

Projekt: STK-S4

Rev: 4

Datum: 05.08.2009 17:22:25

Plot: 31.10.2009 12:17:15

Round Solutions GmbH & Co KG

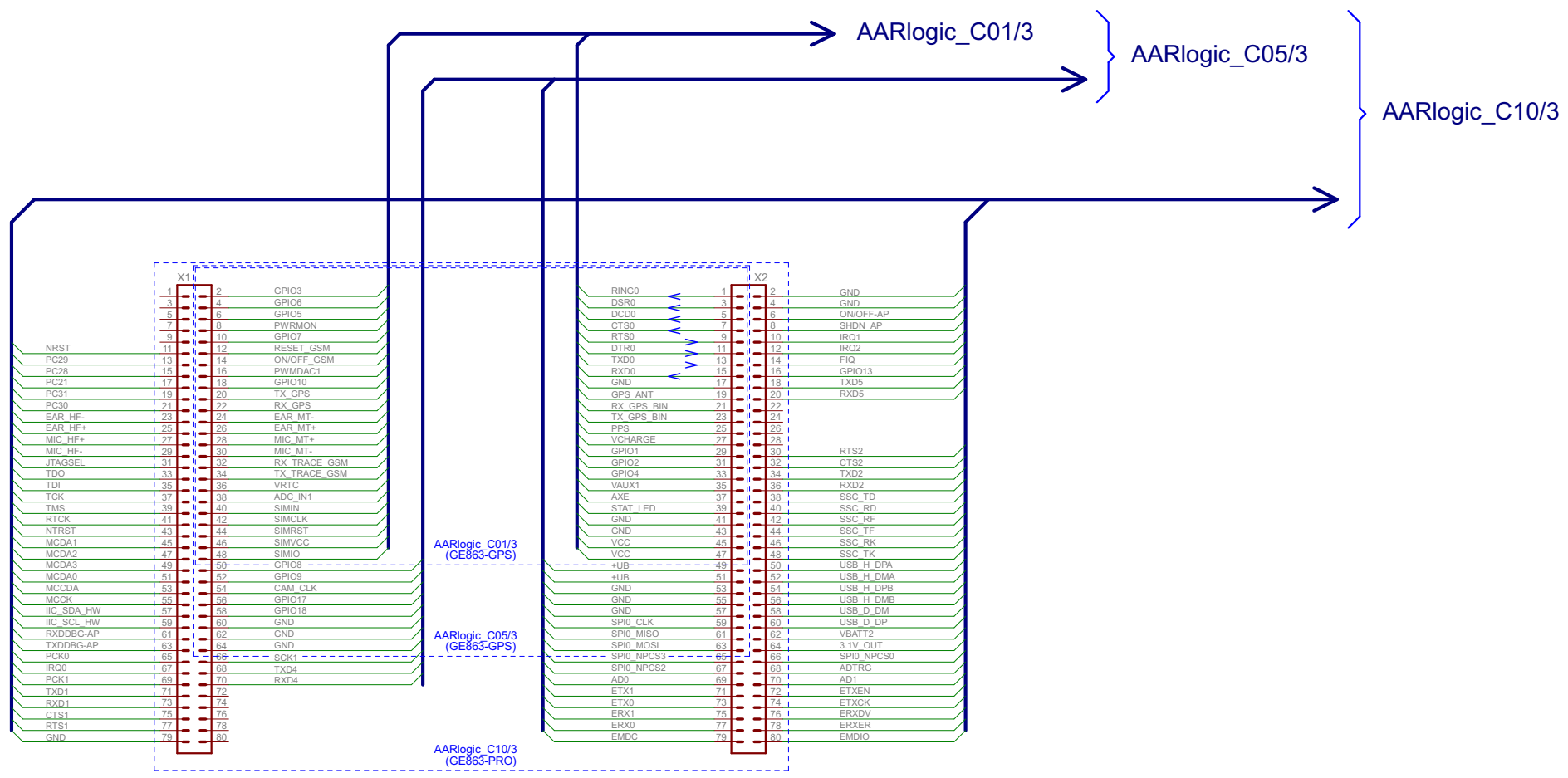
Hans-Böckler-Straße 16

D - 63263 Neu-Isenburg

[www.roundsolutions.com](http://www.roundsolutions.com)

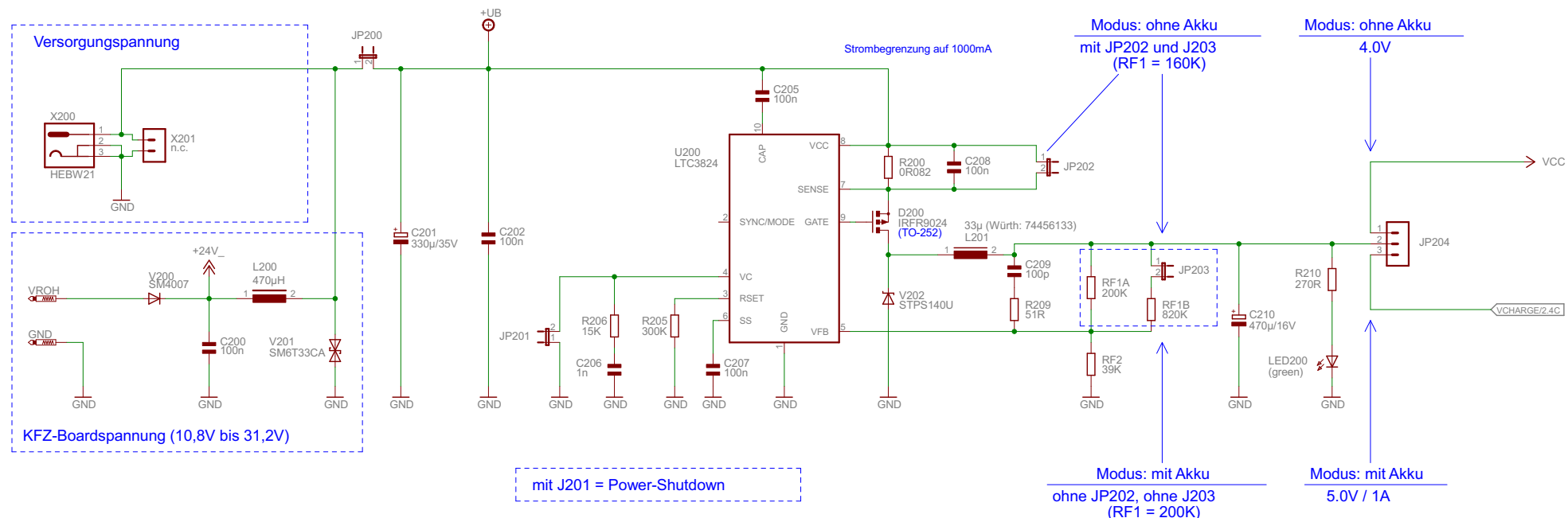
[info@roundsolutions.com](mailto:info@roundsolutions.com)

# Adapterboards

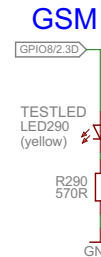
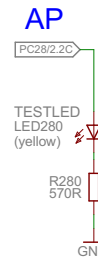
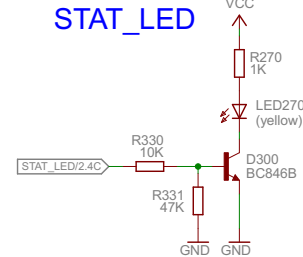
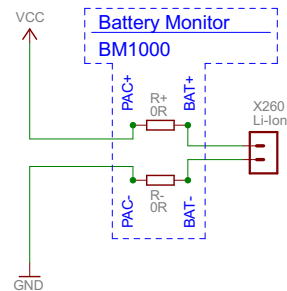
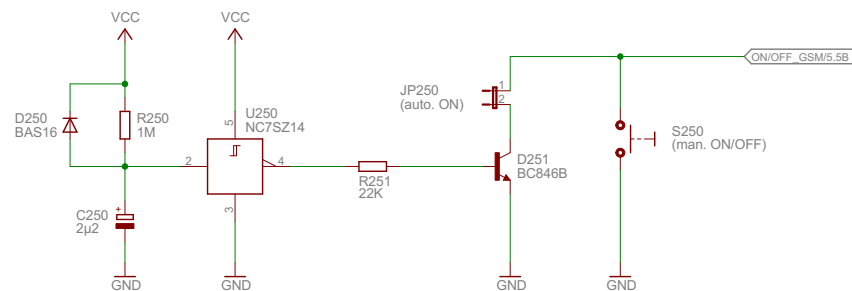


|                           |            |
|---------------------------|------------|
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# Power Supply, Automatic Reset, Misc.



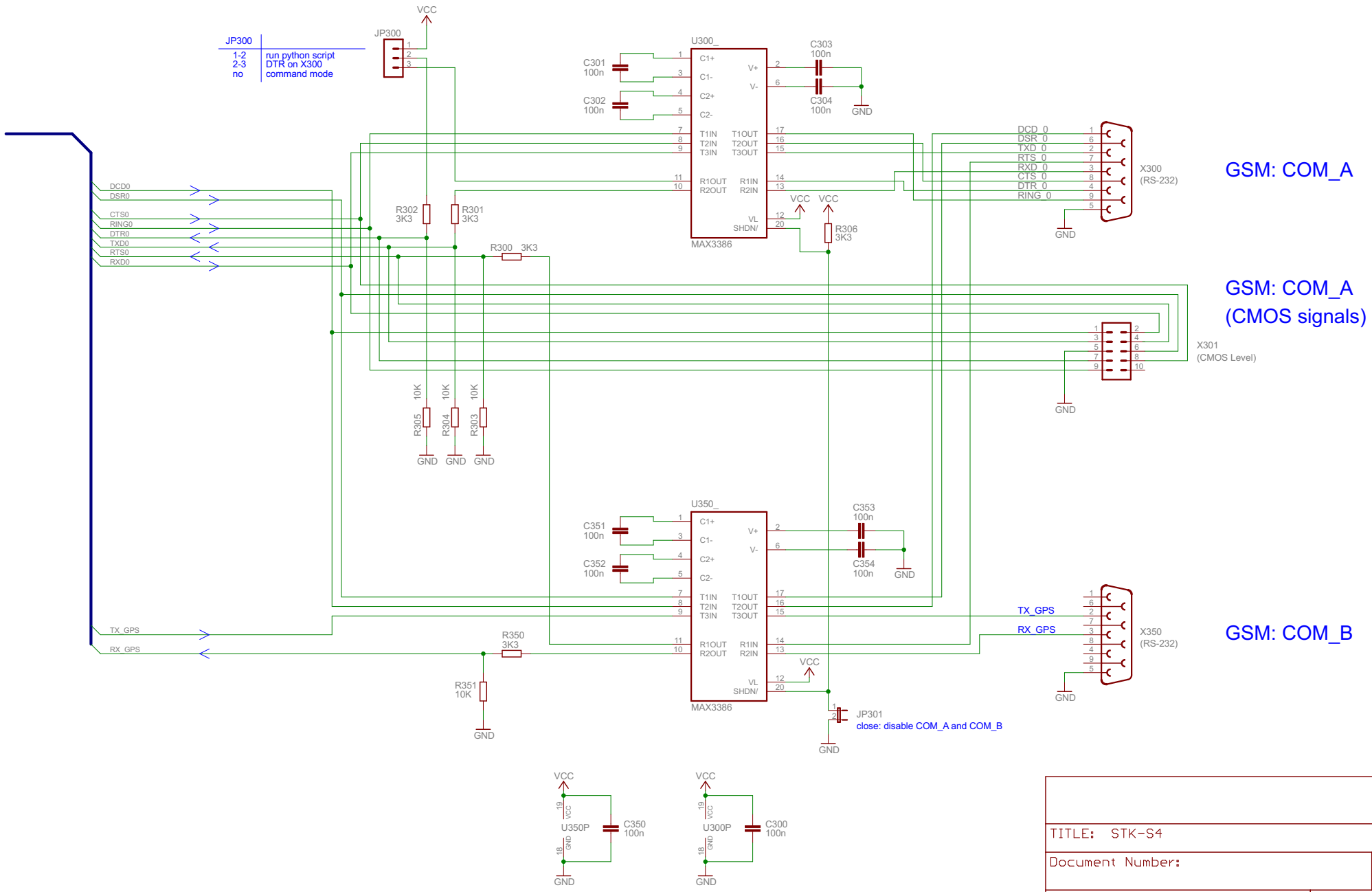
## Auto-Start



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# GSM serial port

| JP300 |                   |
|-------|-------------------|
| 1-2   | run python script |
| 2-3   | DTR on X300       |
| no    | command mode      |



GSM: COM\_A

GSM: COM\_A  
(CMOS signals)

GSM: COM\_B

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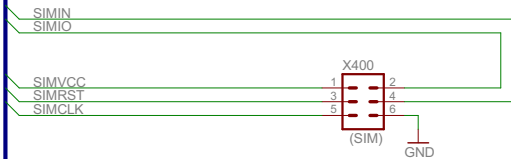
REV:

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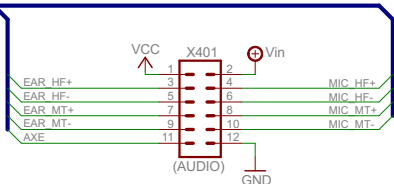
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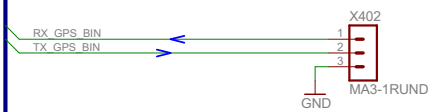
# GSM module signals



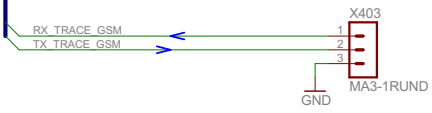
GSM: SIM card



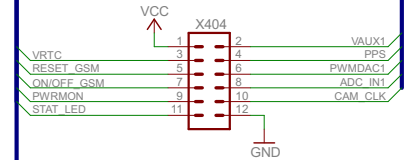
GSM: audio signals



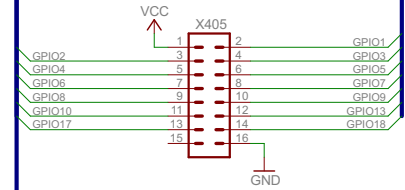
GSM: COM\_C - TTL signals



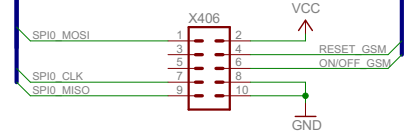
GSM: COM\_D - TTL signals



GSM: MISC



GSM: GPIOs



GSM: Python-Debugger

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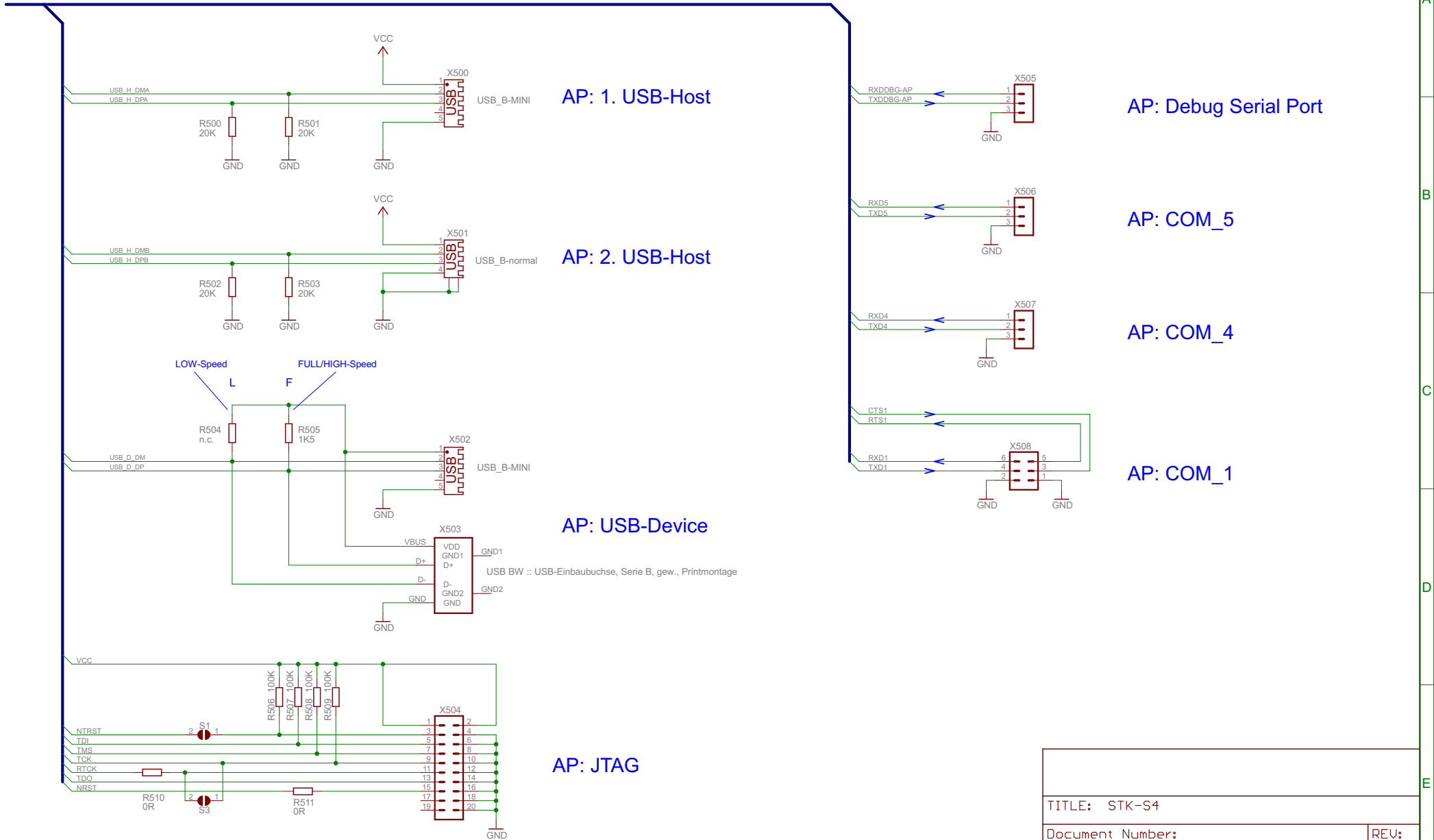
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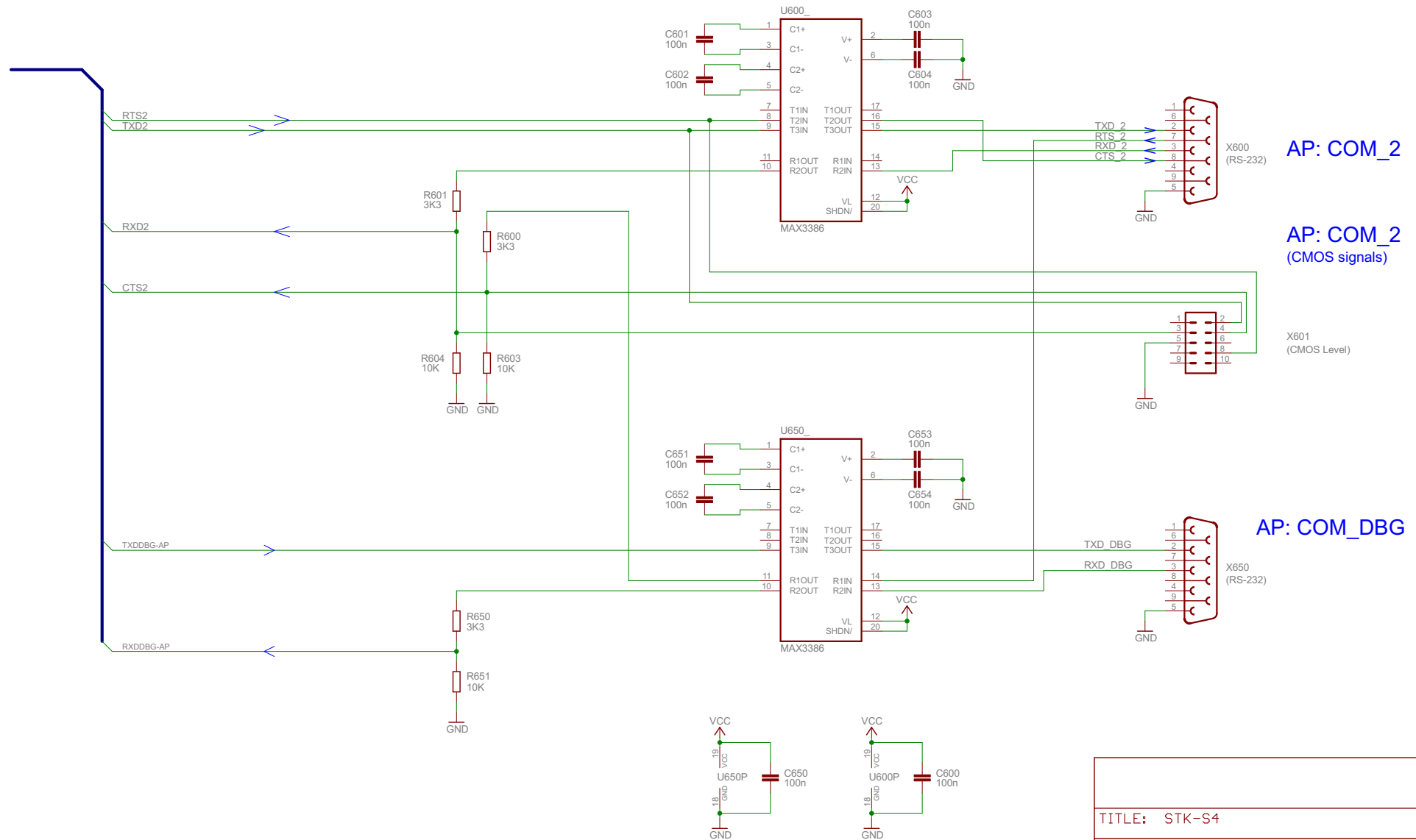
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# Application Processor (AP) signals



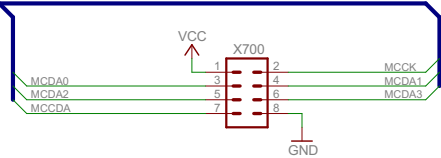
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# Application Processor (AP) serial ports

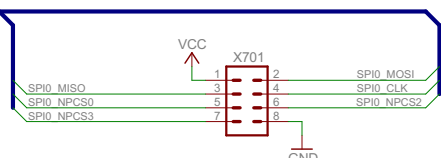


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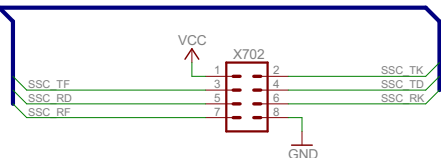
# Application Processor (AP) signals



AP: MMC/SD Card Interface



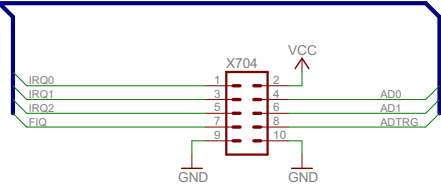
AP: SPI 0



AP: SSC

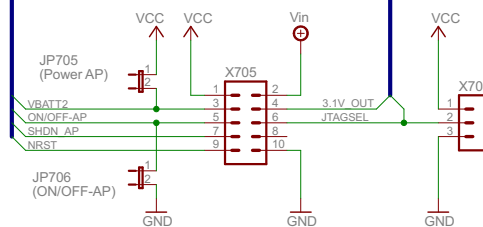


AP: I2C

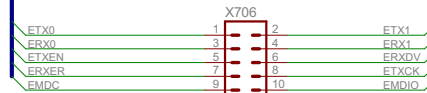


AP: ANALOG

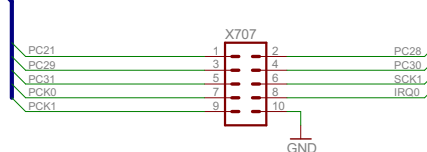
AP: GPIO/KEYBOARD



AP: MISC



AP: ETHERNET



AP: GPIO / MISC

TITLE: STK-S4

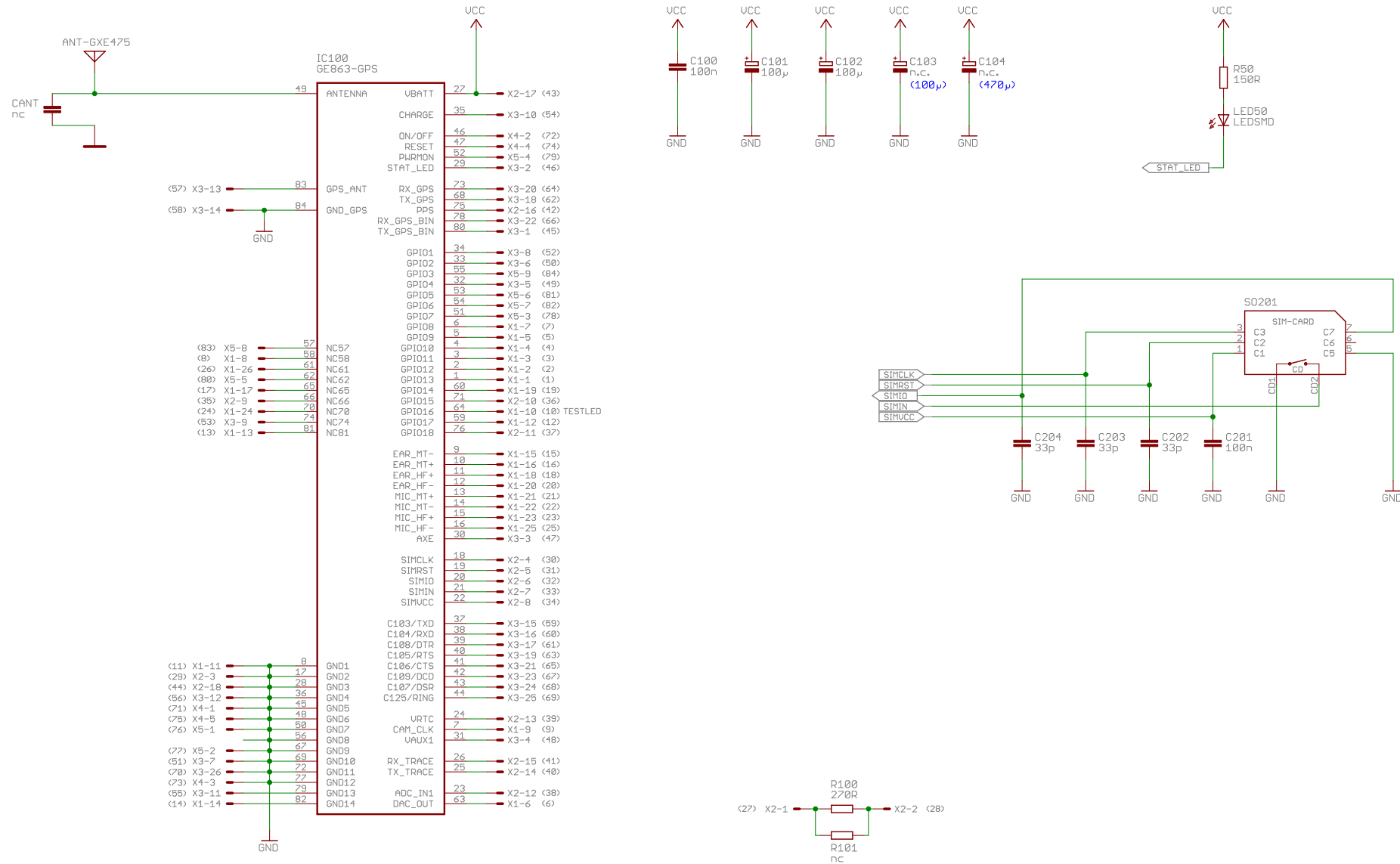
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R100 is part of the voltage divider on the RS-EB-S3-BasicBoard and decides the supply voltage:

JP11 off ---> Ucc = 4,0V

JP11 on ---> Ucc = 5,7V

TITLE: GE863-Adapter

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