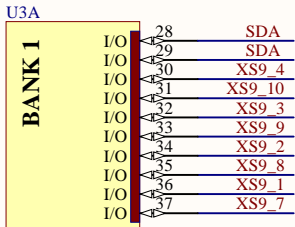


A

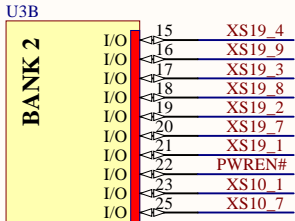
B

C

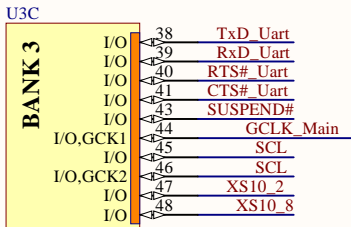
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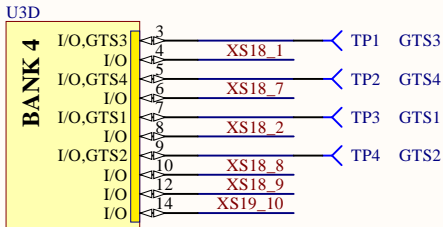
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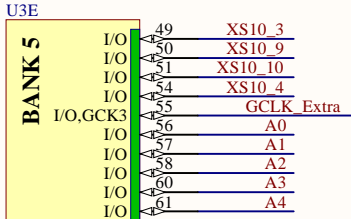
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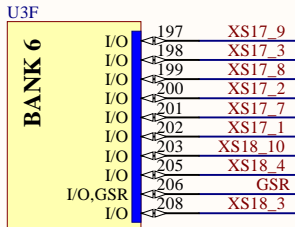
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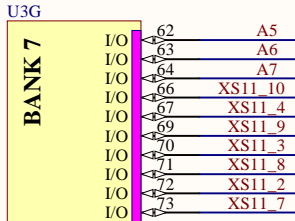
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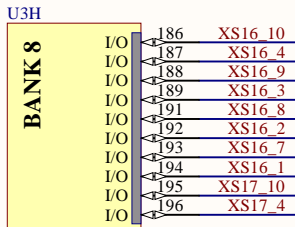
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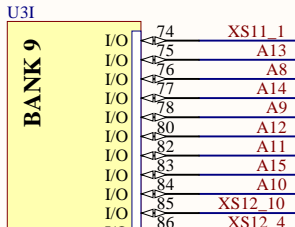
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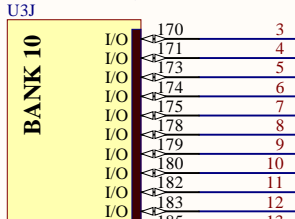
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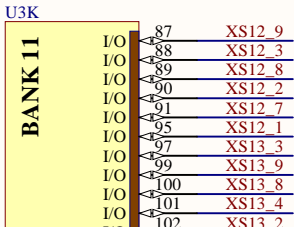
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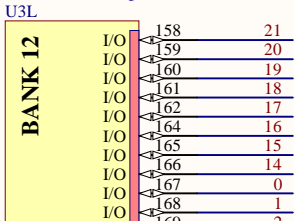
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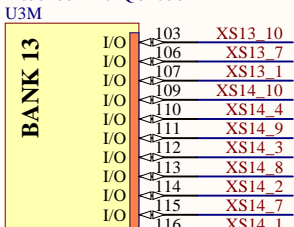
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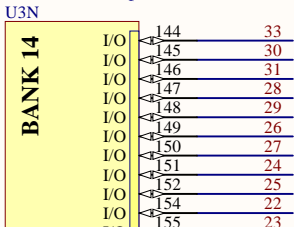
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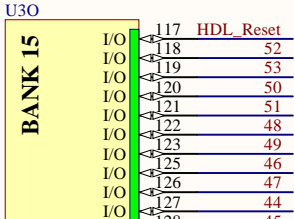
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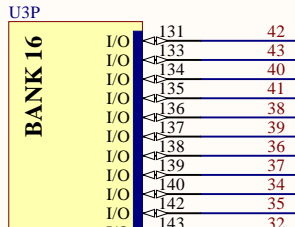
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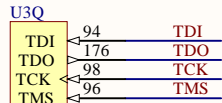
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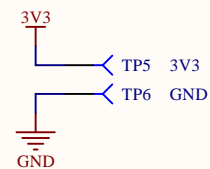
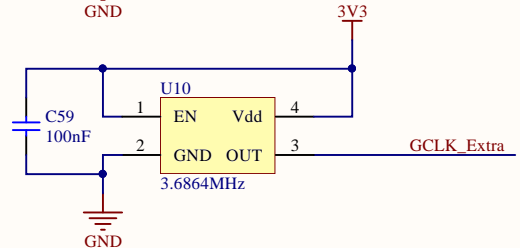
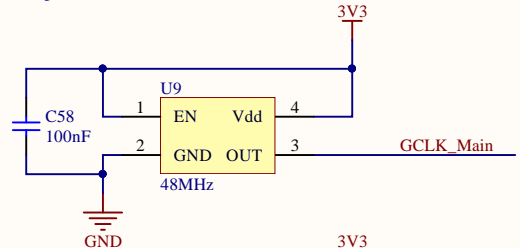
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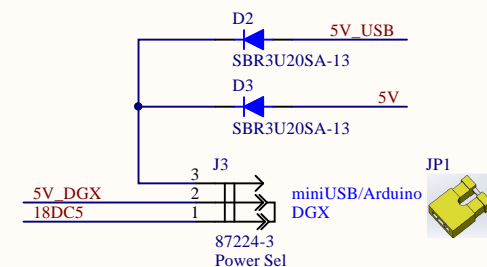
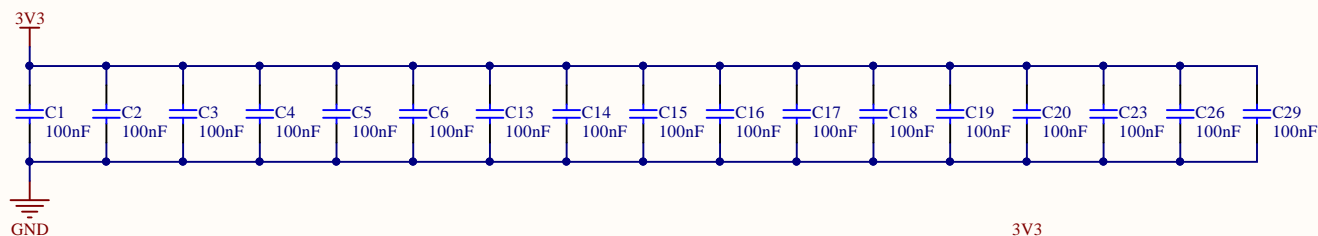
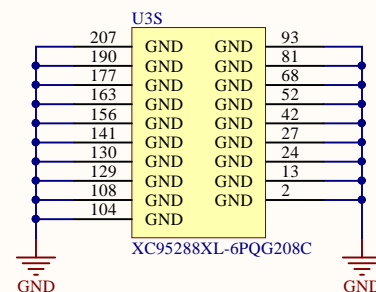
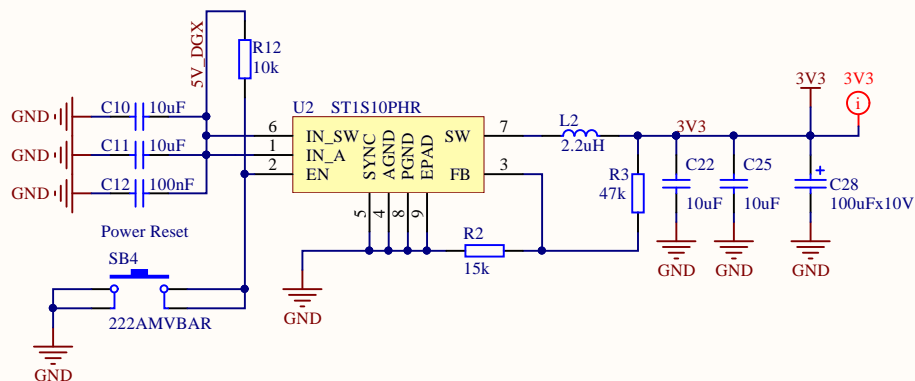
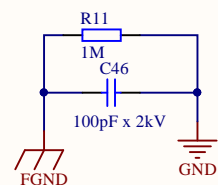
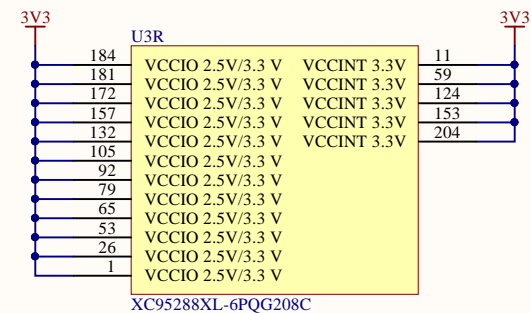
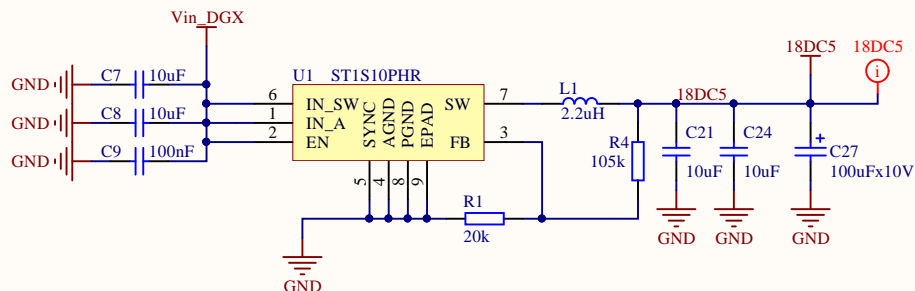
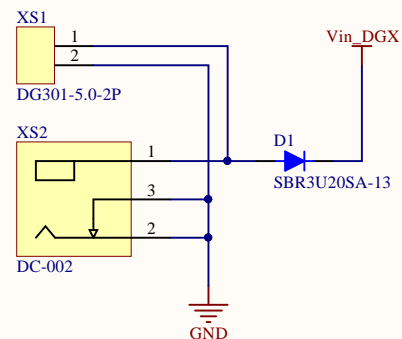
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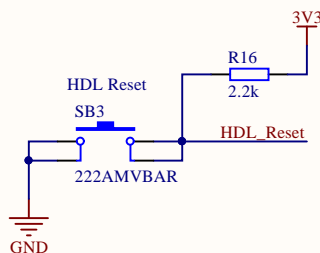
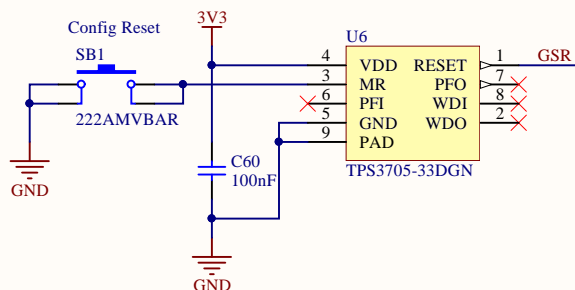
Project: Arduino-DGX-XC95		
Title: CPLD.SchDoc		Variant: Arduino-DGX-XC95
Engineer: Sergej Bakhmach	<div>tb</div>	
Revision: 01		
Size: A4		
Sheet: 1 of 5		
Company: Those Boards		



Jumper 1st pin marked by white dot

18DC5-5V_DGX (J3 1-2) supply round/screw connectors up-to 18 volts through internal DGX DC-DC level regulator producing 5V output

5V_USB/5V(in)-5V_DGX (J3 2-3) direct supply 5V for all DGX purposes



Project: **Arduino-DGX-XC95**

Title: **CPLD-Power.SchDoc**

Variant:
Arduino-DGX-XC95

Engineer: Sergej Bakhmach

Revision: 01

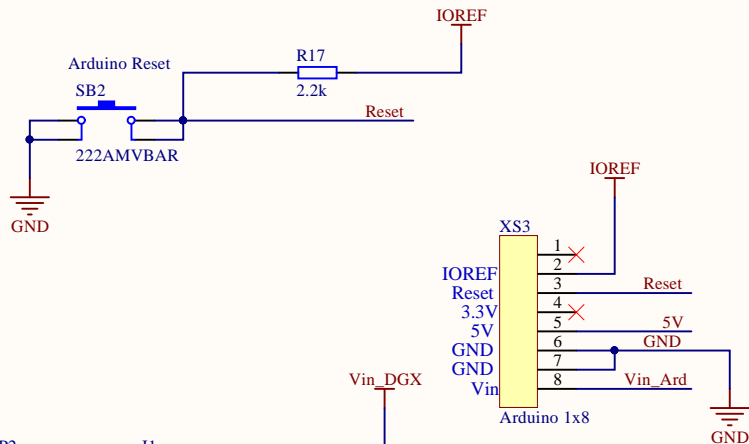
Size: A4

Sheet: 2 of 5

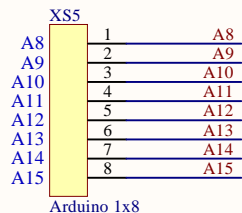
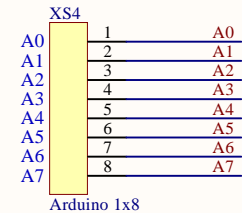
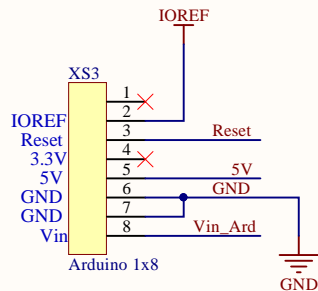
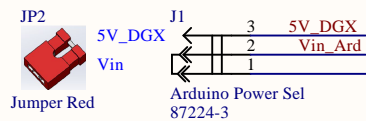
Company: **Those Boards**

tb

A



B



Jumper 1st pin marked by white dot

VIN (J1 1-2) and VIN Arduino will become equal VIN DGX from round or screw connector supply (before DC-DC 5V regulator).

!Warning! this mode will kill 5V or less based Arduino boards!

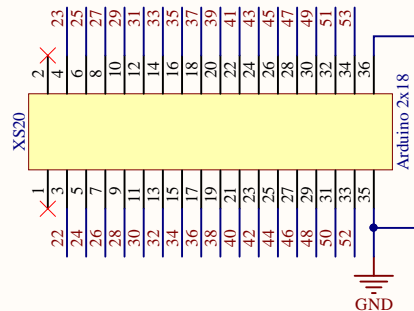
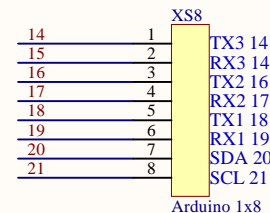
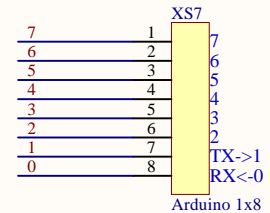
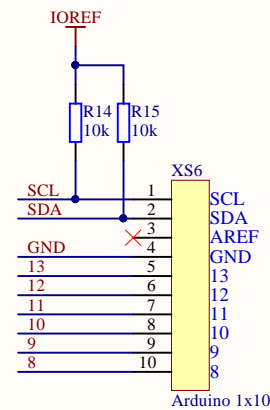
5V (J1 2-3) and VIN Arduino will become equal DGX 5V DC-DC supply

A

B

C

D



Project: **Arduino-DGX-XC95**

Title: **Arduino Connectors.SchDoc**

Variant:
Arduino-DGX-XC95

Engineer: Sergej Bakhmach

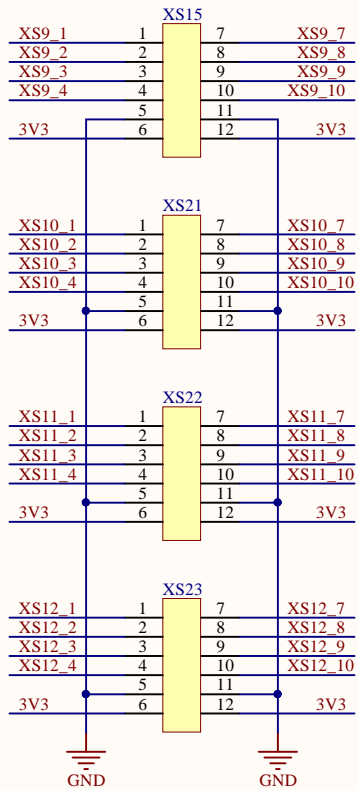
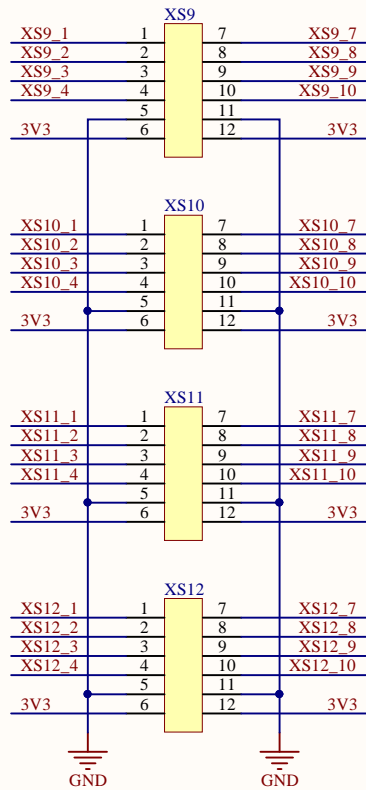
Revision: 01

Size: A4

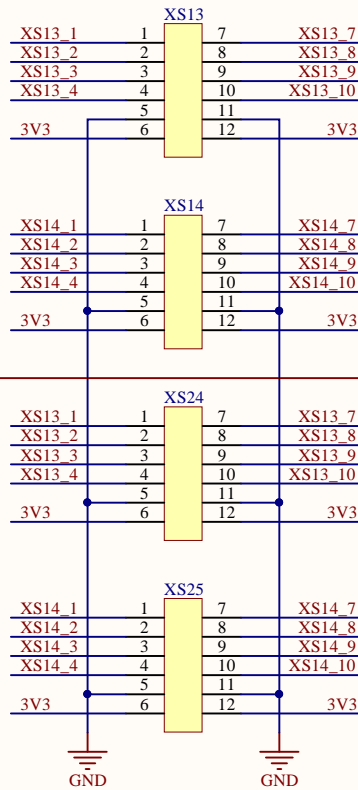
Sheet: 3 of 5

Company: **Those Boards**

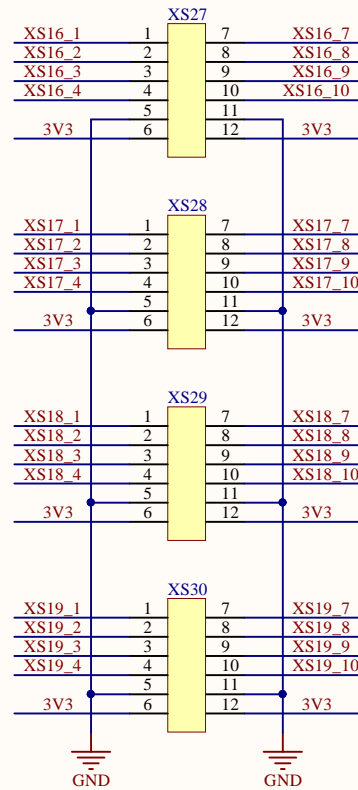
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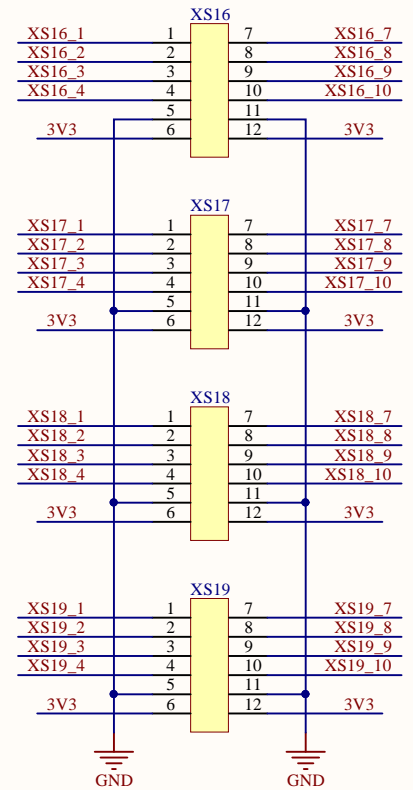
▲ Extra Pads. Placed under PMOD-Connectors.



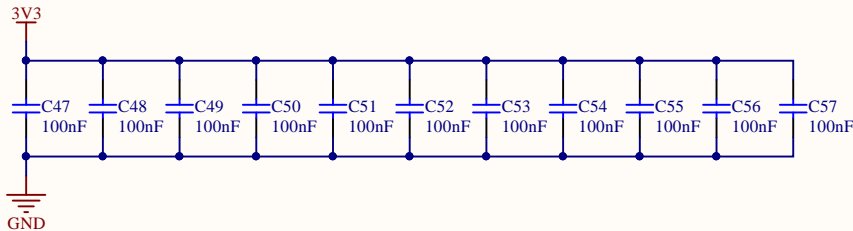
▲ Extra Pads. Placed under PMOD-Connectors.



▲ Extra Pads. Placed under PMOD-Connectors.



▲ Extra Pads. Placed under PMOD-Connectors.



Project: **Arduino-DGX-XC95**

Title: **PMOD Connectors.SchDoc**

Variant:
Arduino-DGX-XC95

Engineer: Sergej Bakhmach

Revision: 01

Size: A4

Sheet: 4 of 5

Company: **Those Boards**

tb

