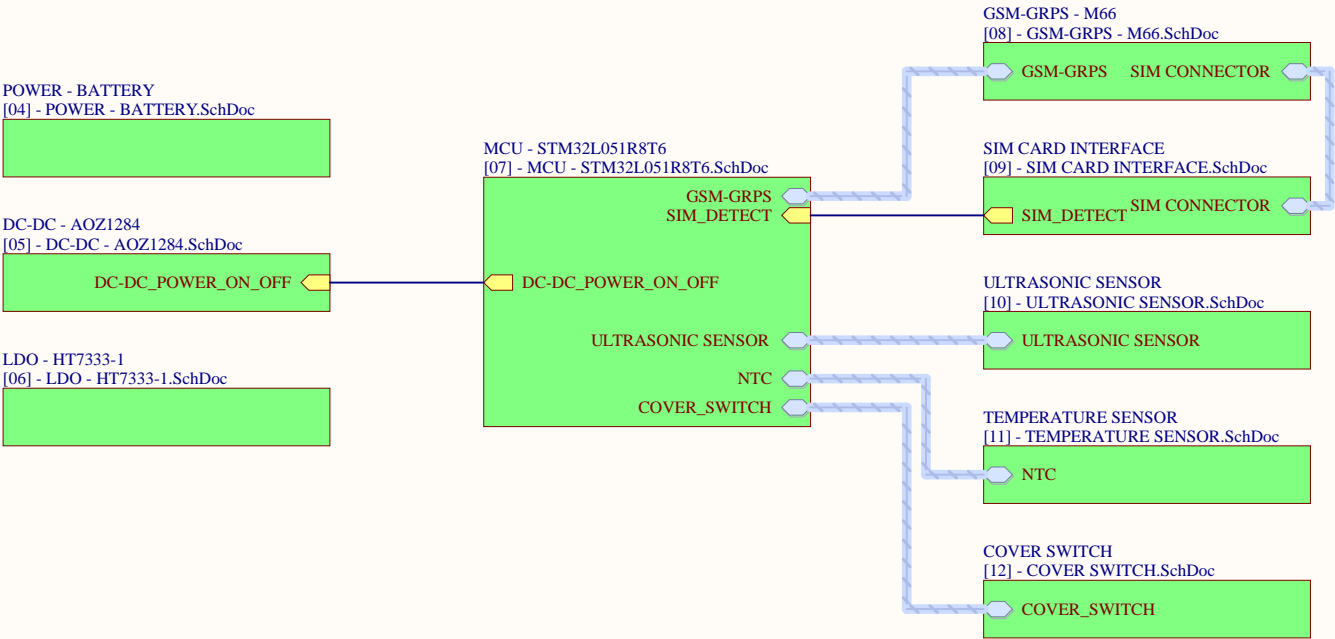


GSK-2401-V1.4 MAIN.SchDoc



COVER PAGE  
[01] - COVER PAGE.SchDoc

MOUNTING HOLES & LOGO  
[02] - MOUNTING HOLES & LOGO.SchDoc

REVISION HISTORY  
[03] - REVISION HISTORY.SchDoc

Project Name : GSK-2401-V1.4.PrjPcb		Date : 30.06.2022	Cannot open file D:\Ges_k_Projects_\Cloud Station\_Altium Files\Altium
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Sheet : 1 of 13	Size : A4	Engineer : *	Version :
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# [01] - COVER PAGE.SchDoc

## GSK-2401-V1.4.PrjPcb

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10	REVISION HISTORY

Project Name : GSK-2401-V1.4.PrjPcb		Date : 30.06.2022	Cannot open file D:\Gesck_Projects_\Cloud Station\_Altium Files\Altium
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D:\Gesck_Projects_\SynologyDrive\24-UNIVERSAL\GSK-2401\Hardware\V1.4\[01] - COVER PAGE.SchDoc			

[02] - MOUNTING HOLES & LOGO.SchDoc



LOGO1



LOGO2



LOGO3

Cann  
ot  
MH1

Cann  
ot  
MH2

Cann  
ot  
MH3

Cann  
ot  
MH4

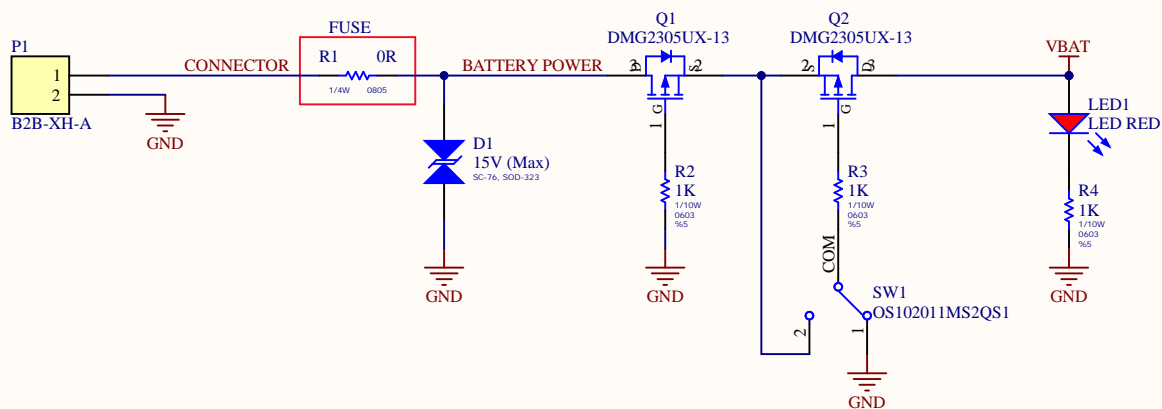
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Title : [02] - MOUNTING HOLES & LOGO.SchDoc		Time : 16:40:05	k_Projects_\Cloud Station\_Altium Files\Altium
Sheet : 3 of 13	Size : A4	Engineer : *	Version :
D:\Ges			

# [03] - REVISION HISTORY.SchDoc

Q1 Mosfeti ters çevrildi.  
R7 Direnci 560K'dan 205K'ya değiştirildi.  
R15 Direnci 10K'dan 22K'ya değiştirildi.  
Ultrasonic Sensör kütüphanesi güncellendi.

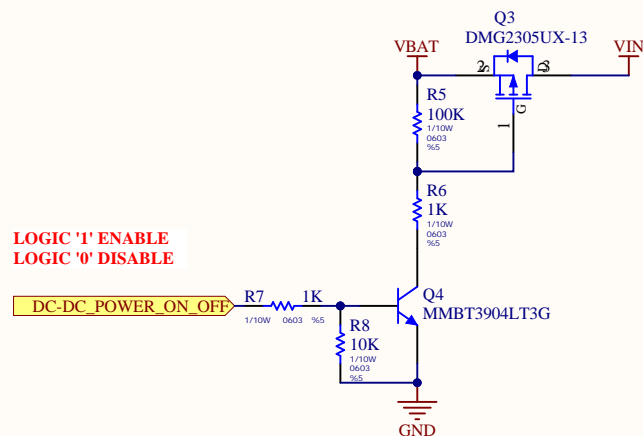
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Sheet : 4 of 13	Size : A4	Engineer : *	Version :
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# [04] - POWER - BATTERY.SchDoc

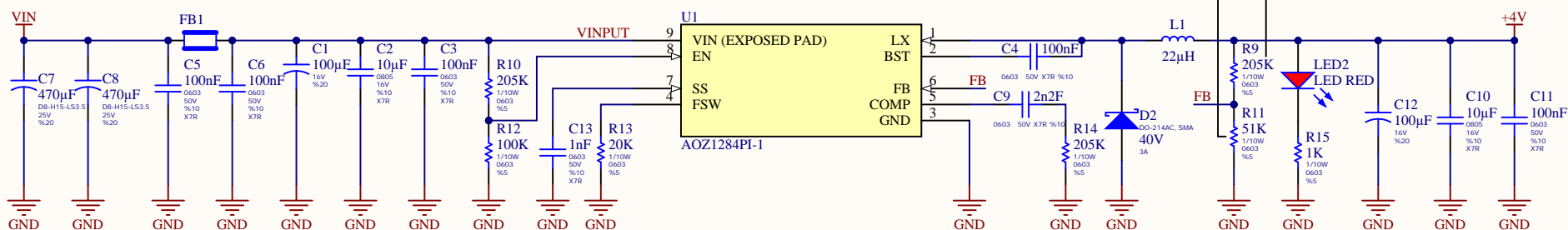


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Title : [04] - POWER - BATTERY.SchDoc			Time : 16:40:05		
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# [05] - DC-DC - AOZ1284.SchDoc

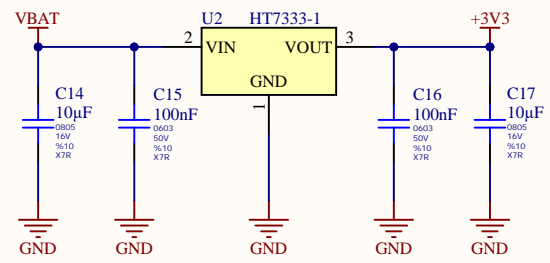


$$V_{OUT} = 0.8 \times \left(1 + \frac{R1}{R2}\right)$$



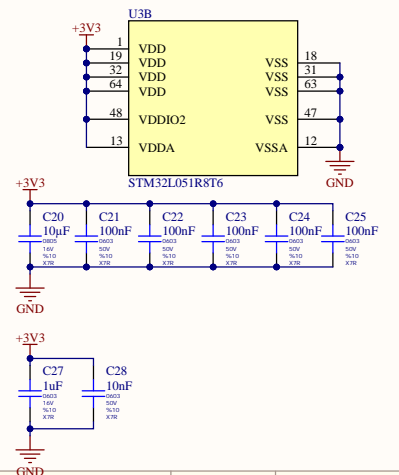
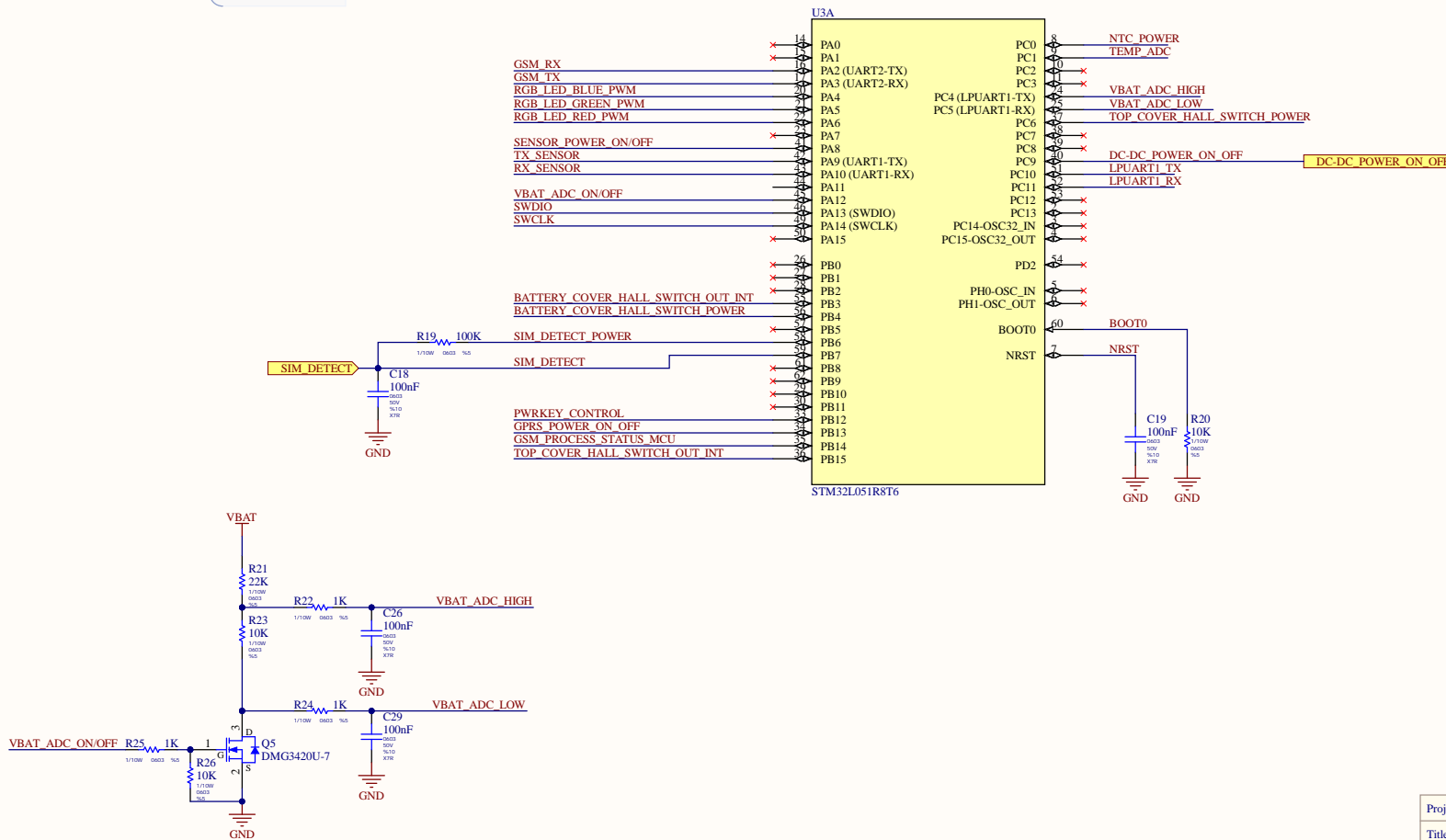
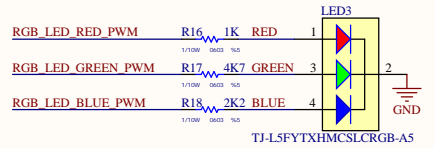
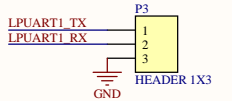
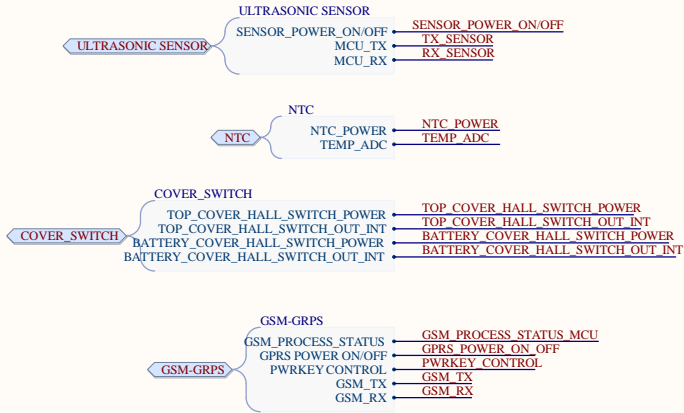
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[06] - LDO - HT7333-1.SchDoc



Project Name : GSK-2401-V1.4.PrjPcb		Date : 30.06.2022	Cannot open file D:\Gesk_Projects_\Cloud Station\_Altium Files\Altium
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Sheet : 7 of 13	Size : A4	Engineer : <drawingby>	Version :
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[07] - MCU - STM32L051R8T6.SchDoc

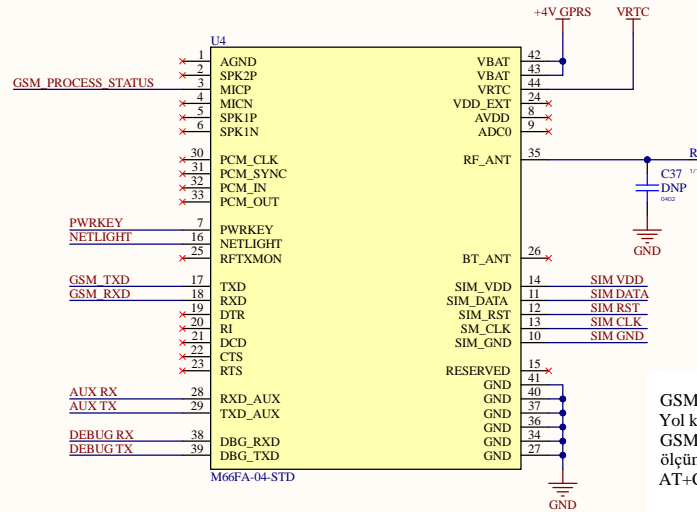
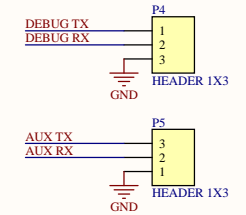
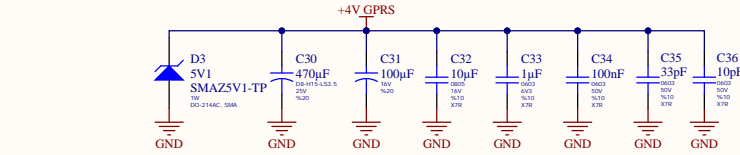
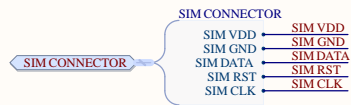
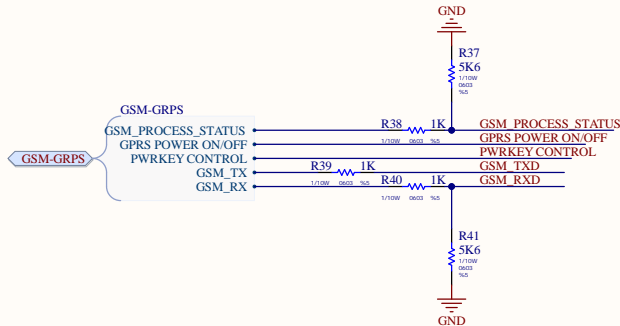
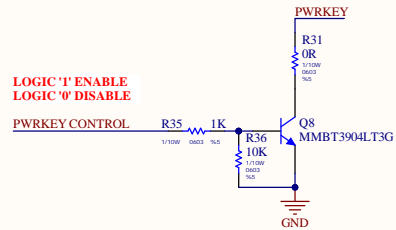
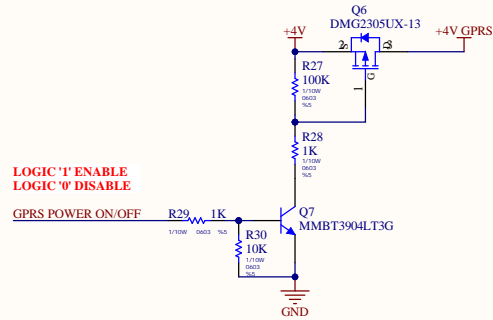


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Title : [07] - MCU - STM32L051R8T6.SchDoc		Time : 16:40:05	
Sheet : 8 of 13	Size : A3	Engineer : <drawingby>	Version :

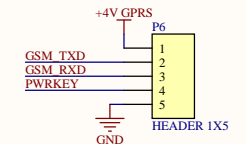
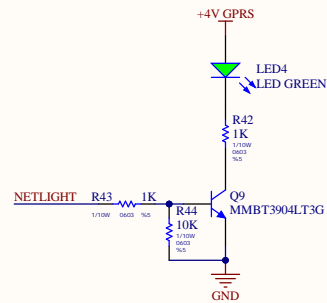
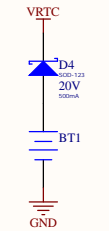
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[08] - GSM-GRPS - M66.SchDoc

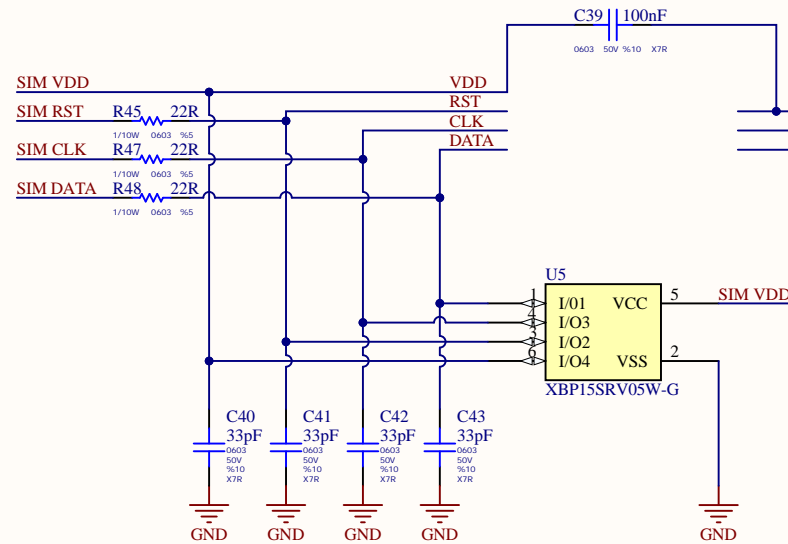
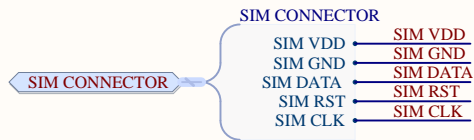


GSM/GPRS Modülünden antena kadar olan yol kalınlığı maksimum 0.8mm olabilir. Yol kalınlığı 0.8mm den daha kalın olursa hesaplanan yol empedansı 50 ohm olsa bile GSM/GPRS modülünün çekim kalitesi düşüyor. Şuanki devrede AT komutları ile alınan ölçüm değeri 30-31 olarak alındı. (Alınabilecek maksimum değer 31'dir. AT+CSQ Komutu ile alınan Sinyal kalite ölçümü.)



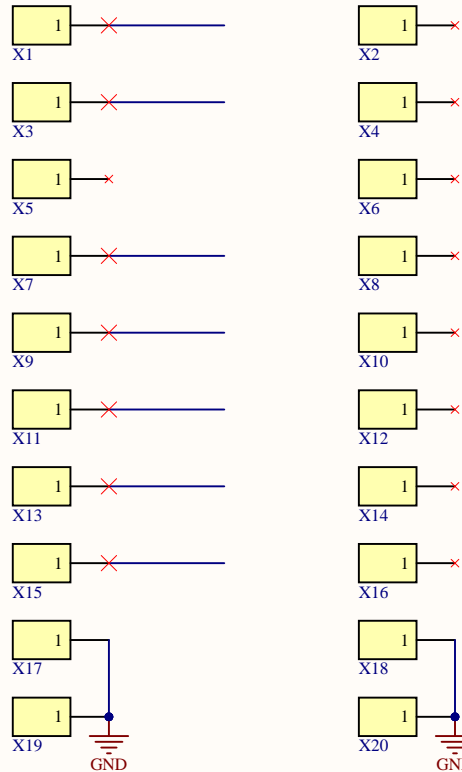
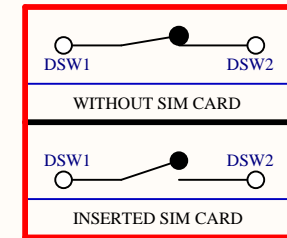
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Title : [08] - GSM-GRPS - M66.SchDoc		Time : 16:40:05	Station\Altium Files\Altium
Sheet : 9 of 13	Size : A3	Engineer : <drawingby>	Version :
D:\Gesk_Projects\_SynologyDrive\24-UNIVERSAL\GSK-2401\Hardware\V1.4\ [08] - GSM-GRPS - M66.SchDoc			

# [09] - SIM CARD INTERFACE.SchDoc



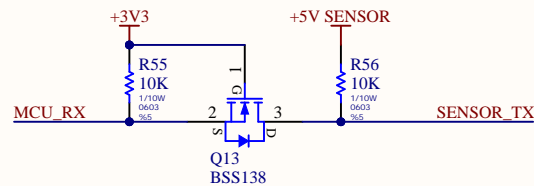
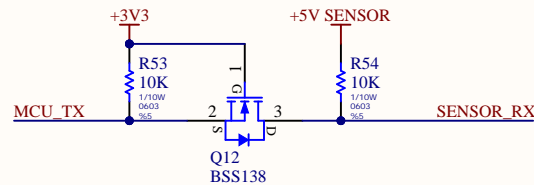
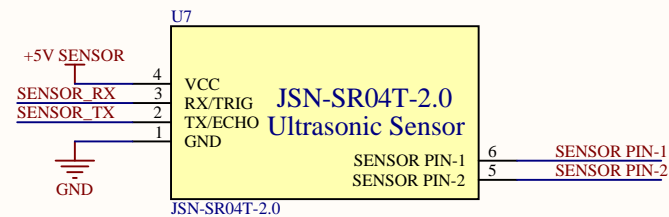
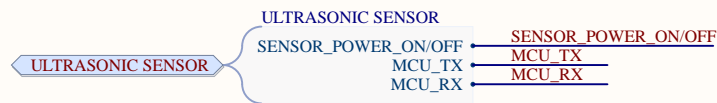
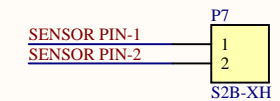
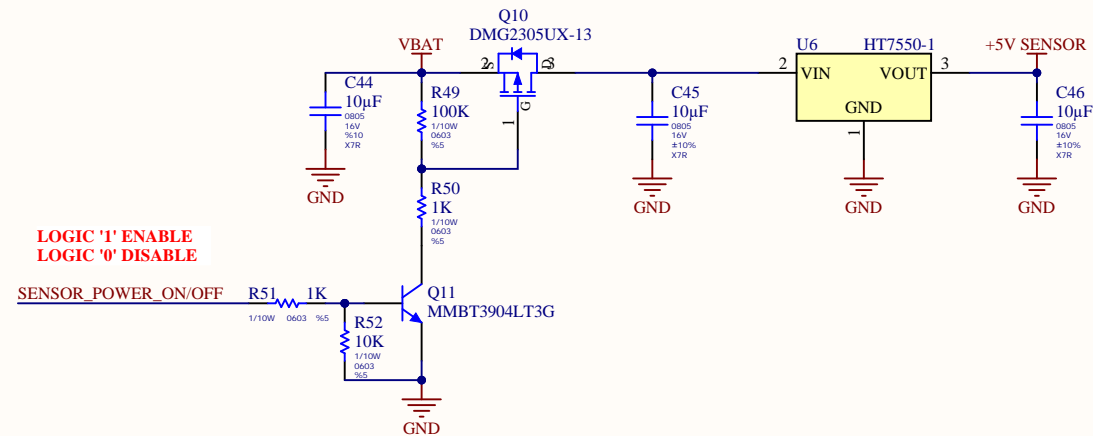
GND M66'ya ayrı olarak bağlanmalı.

**SIM CARD DETECTION SWITCH**



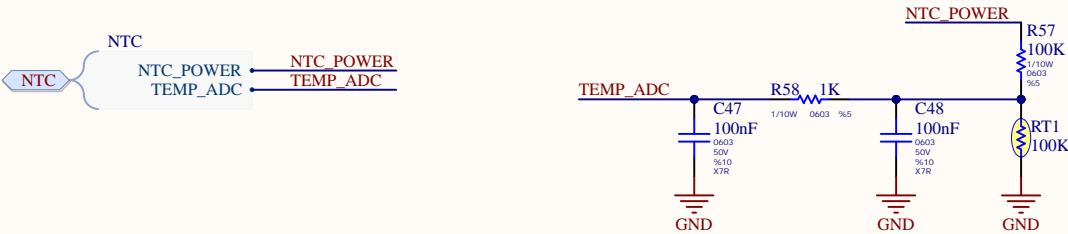
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Title : [09] - SIM CARD INTERFACE.SchDoc		Time : 16:40:05	
Sheet : 10 of 13	Size : A4	Engineer : <drawingby>	Version :
D:\Ges_k_Projects_\SynologyDrive\24-UNIVERSAL\GSK-2401\Hardware\V1.4\{09} - SIM CARD INTERFACE.S			

# [10] - ULTRASONIC SENSOR.SchDoc



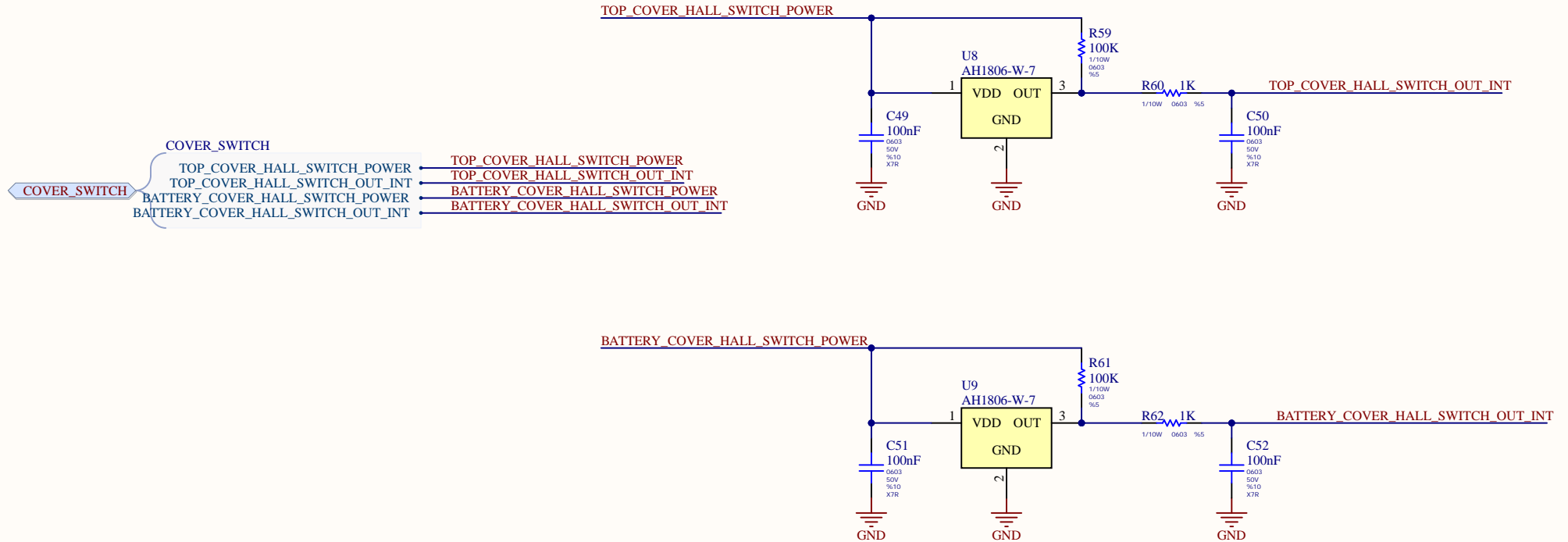
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D:\Gesk_Projects_\SynologyDrive\24-UNIVERSAL\GSK-2401\Hardware\V1.4\ [10] - ULTRASONIC SENSOR.S			

[11] - TEMPERATURE SENSOR.SchDoc



Project Name : GSK-2401-V1.4.PrjPcb		Date : 30.06.2022	Cannot open file D:\Gesk_Projects_\Cloud Station\_Altium Files\Altium
Title : [11] - TEMPERATURE SENSOR.SchDoc		Time : 16:40:05	
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D:\Gesk_Projects_\SynologyDrive\24-UNIVERSAL\GSK-2401\Hardware\V1.4\[11] - TEMPERATURE SENSOR			

# [12] - COVER SWITCH.SchDoc



Project Name : GSK-2401-V1.4.PrjPcb		Date : 30.06.2022	Cannot open file D:\Gesk_Projects_\Cloud Station\_Altium Files\Altium
Title : [12] - COVER SWITCH.SchDoc		Time : 16:40:05	
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