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# Block Diagram

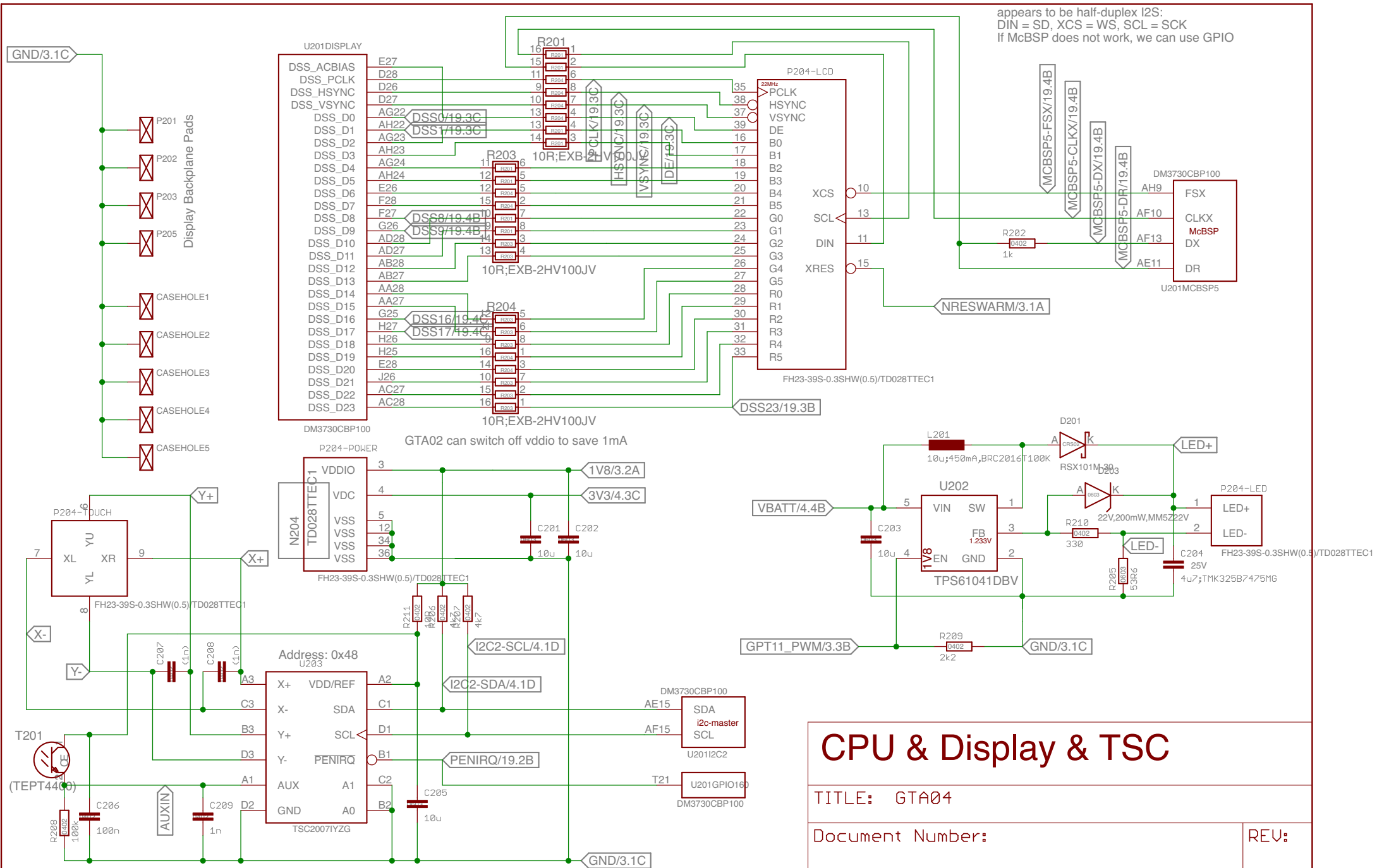
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appears to be half-duplex I2S:  
 DIN = SD, XCS = WS, SCL = SCK  
 If McBSP does not work, we can use GPIO

# CPU & Display & TSC

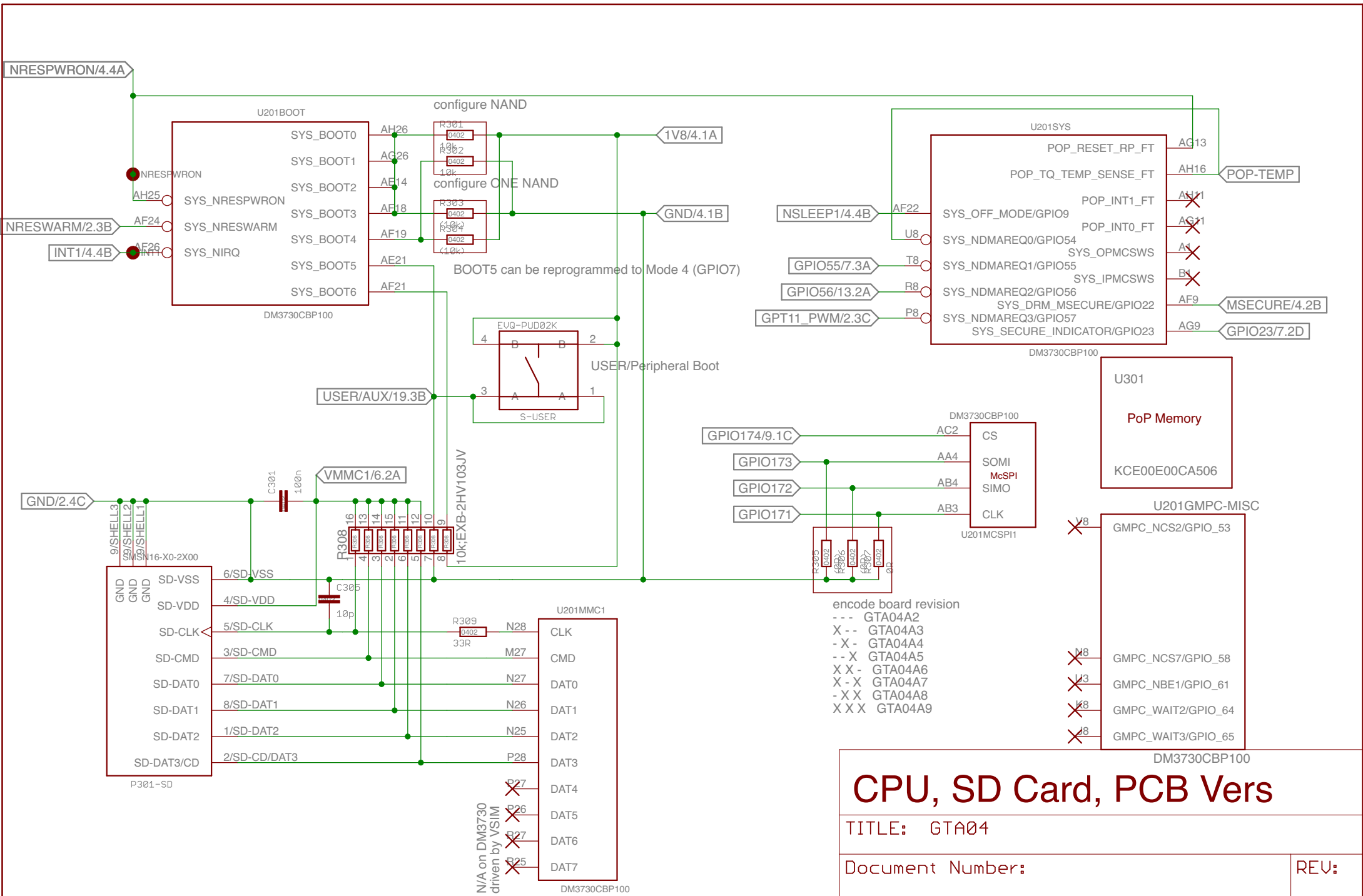
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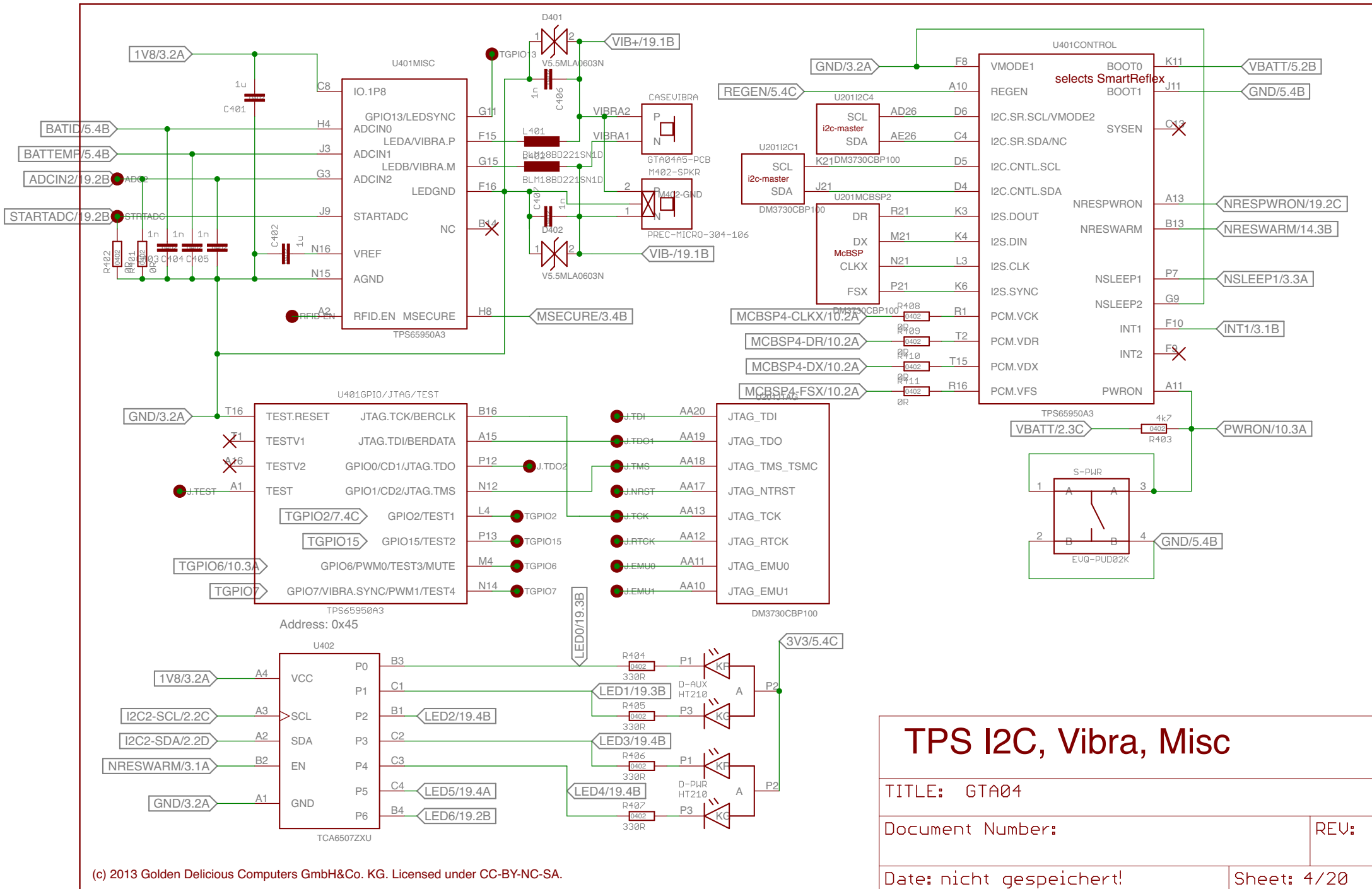
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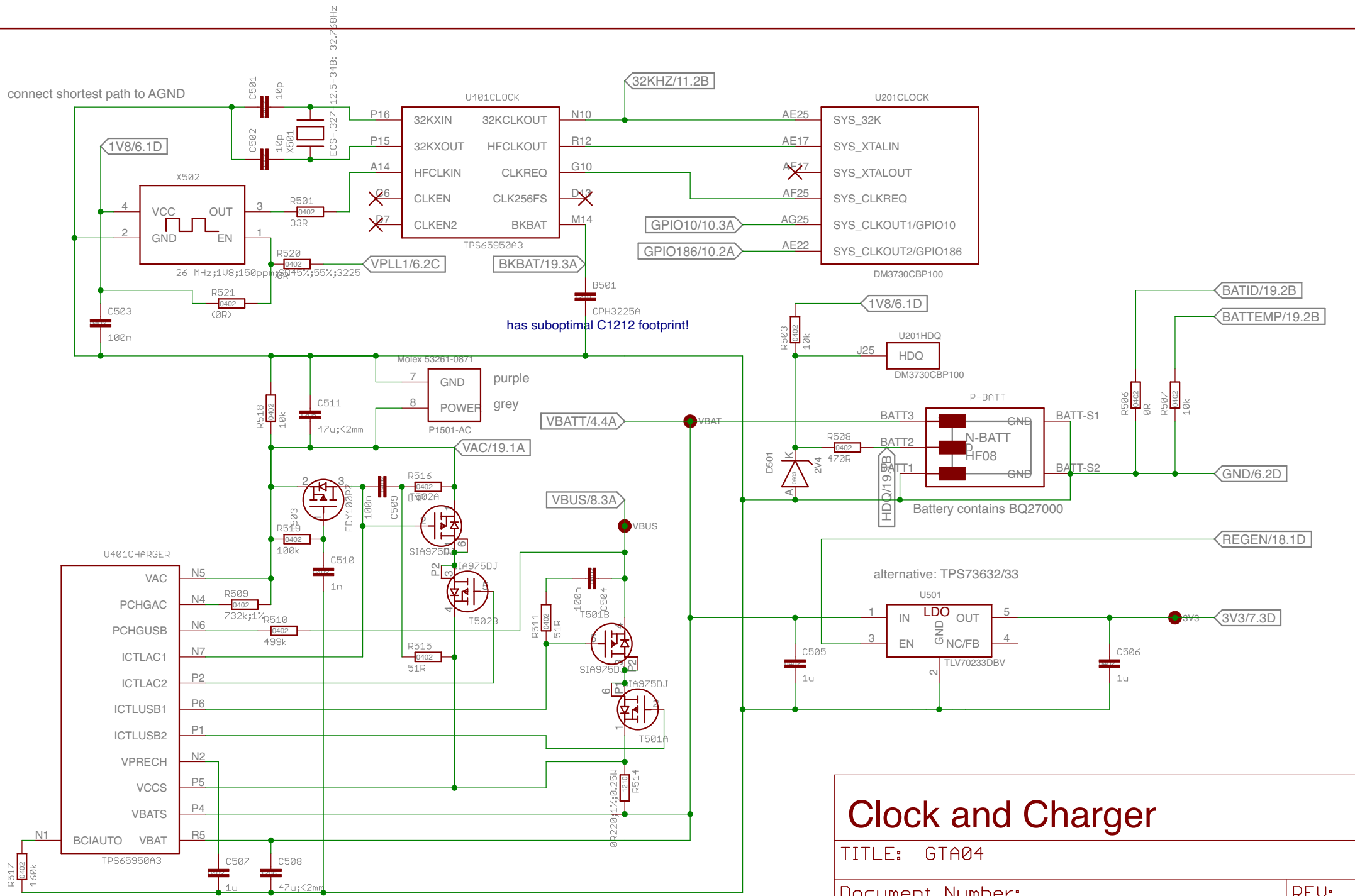
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<h1>TPS I2C, Vibra, Misc</h1>	
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connect shortest path to AGND

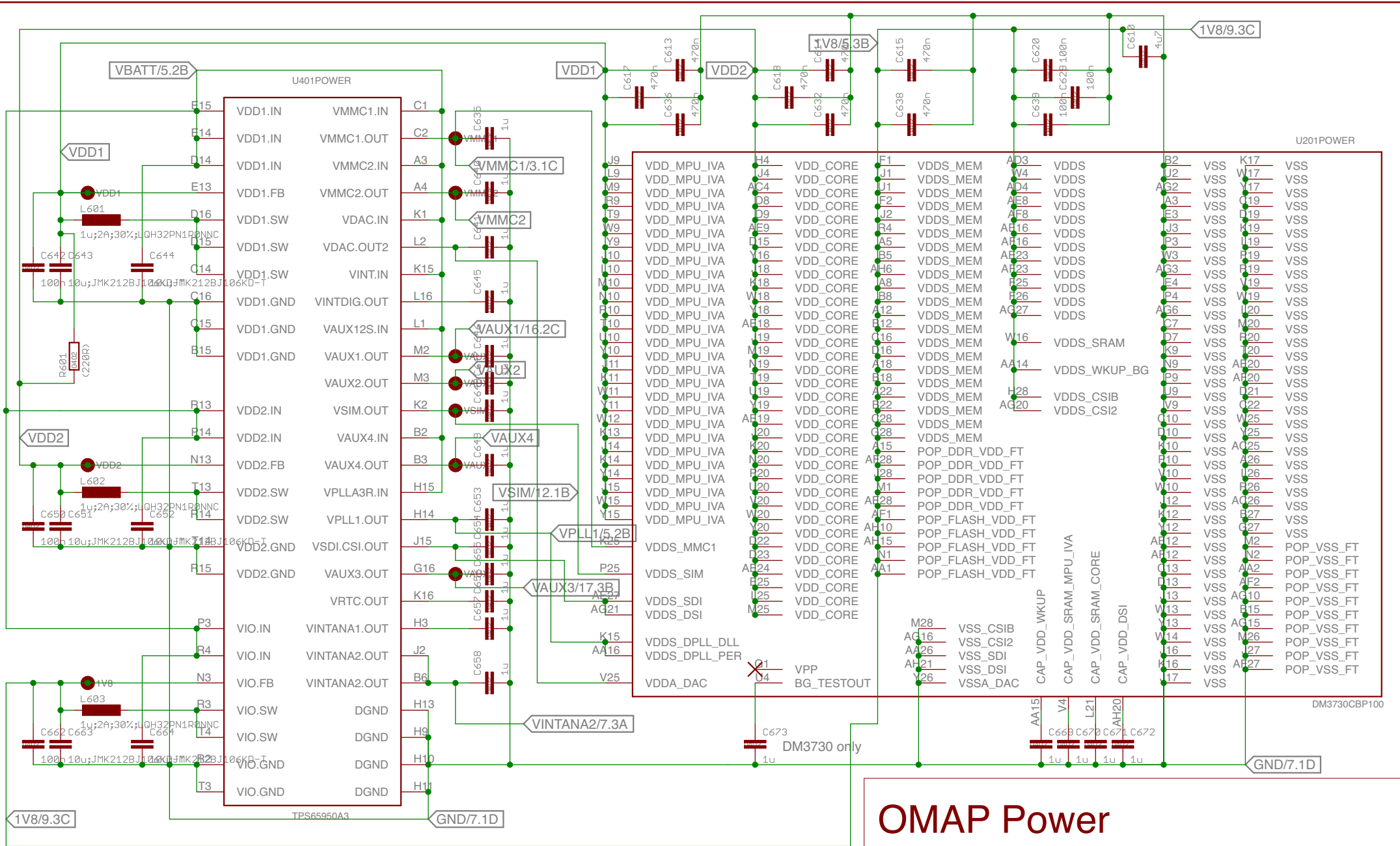


# Clock and Charger

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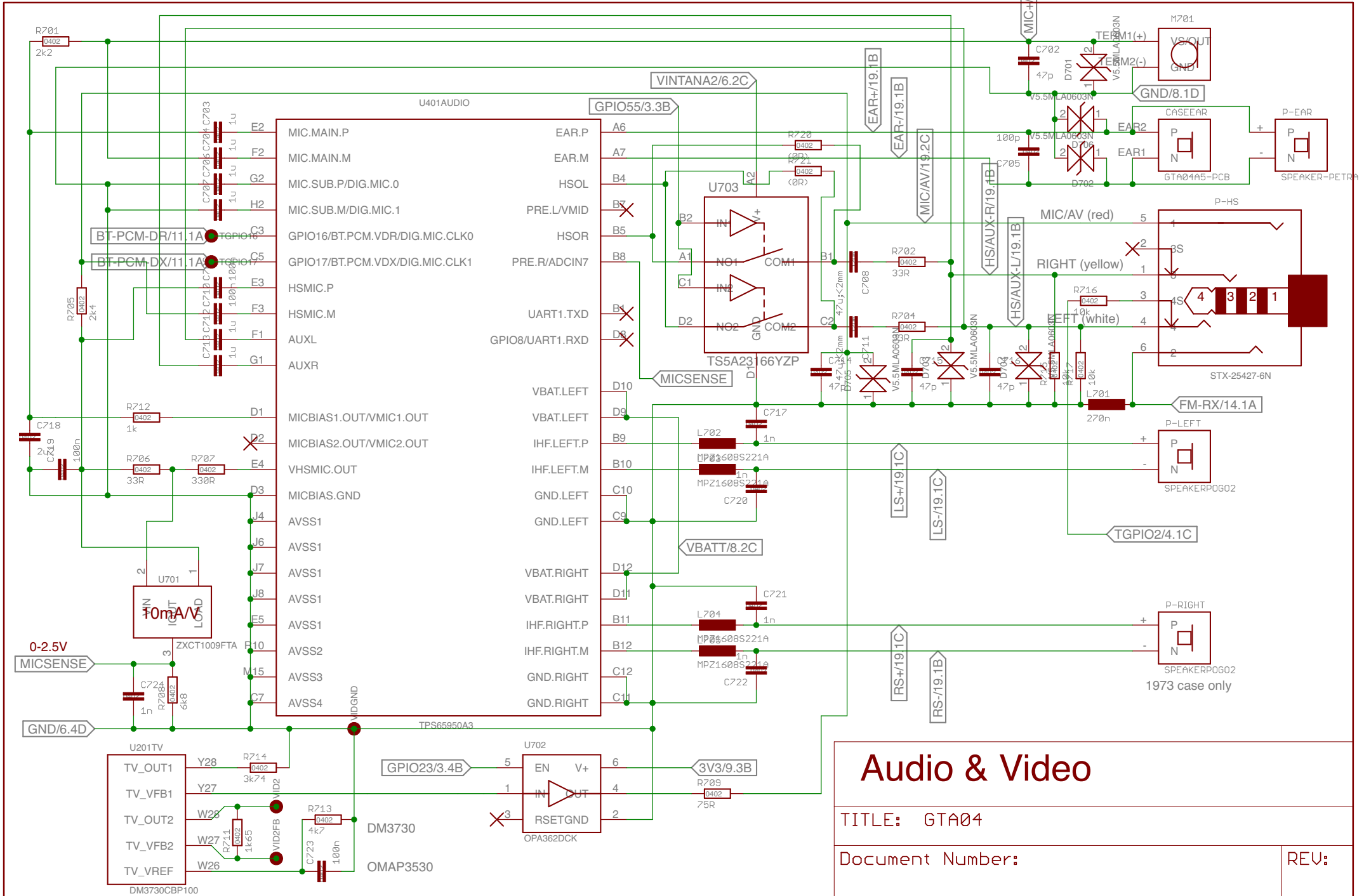
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# OMAP Power

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# Audio & Video

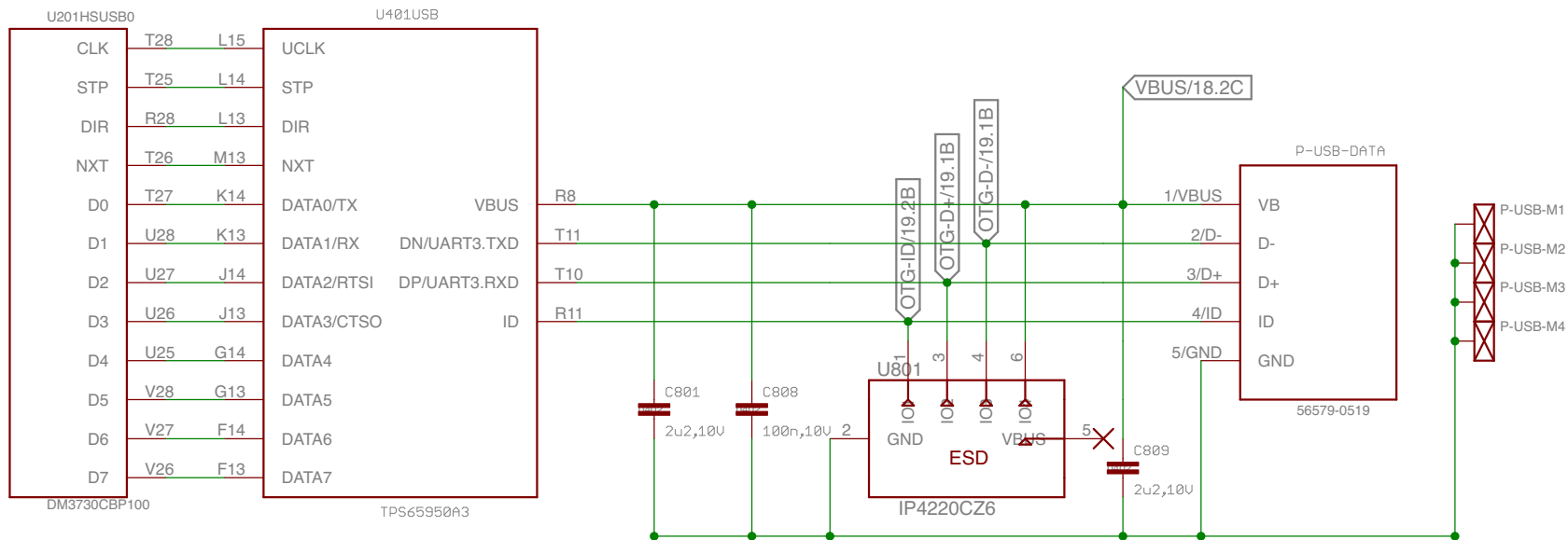
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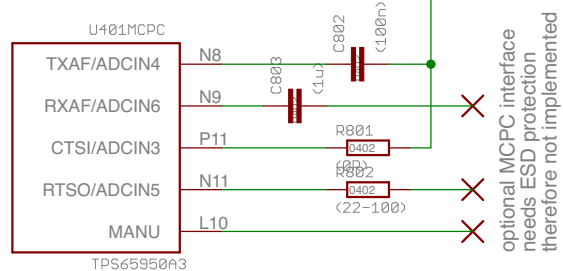
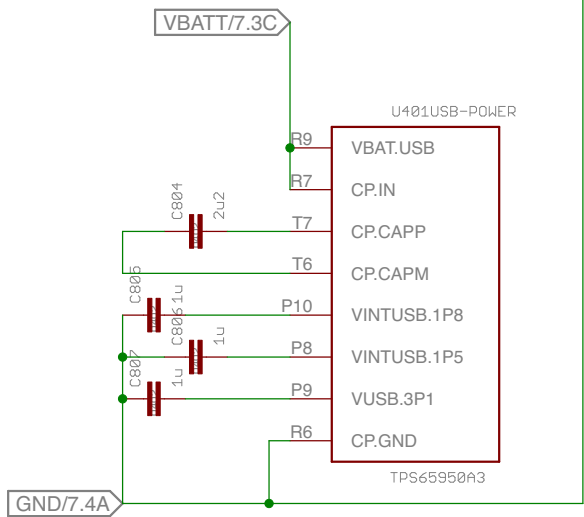
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This takes one diode of IO4 to protect reverse current flowing from D+ to VBUS  
 This happens if the board indicates Fast Speed mode by pulling up D+ although there is no host (VBUS should be 0)

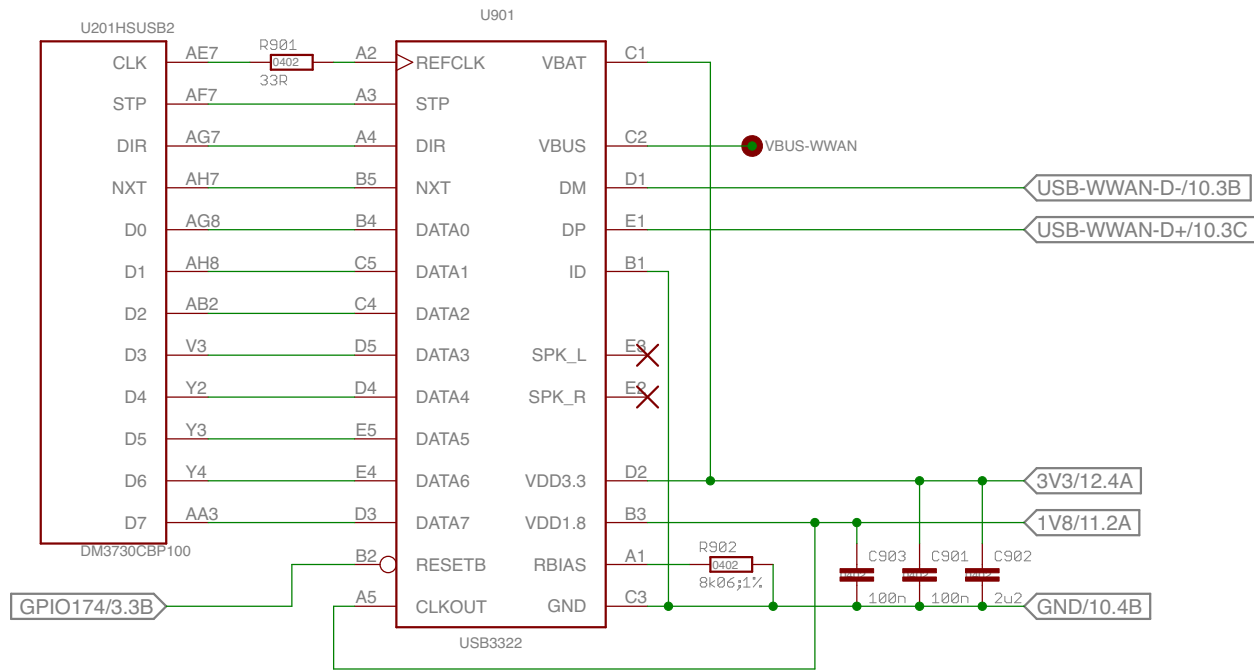


optional MCPC interface needs ESD protection therefore not implemented

# USB-OTG, MCPC

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# internal USB&expansion

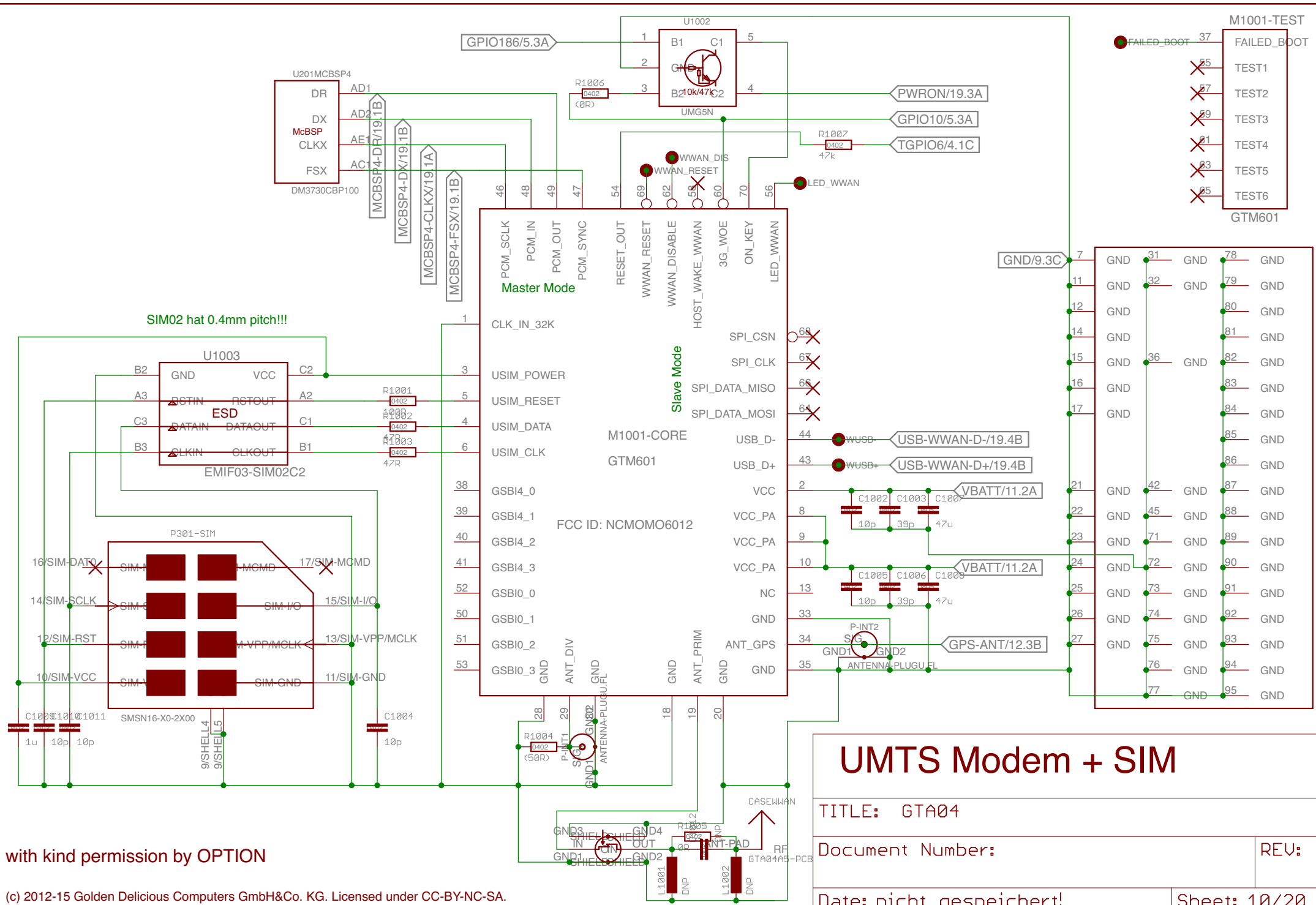
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## UMTS Modem + SIM

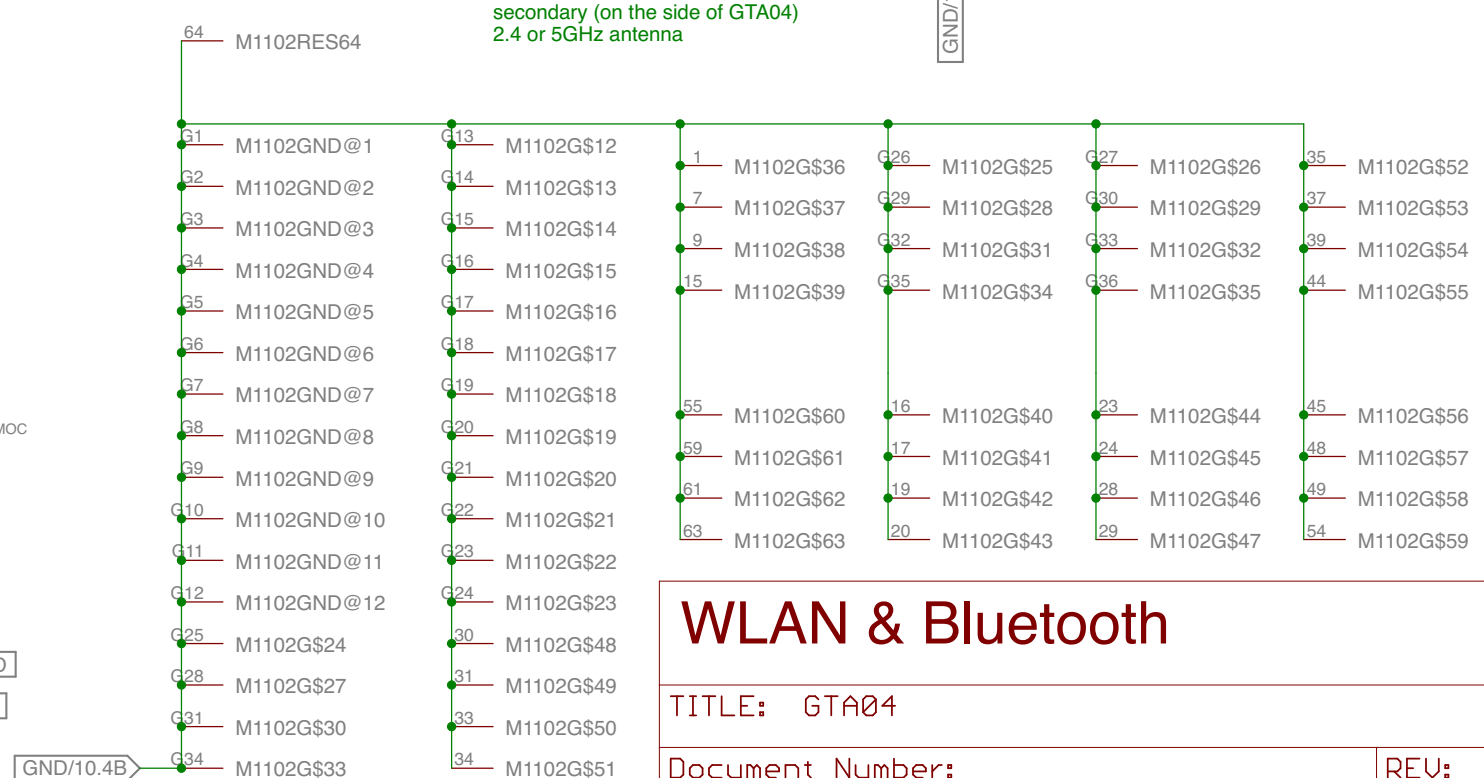
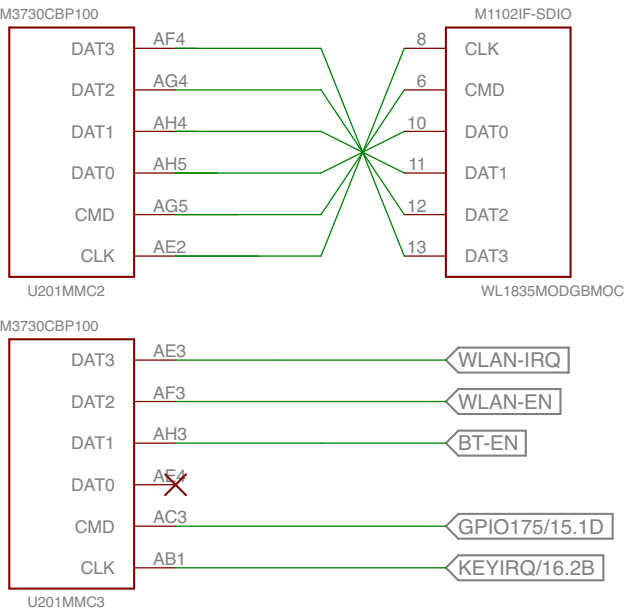
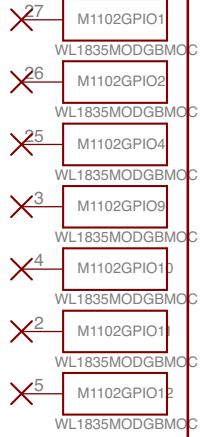
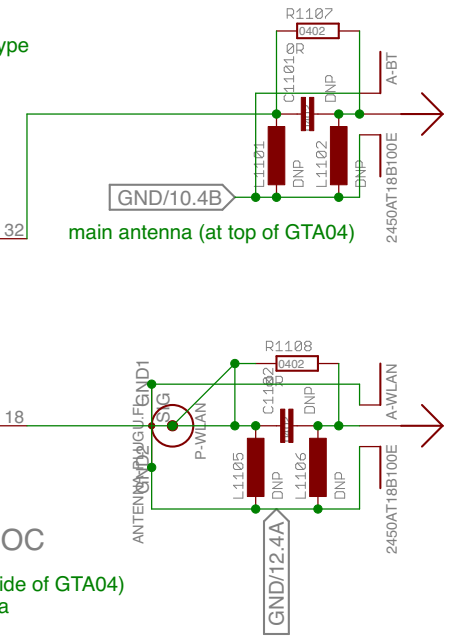
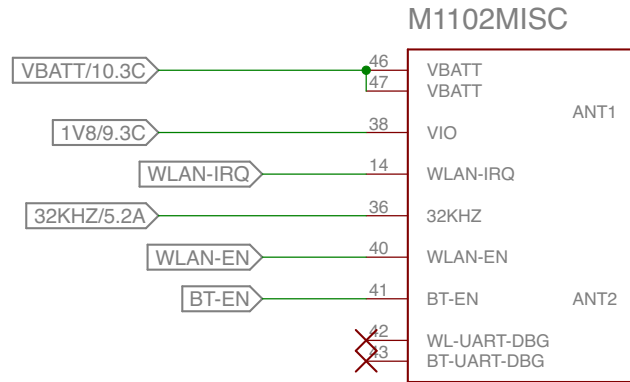
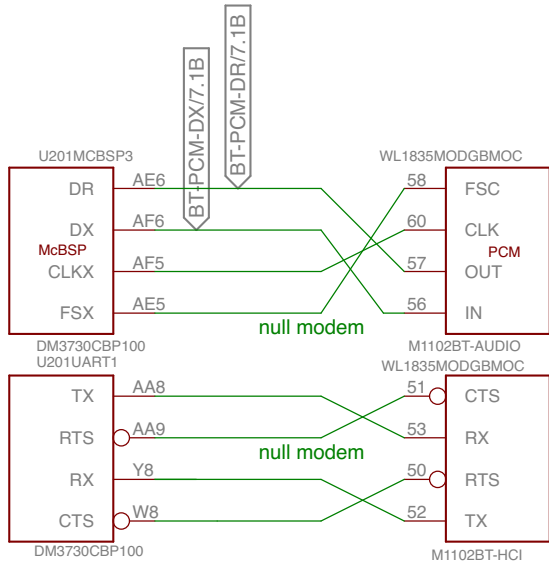
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with kind permission by OPTION

install C1101/2, L1102/4 according to antenna type

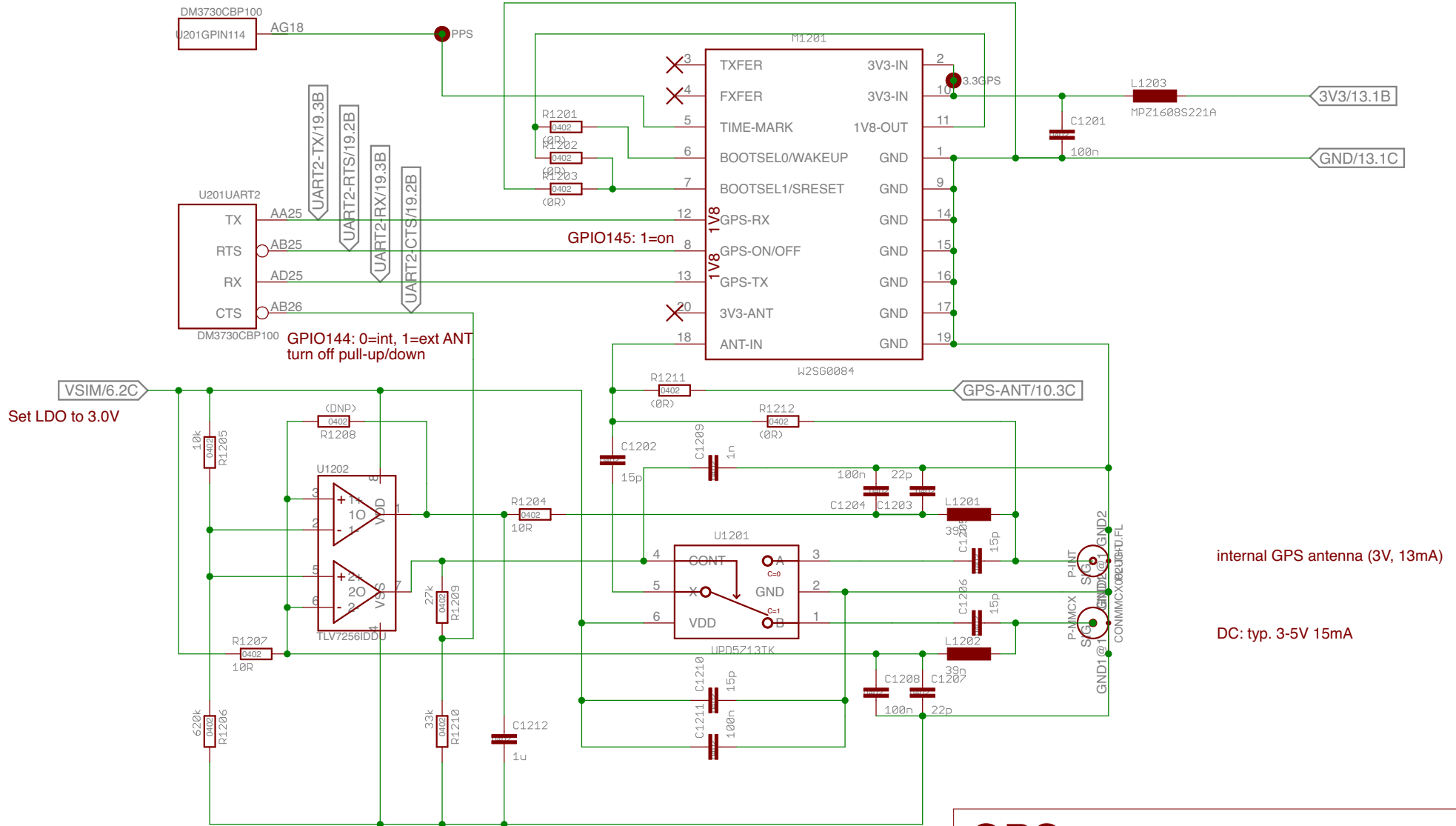


# WLAN & Bluetooth

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# GPS

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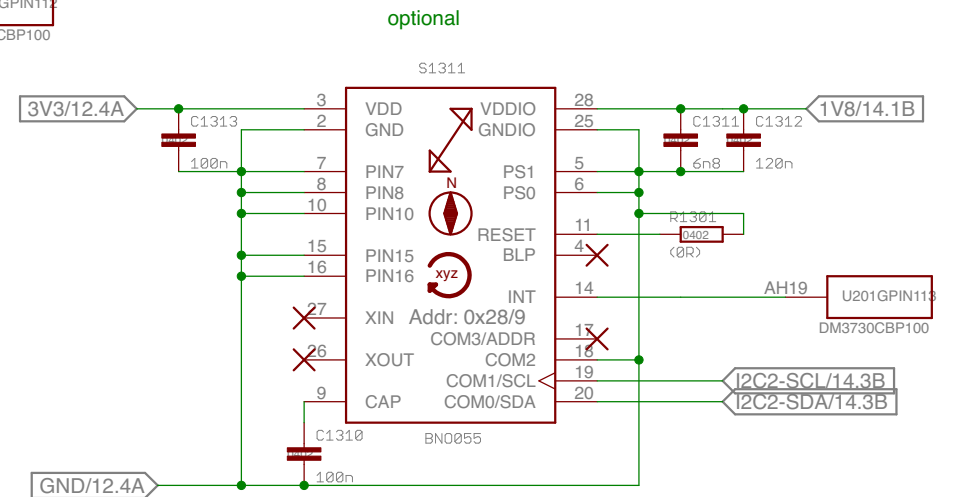
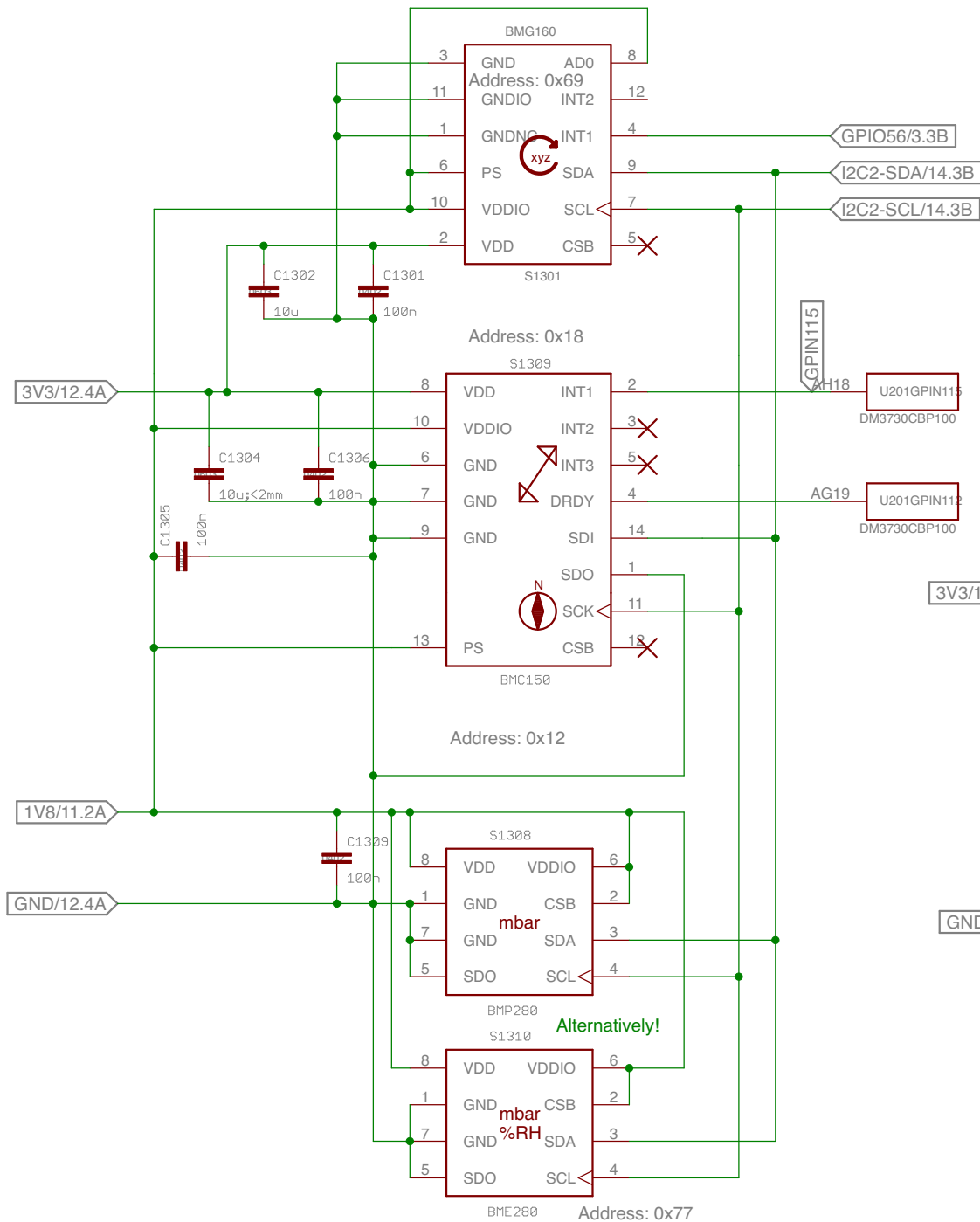
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if no antenna switch: keep R1207, make R1207, R1208, R1212 0R



## Sensors

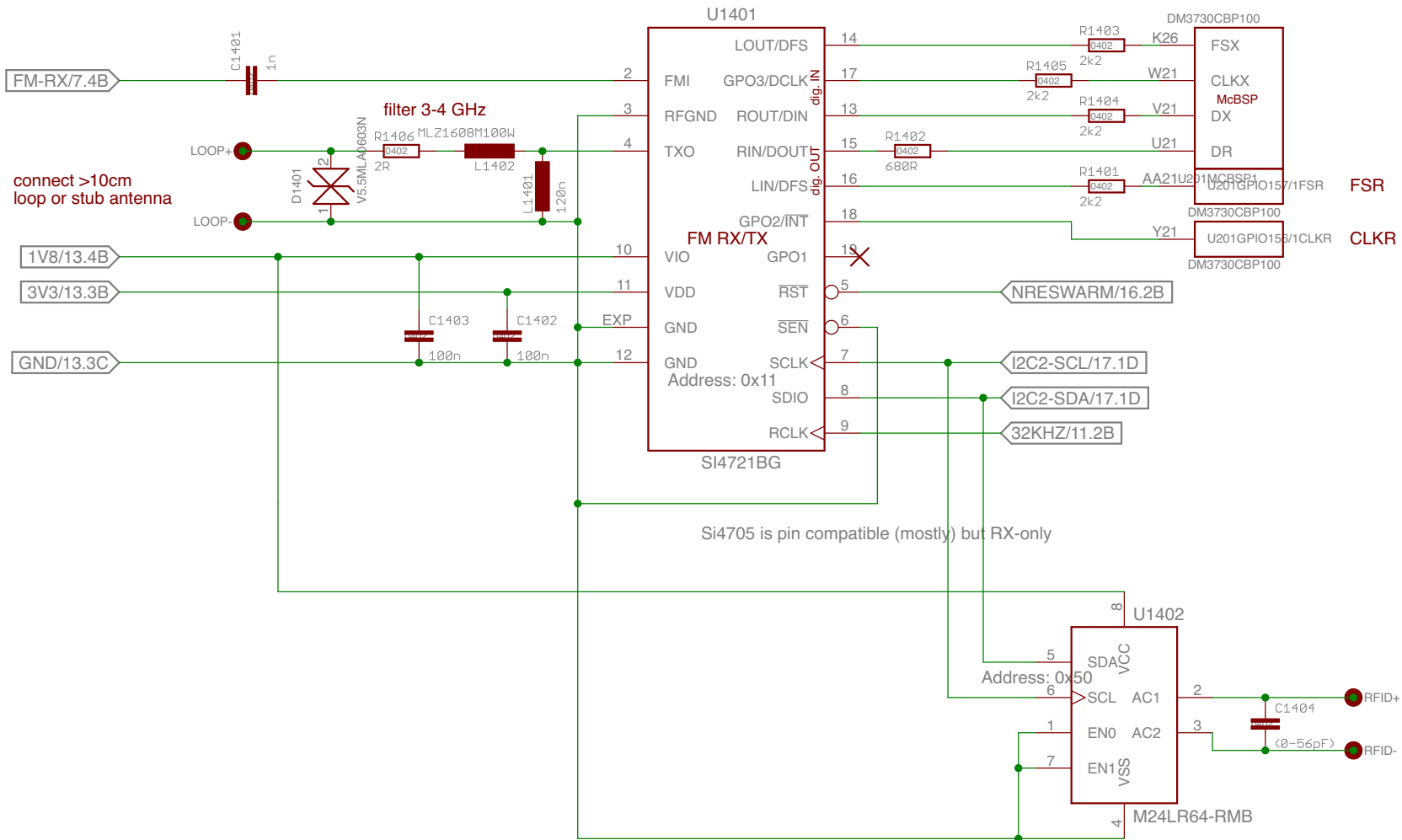
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# FM TRX & RFID-EEPROM

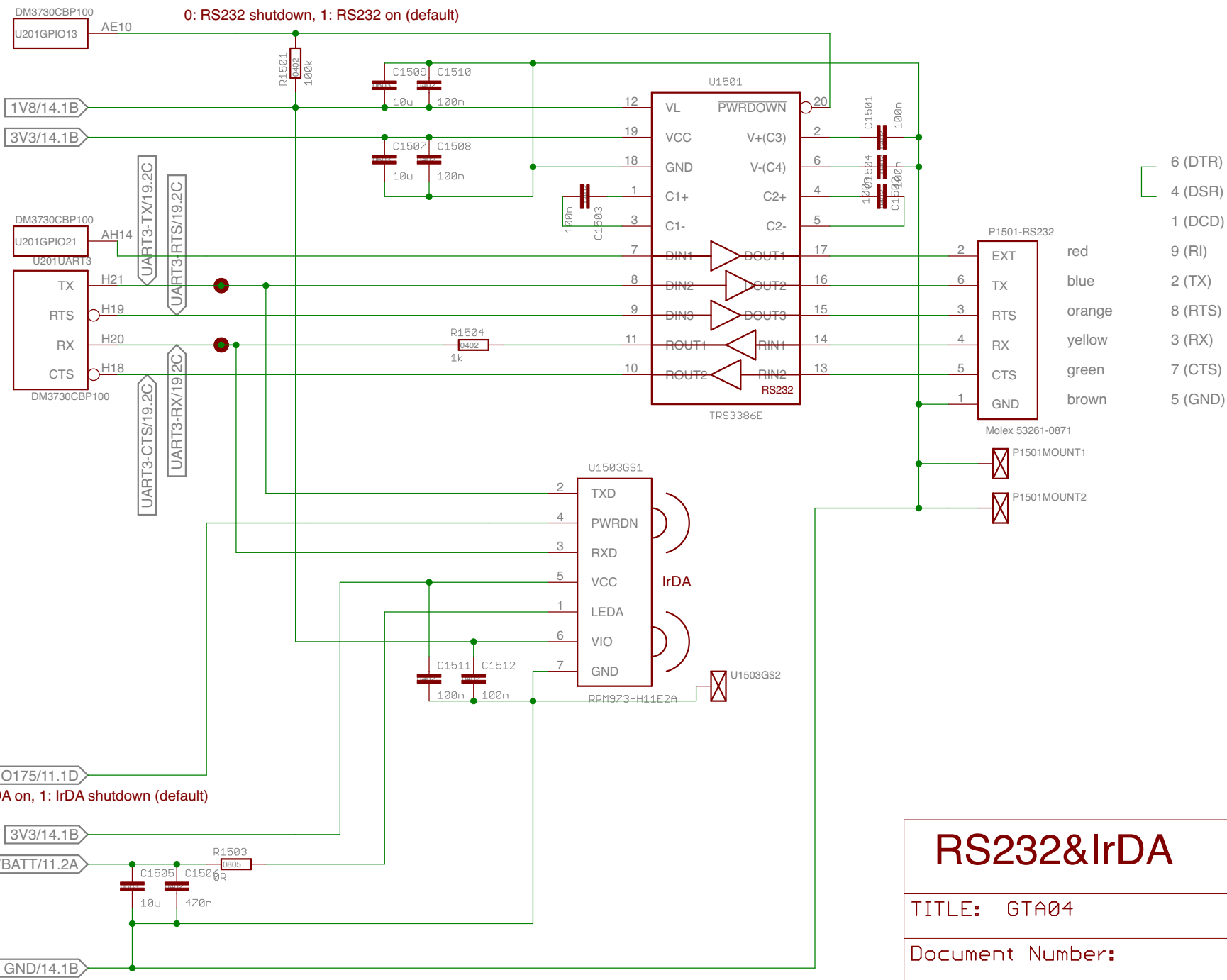
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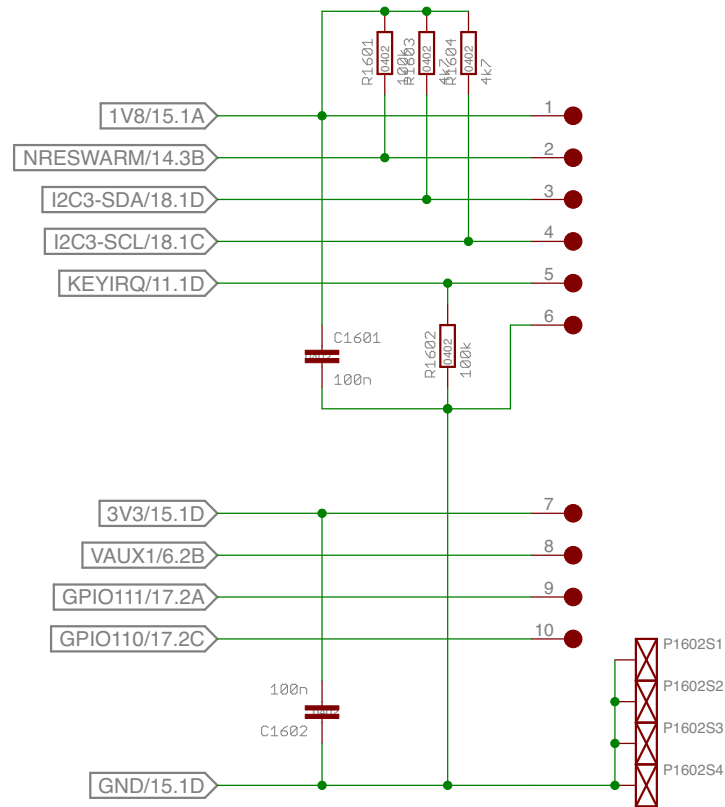
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# RS232&IrDA

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# Keypad & Expansion

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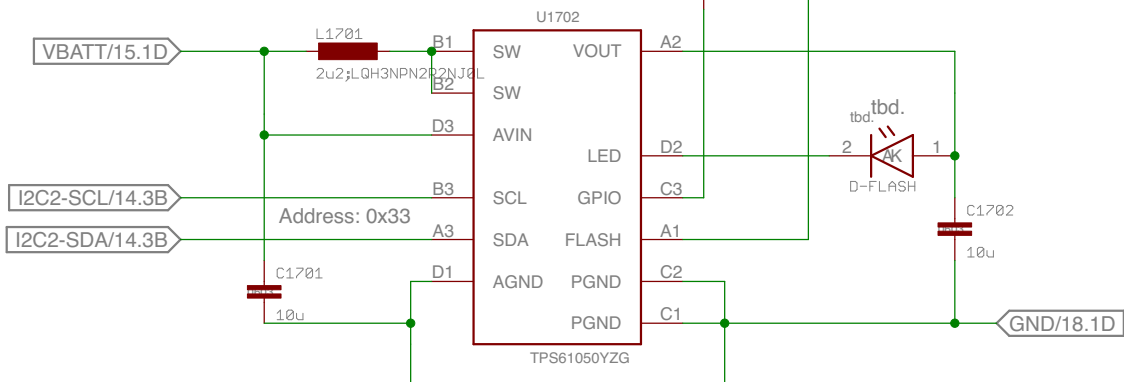
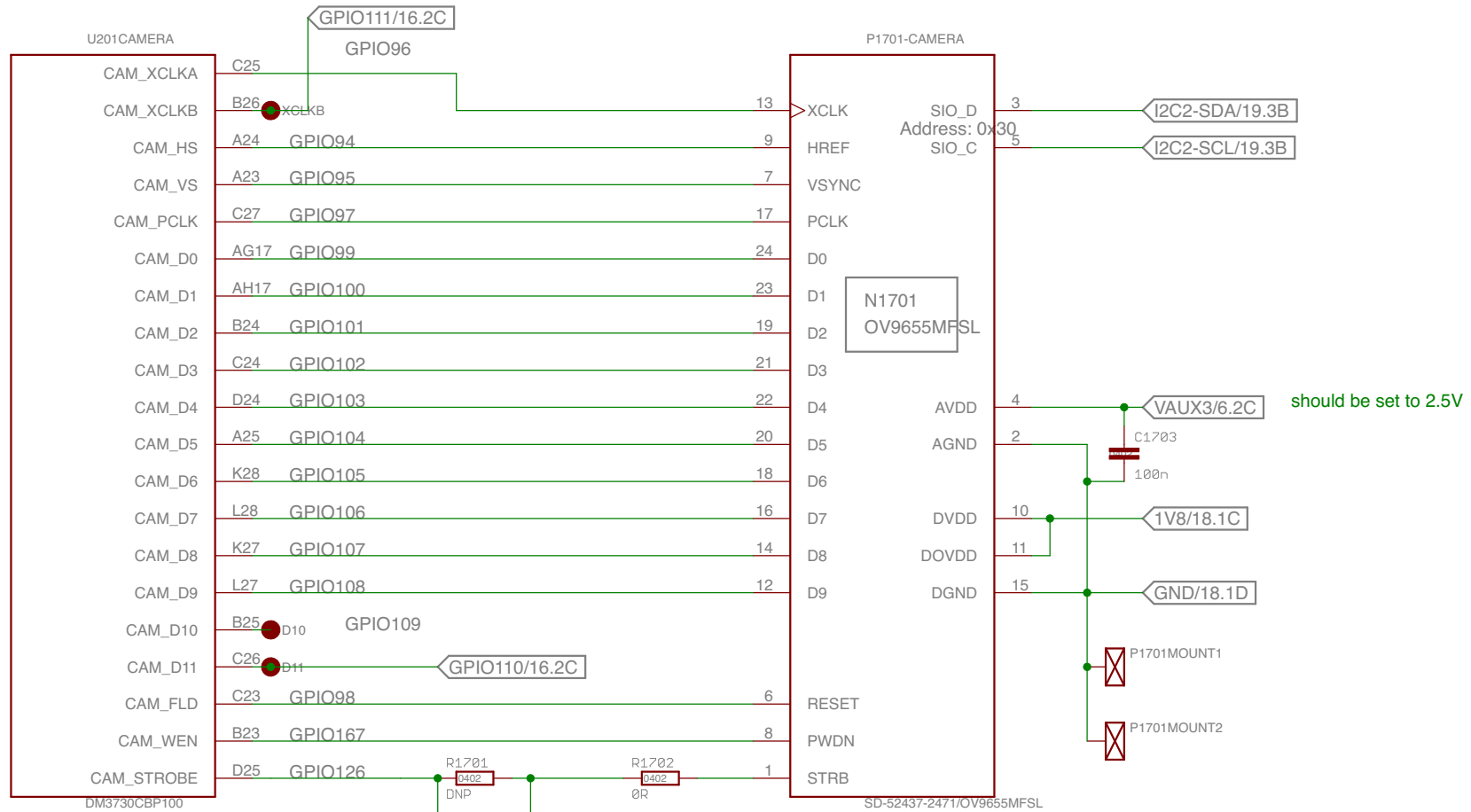
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<h1>Camera</h1>	
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