

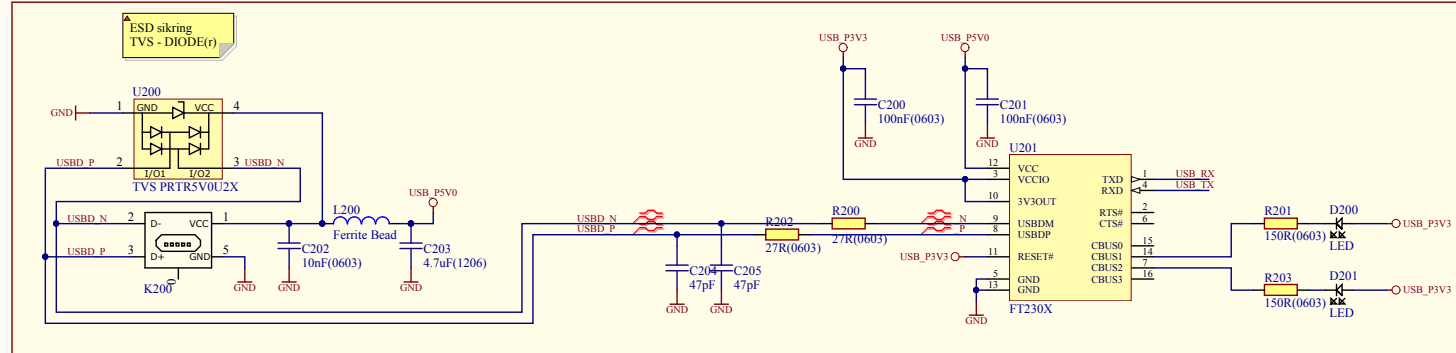
Parts to USB module:
[check]FT230X
[check]USBconnector
[check]TVS diodes (ESD protection)
[partly-check]Ferrite bead
[check]LED's
[check]Resistors
[check]Ceramic caps

Parts to SERVO module:
Connector
Buffer
3V3 to 5V5 converter

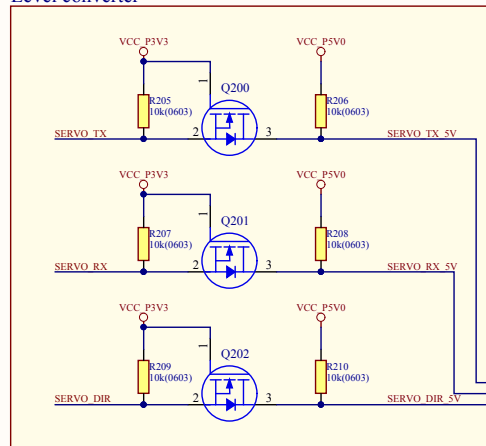
Parts to LED:
Connector
3V3 to 5V5 converter

Optional: LAN with wiz module:
Footprint for WIZ
Caps

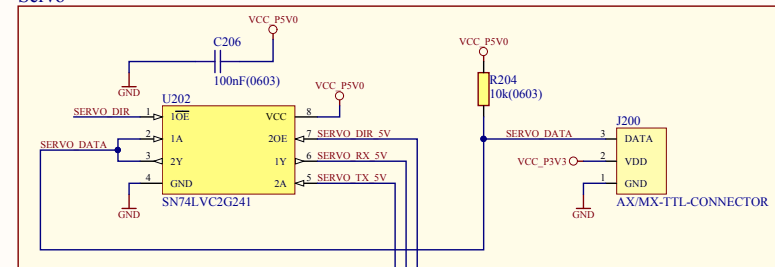
USB



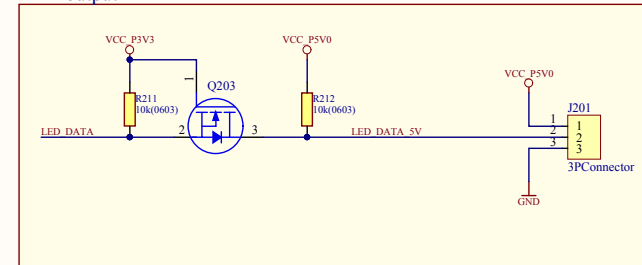
Level converter



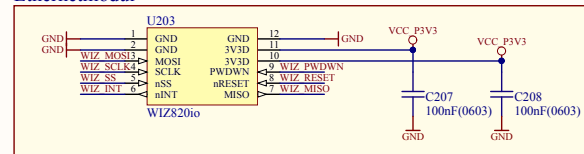
Servo



LED-output



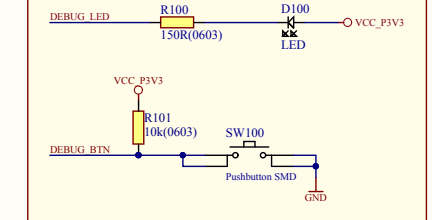
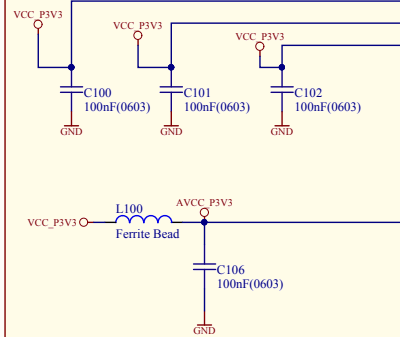
Ethernetmodul



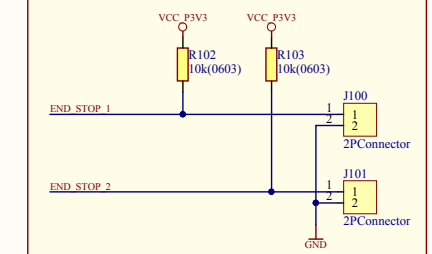
Title		
Size	Number	Revision
A3		
Date:	04.03.2015	Sheet of
File:	Z:\brukere\Communication.SchDoc	Drawn By:

- [check]PDI
- [check]XTAL
- [check]Ferrite
- [check]Status LED
- [check]Debug button
- [check]XLED resistor
- [check]Endestoppinnganger

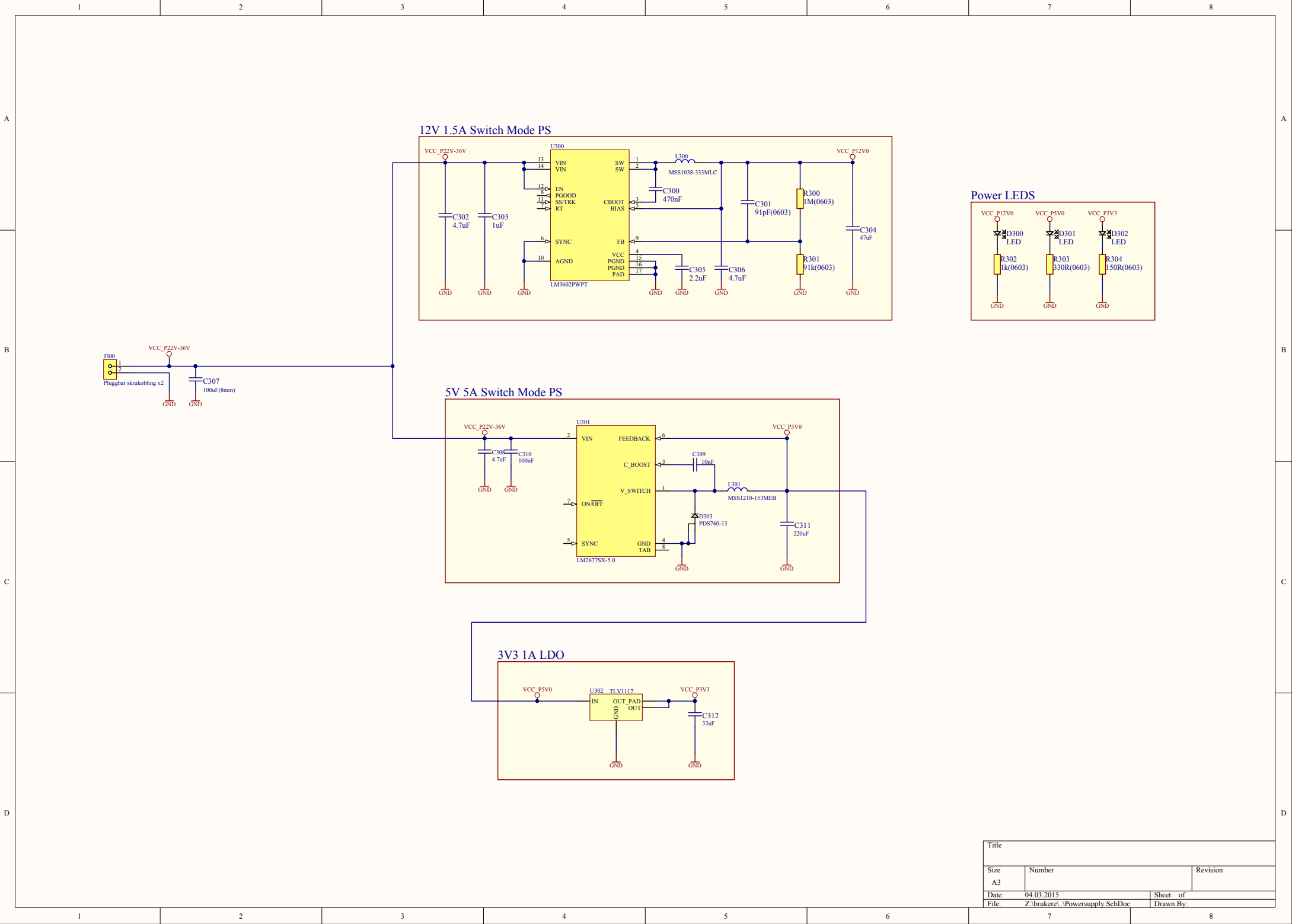
FTDI RX/TX: PD2/PD3 (UART)
LEDOUT DATA: PC7 (UART TX)



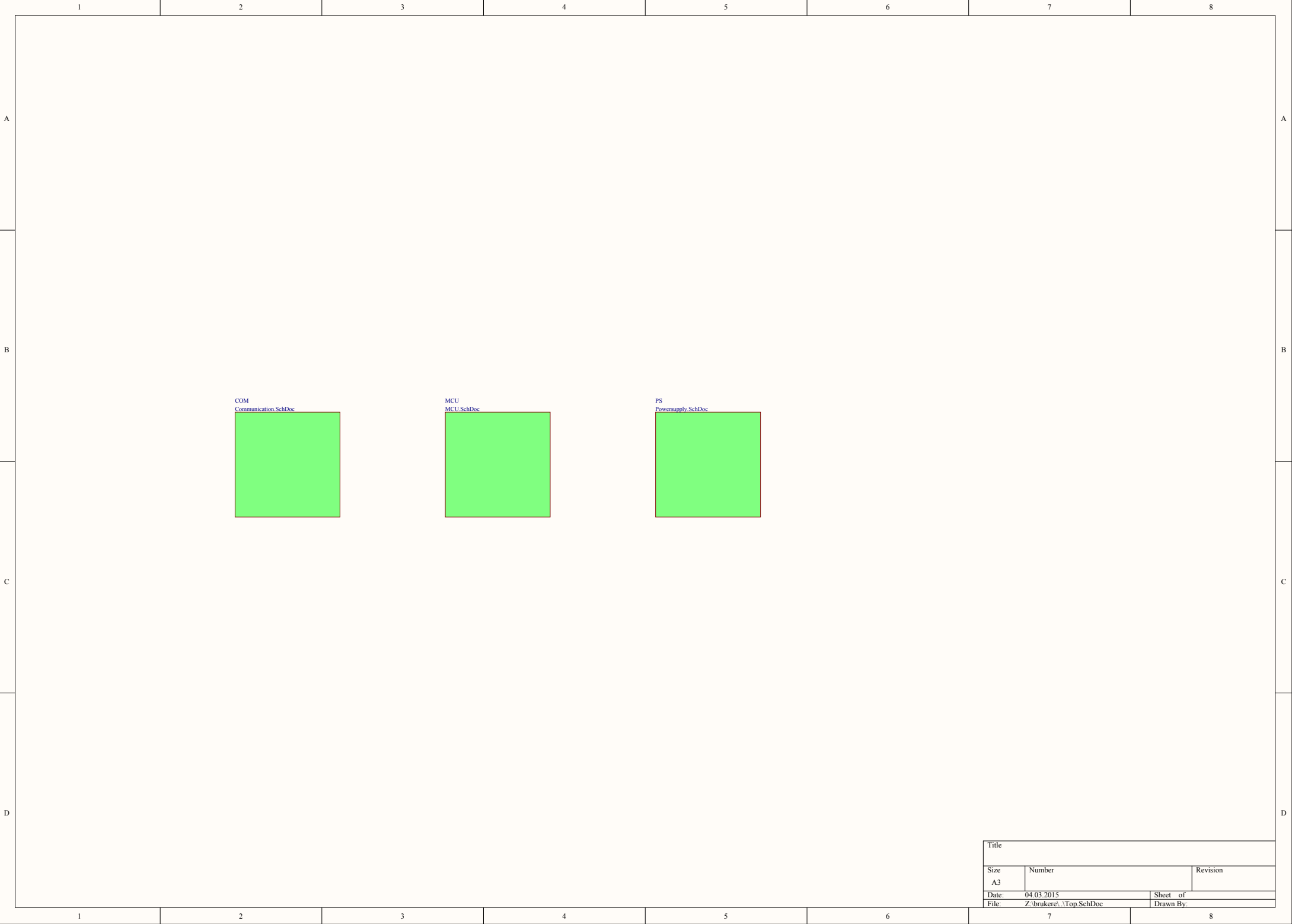
▲ Pull up resistors optional



Title			
Size A3	Number		Revision
Date:	04.03.2015	Sheet	of
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Title			
Size A3	Number		Revision
Date:	04.03.2015		Sheet of
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Title		
Size A3	Number	Revision
Date:	04.03.2015	Sheet of
File:	Z:\brukere\...\Top.SchDoc	Drawn By: