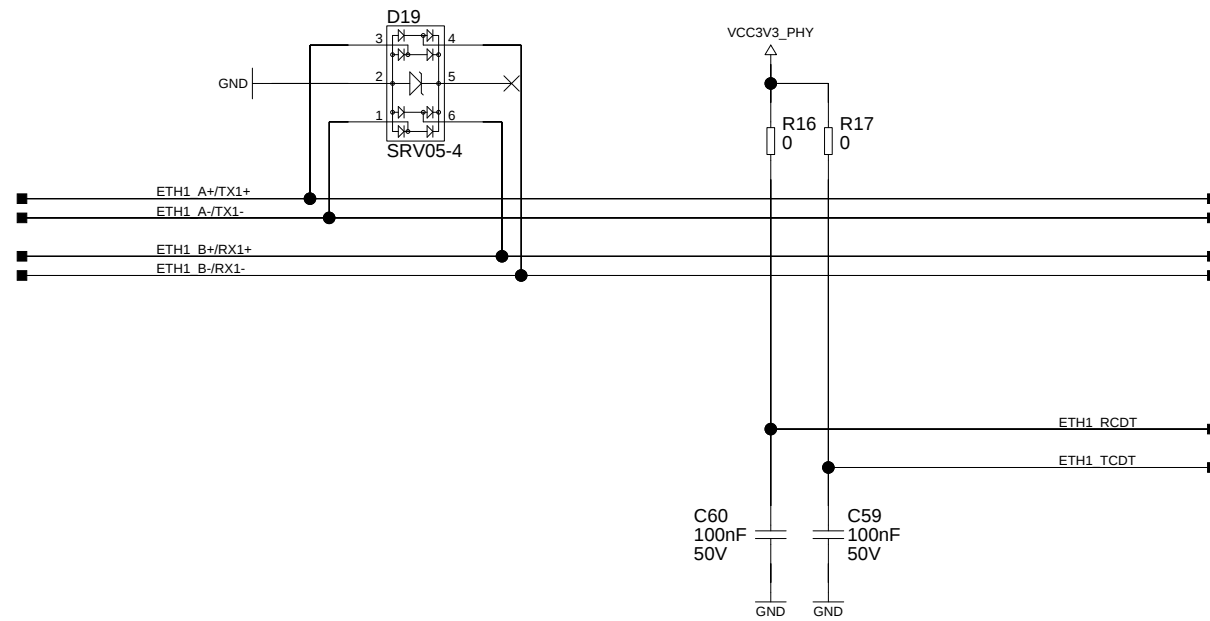
ETH1 Phy



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Ethernet1 10/100Mbit

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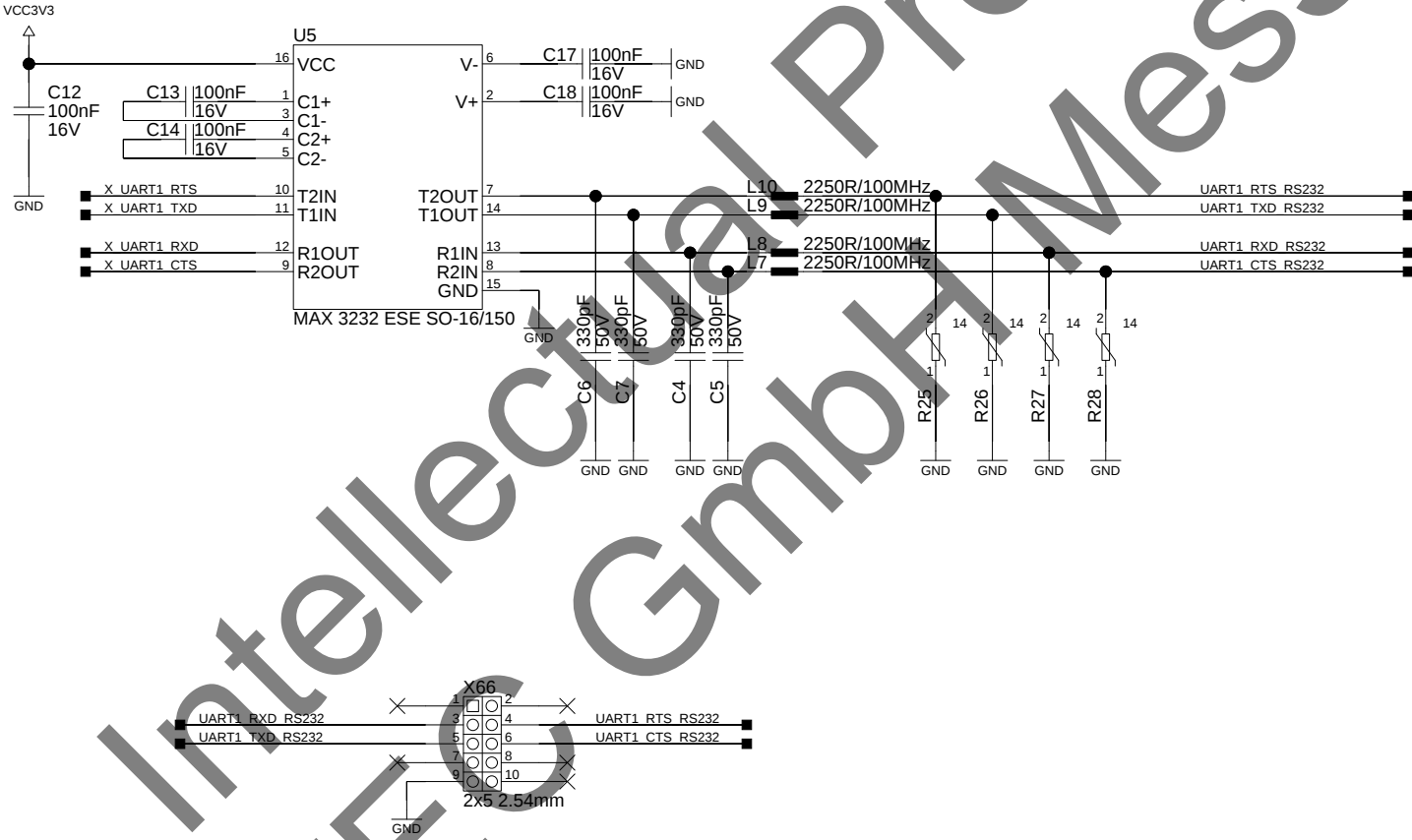
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UART1_RS232

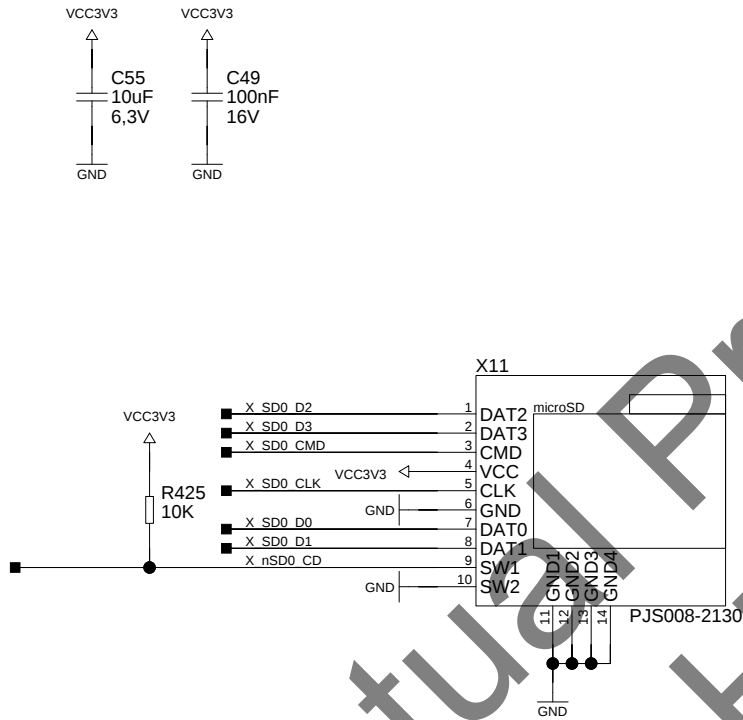
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SD0 Card

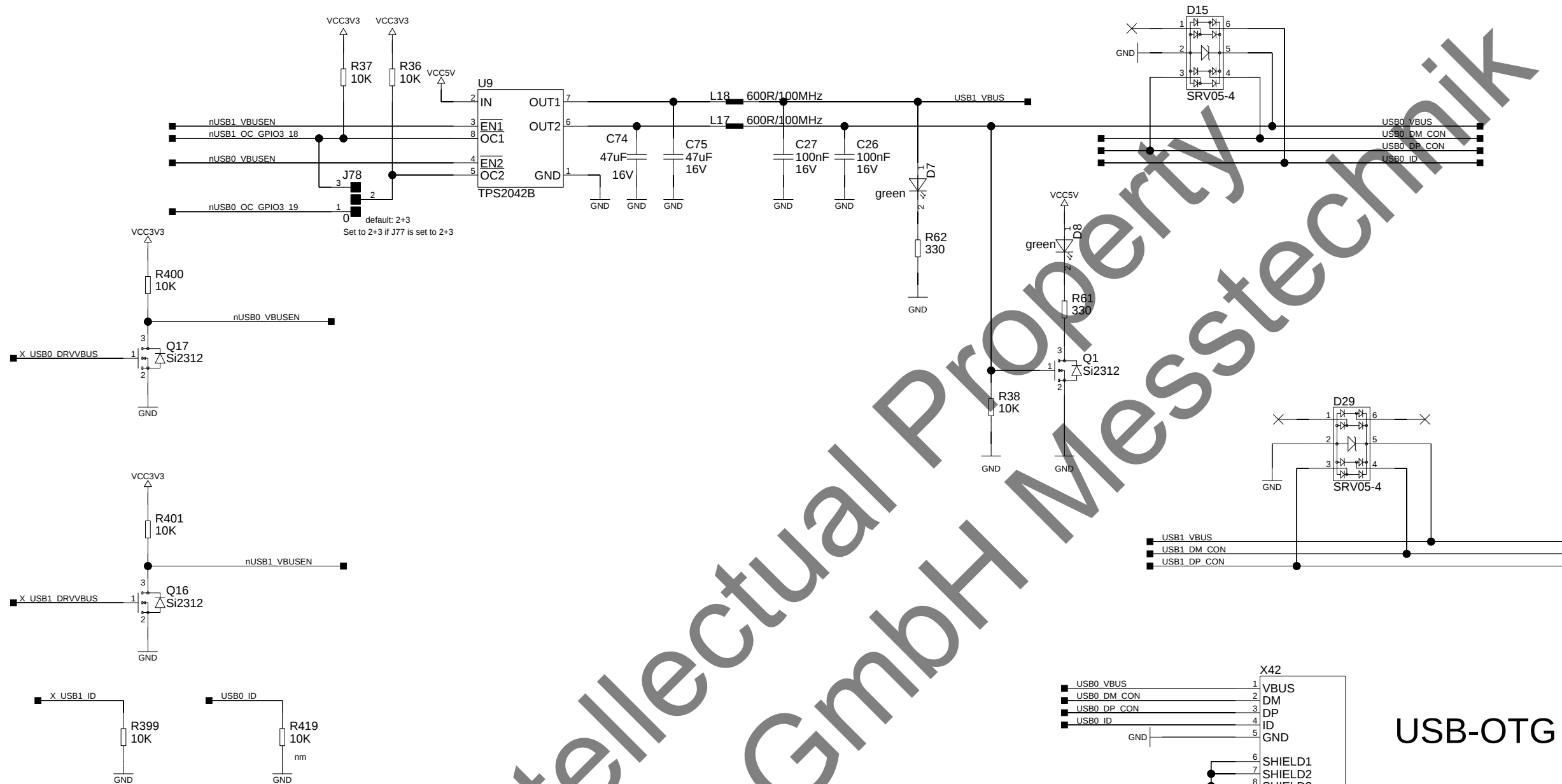
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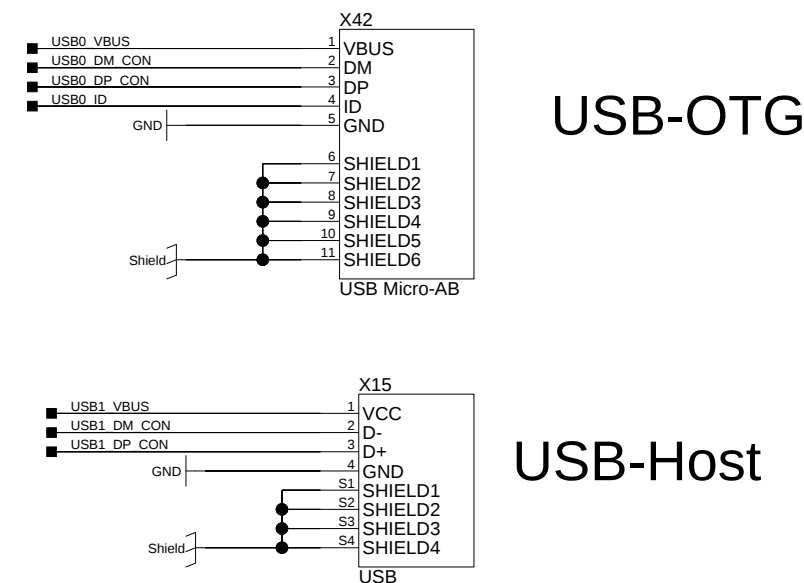
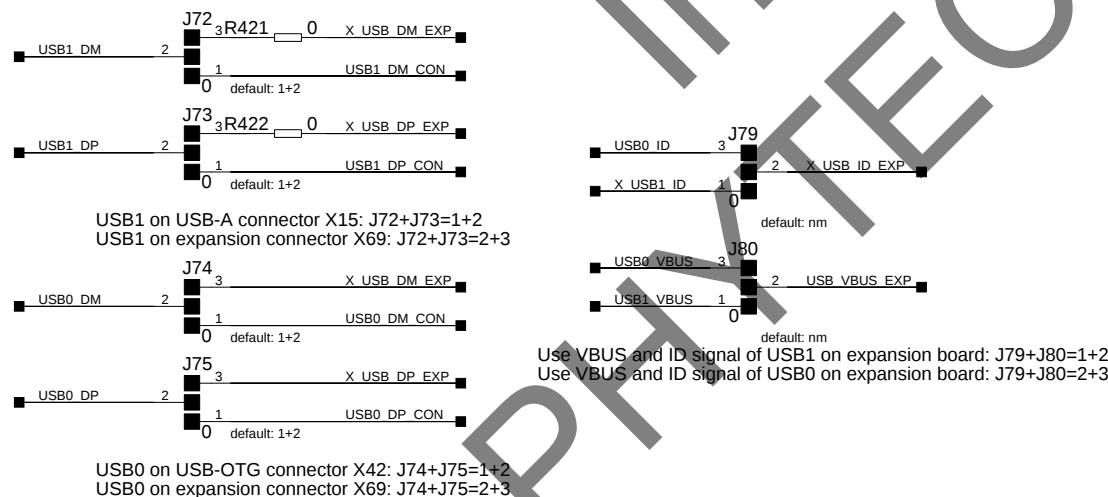
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USB

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Only one of the USB interfaces can be routed to expansion connector!



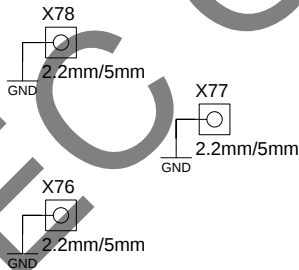
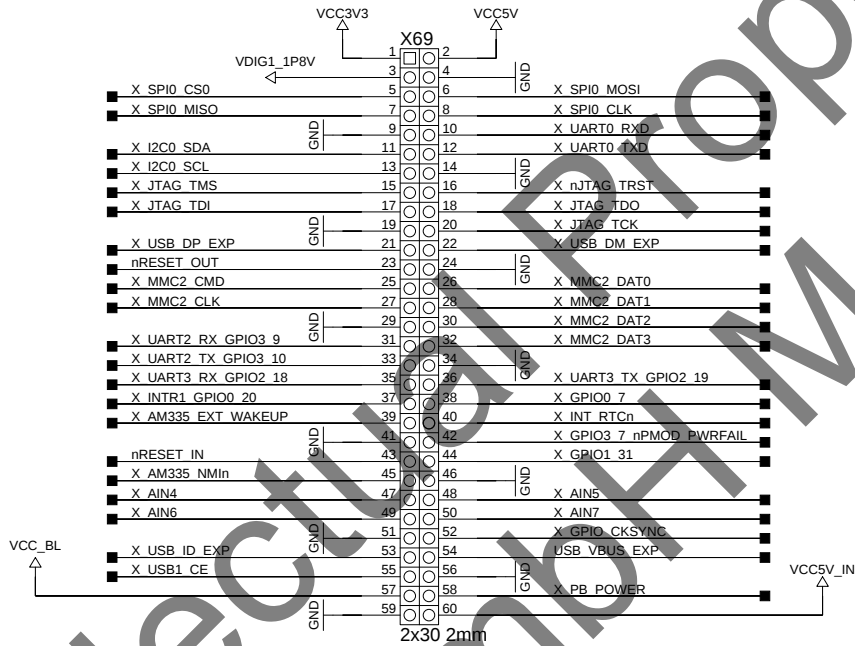
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Expansion connector

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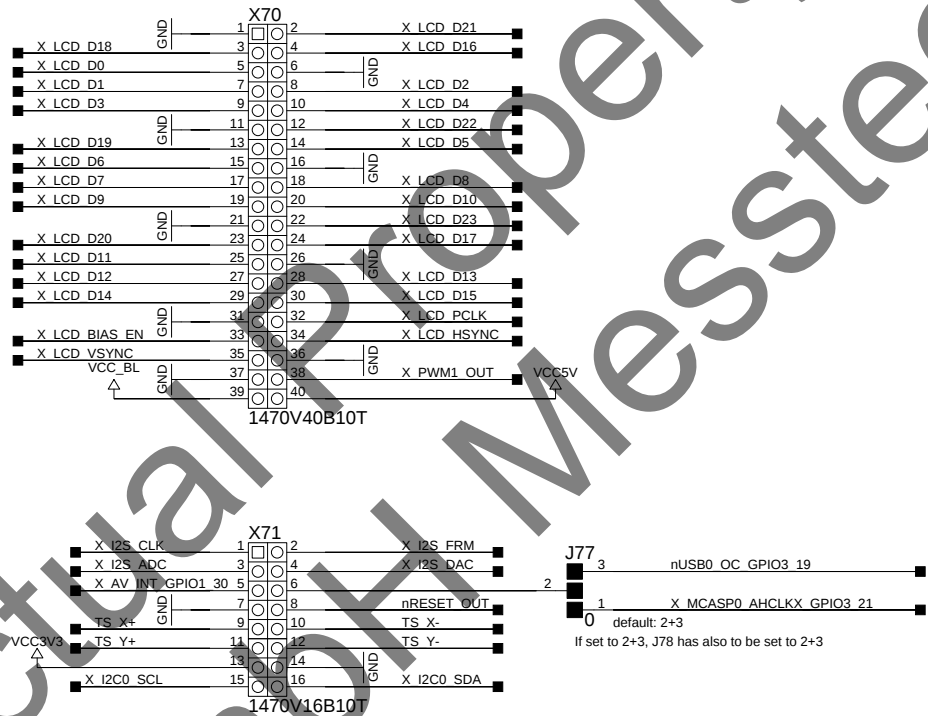
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A/V Connector

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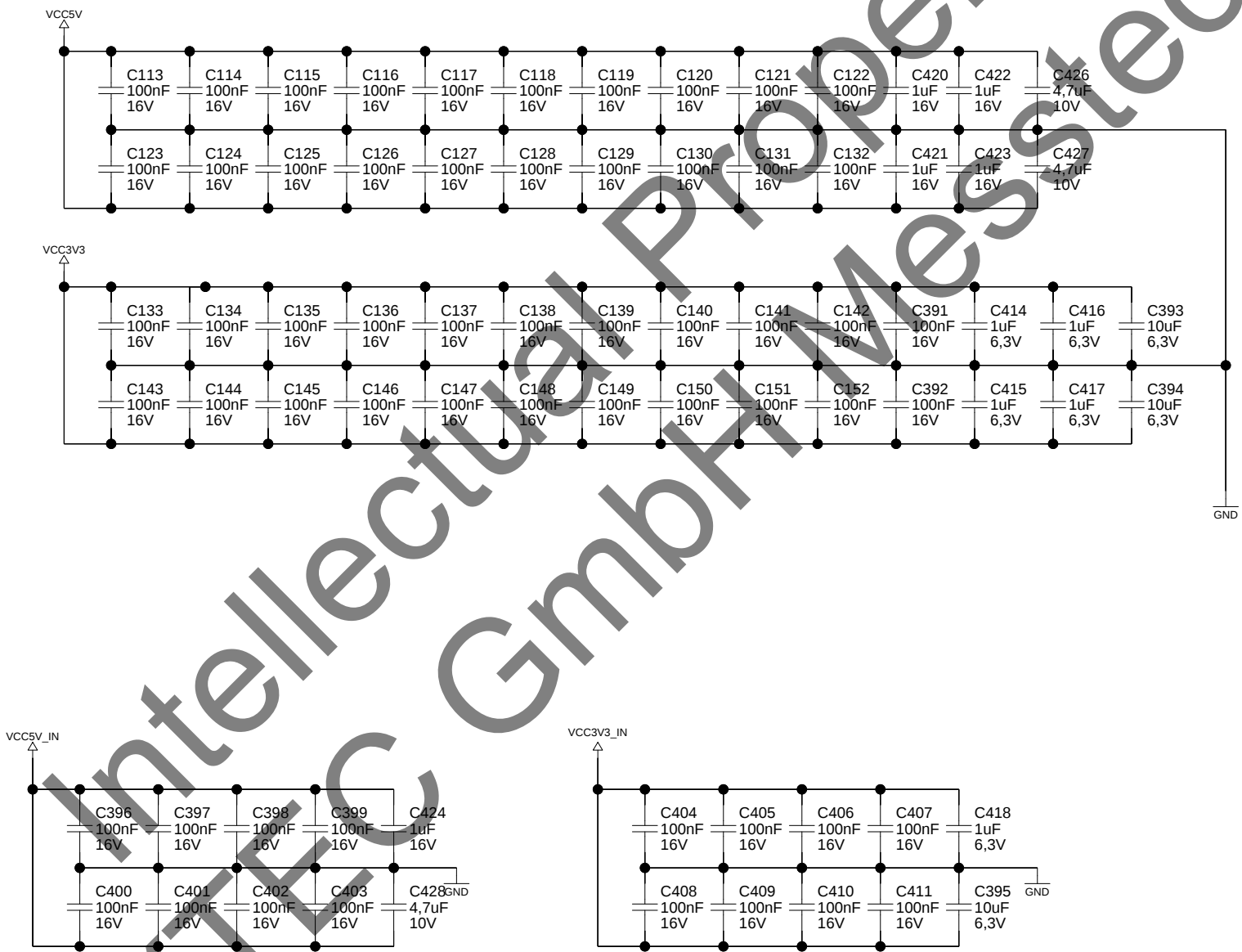
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EMC Capacitors

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