

D

C

B

A

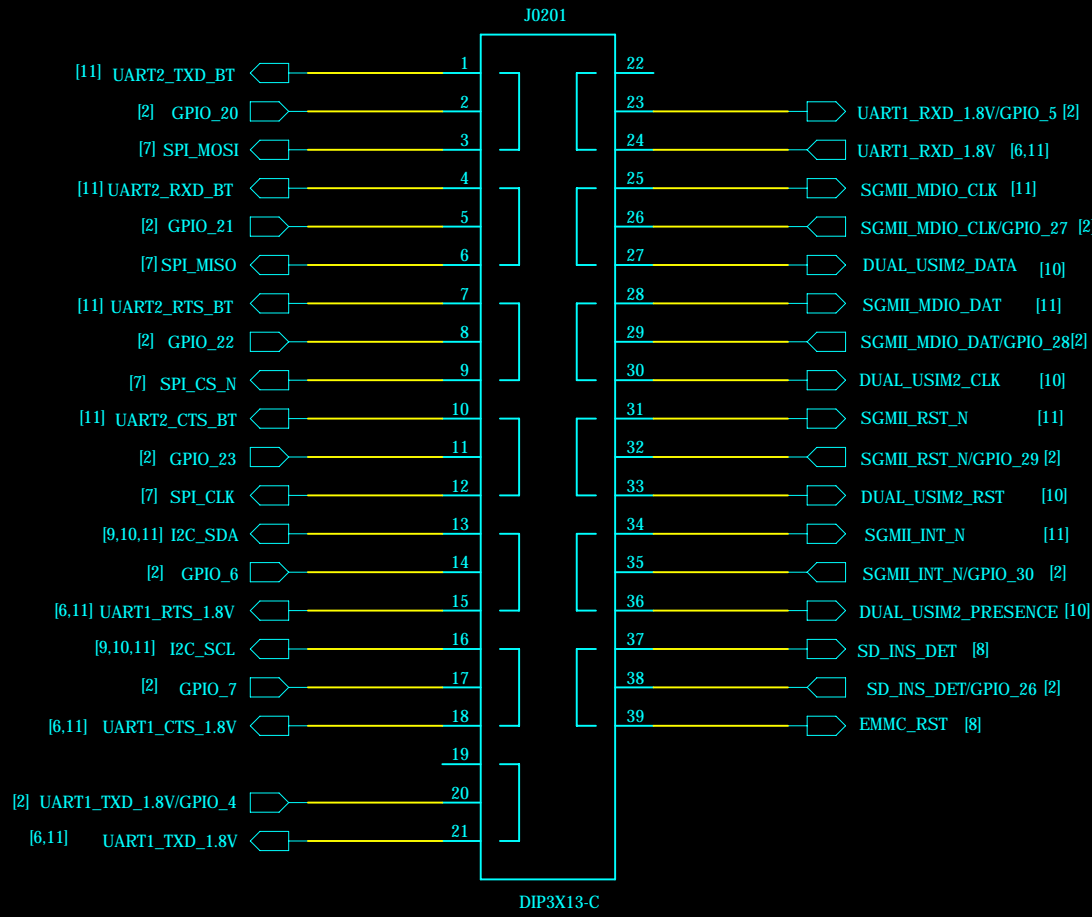
D

C

B

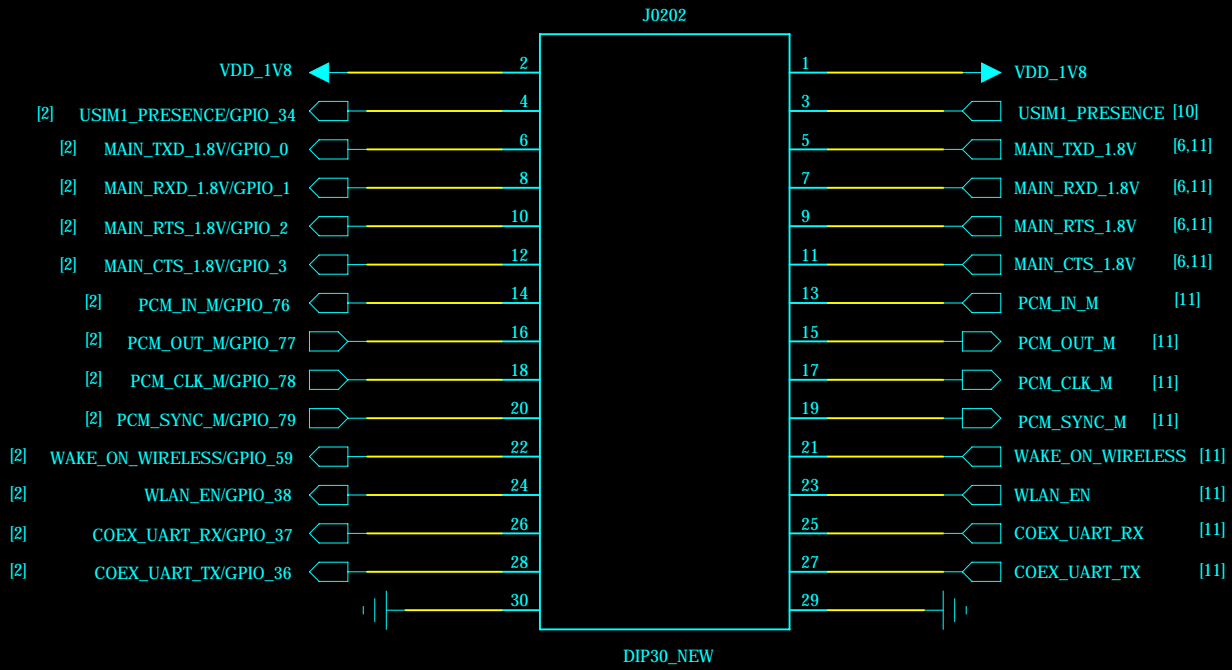
A

GPIO ¼, ´ÓÃ¹|ÄÜ



ÈµÃ±£°

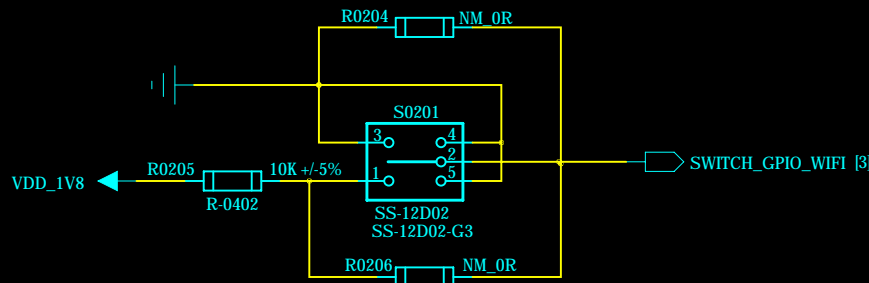
ËýÄÄÄÄÖë£-²»¼ÖÌõÏßÄ±Ê±GPIO¹|ÄÜ£-×óÖÖ¼ÖÌõÏßÄ±Ê±, ´ÓÃ¹|ÄÜ;£



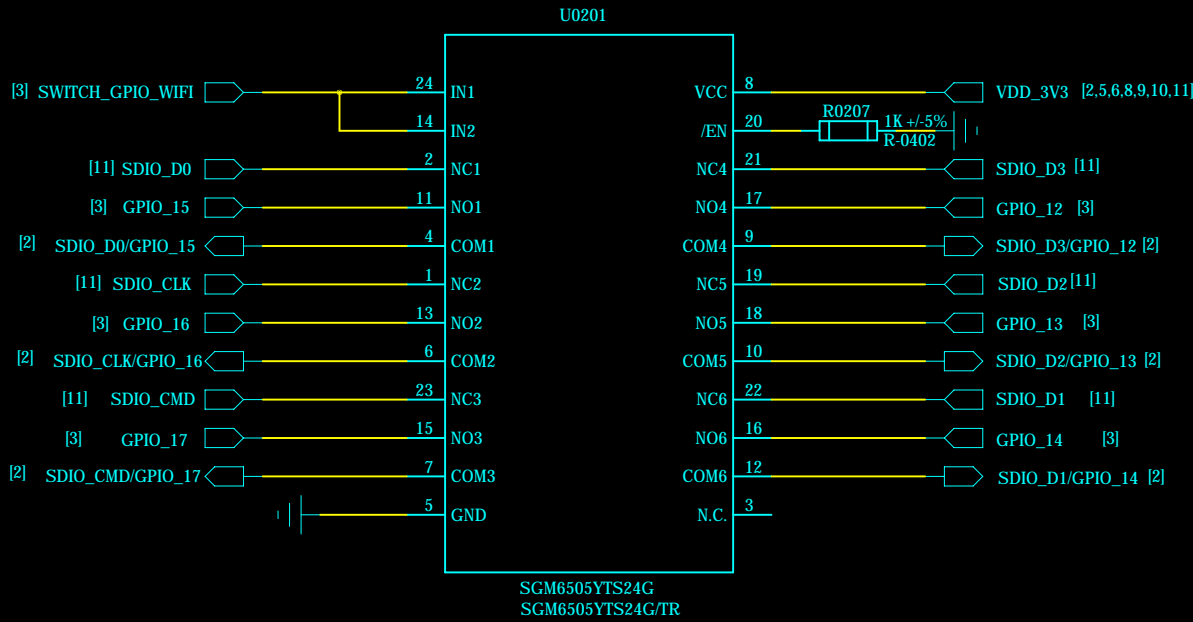
ÈµÃ±£°

Ë»ÄÄÖë£-²»¼ÖÌõÏßÄ±Ê±GPIO¹|ÄÜ£-¼ÖÌõÏßÄ±Ê±, ´ÓÃ¹|ÄÜ;£

WIFI/GPIOÇÐ»»

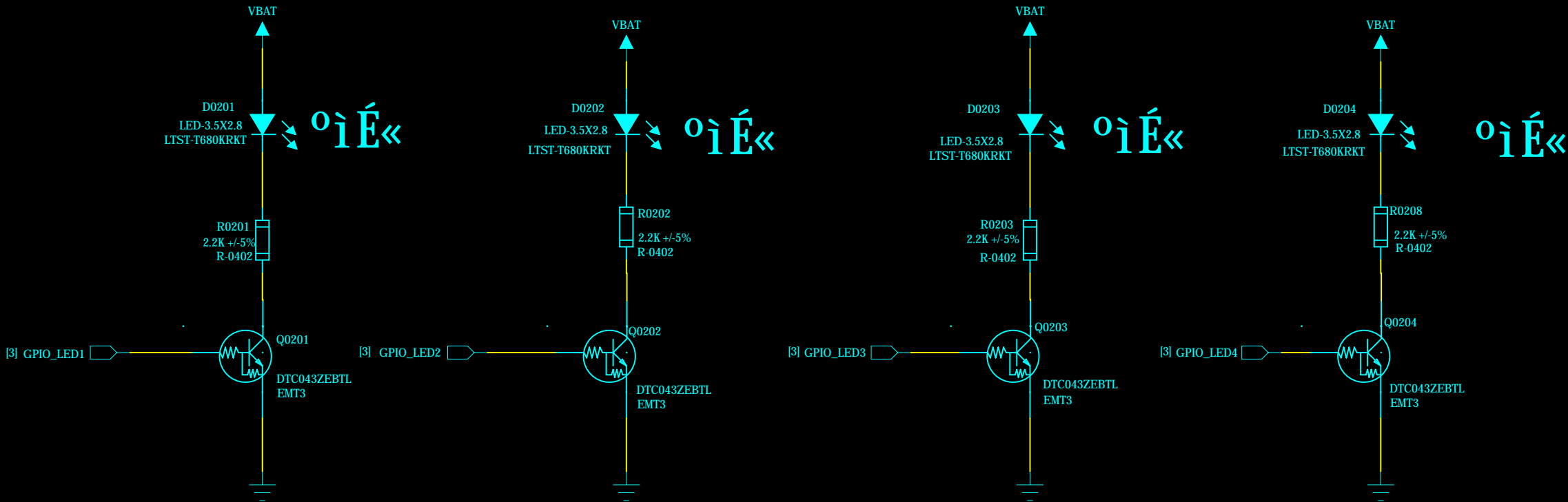
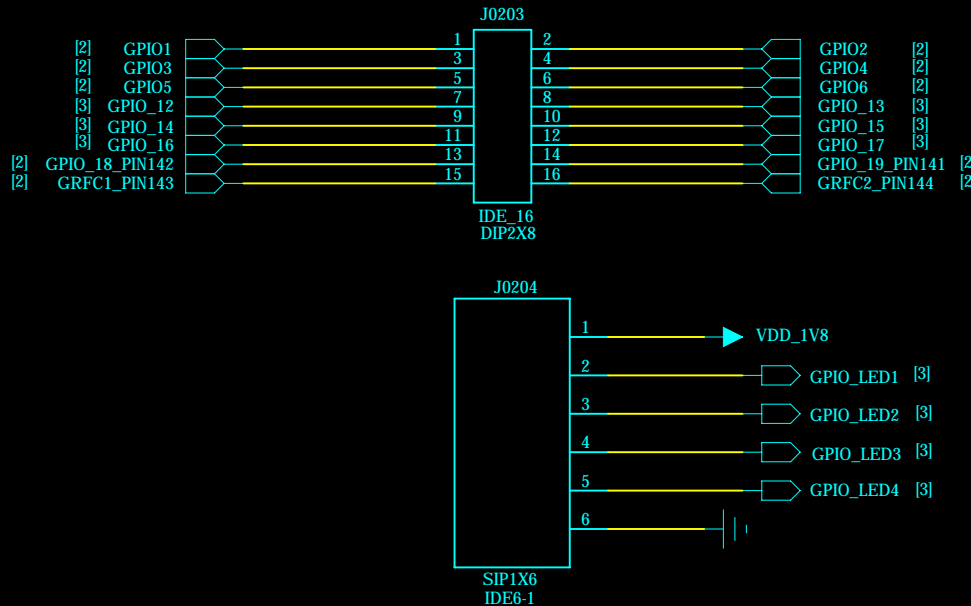


SWITCH_GPIO_WIFIÄ-ÈÌ¼ÖÌõWIFI¹|ÄÜ



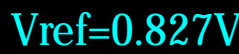
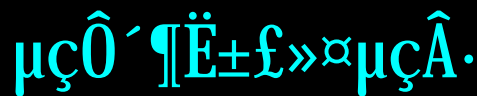
IN1/IN2Ï-Ê±µÏµÇÆ£-NCÑ;Ï´£»,ßµÇÆ£-NOÑ;Ï´;£

GPIO ¼LED;ØÖÄµçÂ.



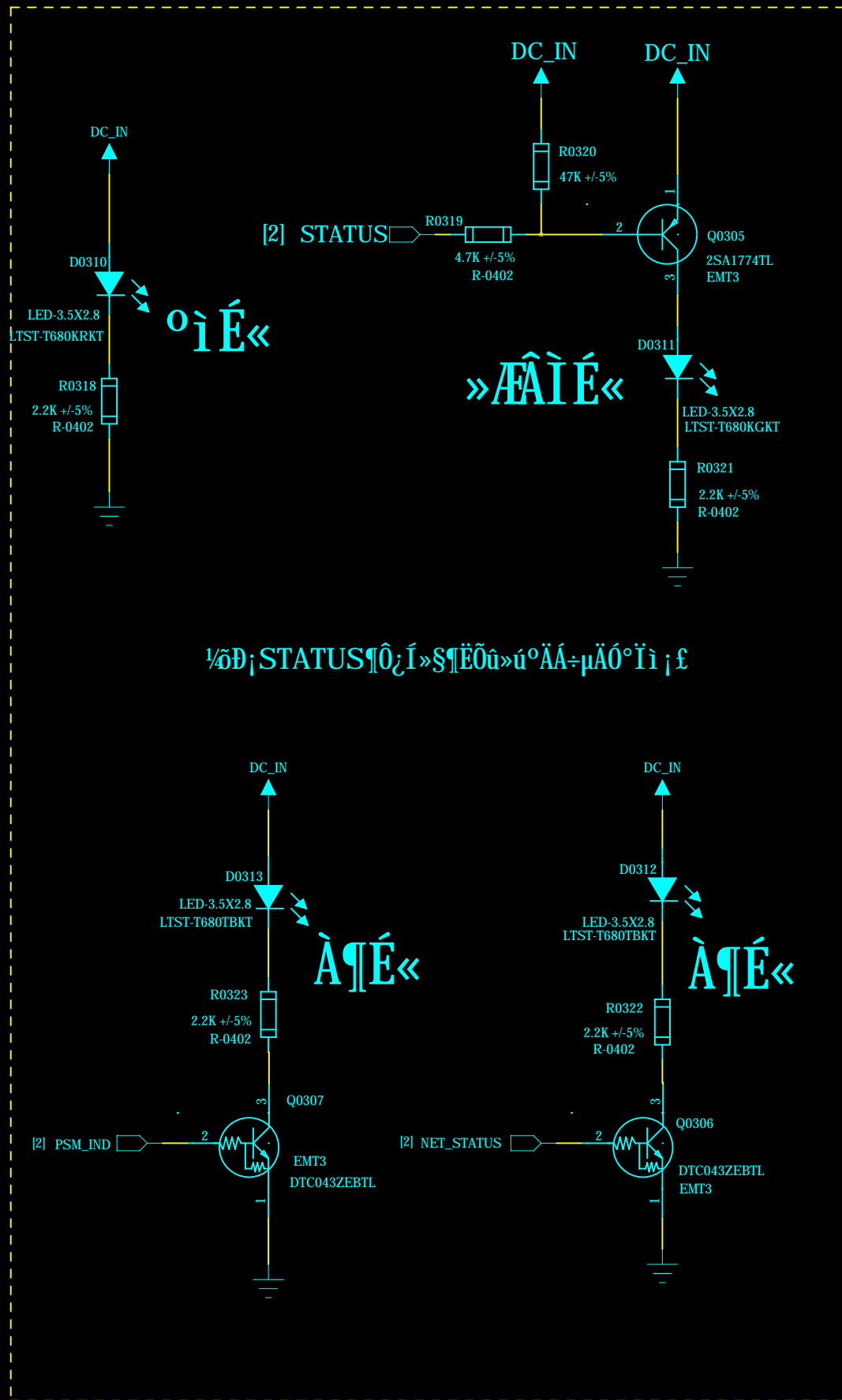
IN1	IN2	NC1;«NC6 TO COM1~COM6	NO1;«NO6 TO COM1~COM6
L	L	ON	OFF
H	H	OFF	ON

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CHECKED BY Woody.Wu	SIZE A2	VER V1.1
SHEET	3 OF 11	DATE 2017/6/16



$$V_{out} = (R_{203}/R_{204} + 1) * 0.827 = 3.89V$$

- C2010°Cóť0.1uF, X7R/X5R, 10V or higher.
- RT/CLKĀāÖĀč^a·0μAĤĒf-Ō½βf-χĒÖŌ%ŏĐ;Êä³öμçËY°Íμç·Đf-μ«ÊÇ»âŎî³Êü·βμĀč^a·0Ėð°Āf-ĪĖŏ1MHzf-¶ŐŐ|R206=182K.
- μç·ĐMDMK4040T1R5MM / MDWK4040T1R5MM
Č°Ŧβ¶¶¶·μčÁ=4.5Af-0ŏßčĒĚıȳ7Af-μ«ÊÇ·ăx°,β¶ĒĒŏŏ%Őμ¼2mmĀĒ; f
- μçËYμĀESRĐeĐ;ŐŬ55mohm; f
ŏŏ·ĒĒ47uFμçËYŇ;ĐĪJMK212BBJ476MČg f-1MHzĪĀĐ;ŐŬ0.01mohm
220uFŇ;ĐĪT520B227MŐŐ6ATE035f-35mohmf-ŎY²»İu; f
- R205/C211Ī^a³ŏ²¹¼⁄⁄ĤĀŏμf-´ýμ=ĒŐ
- ÊĀĒē¶ĒĒĀ´ôμçËYĪ-NũŐŰ; ĀŇ;Őñlow ESRμĀĒ-¼p; f



<h1 style="text-align: center;">Quectel Wireless Solutions</h1>			
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CHECKED BY Woody.Wu	SIZE A2		VER V1.1
	SHEET 4 OF 11	DATE 2017/6/16	

D

C

B

A

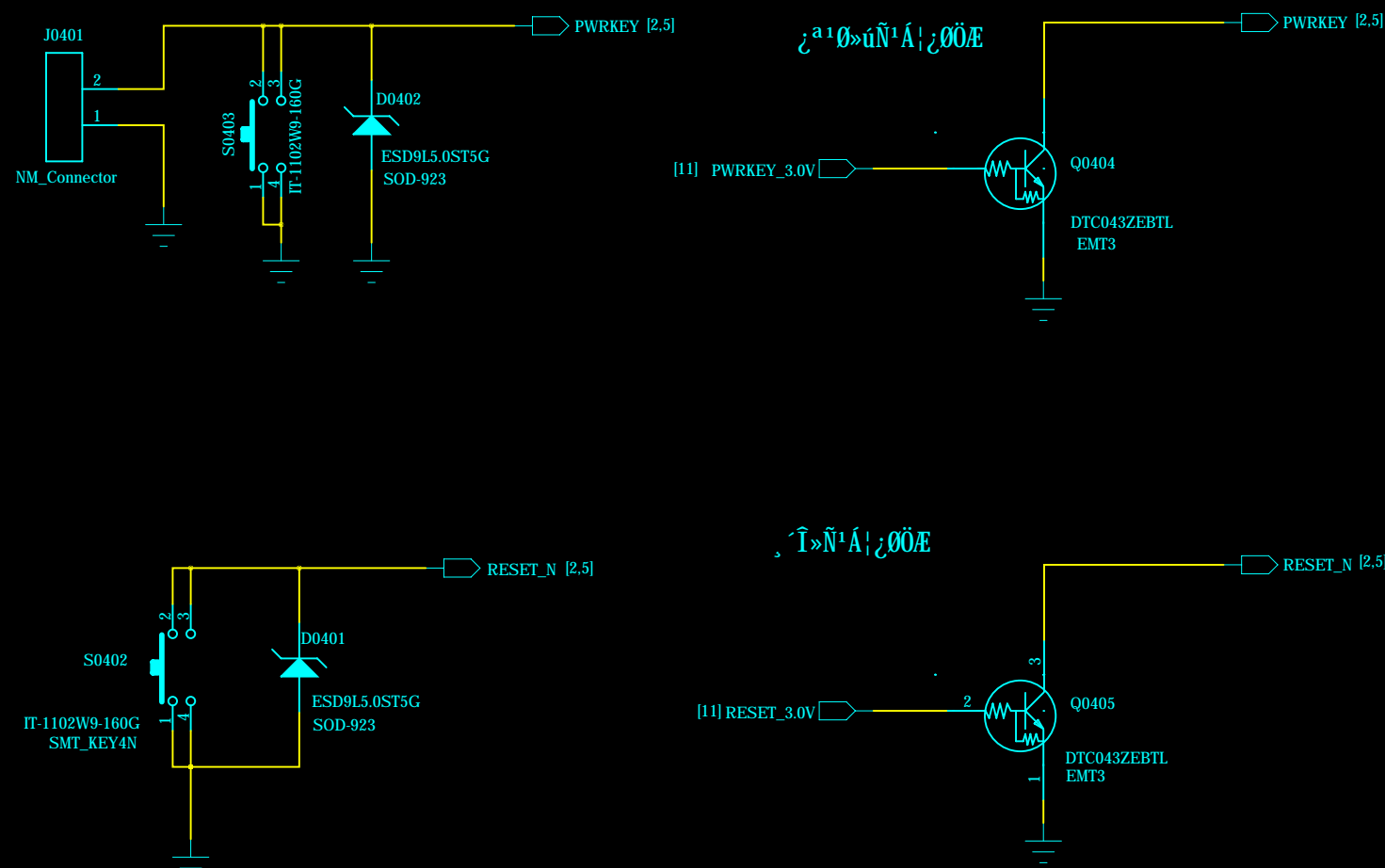
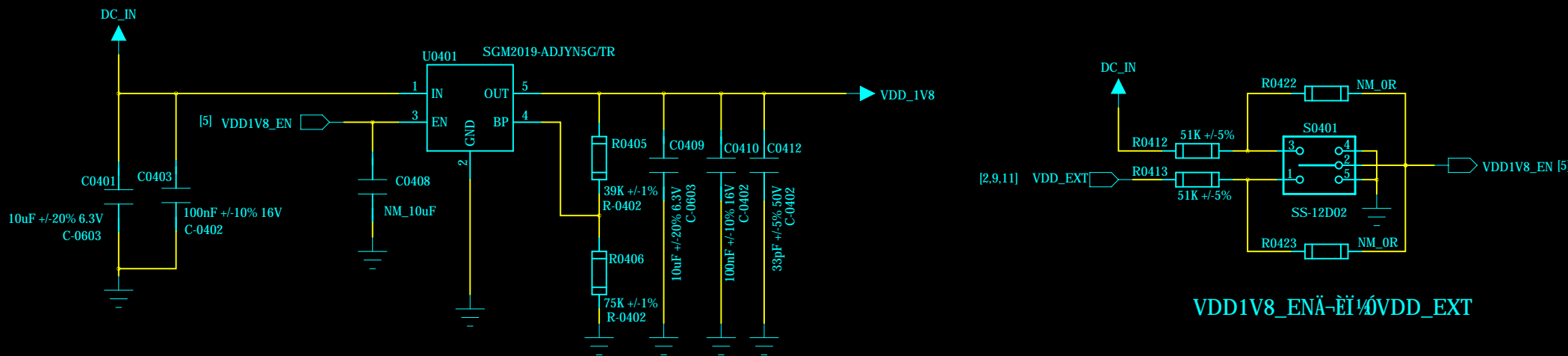
D

C

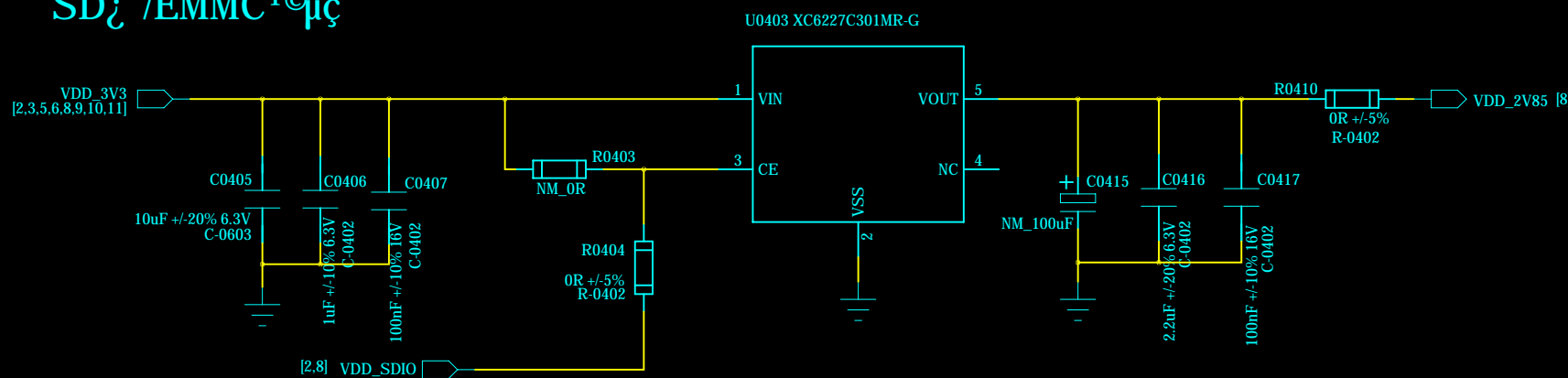
B

A

$$V_{out} = [(R0405 + R0406) / R0406] \times 1.207 = 1.8V$$

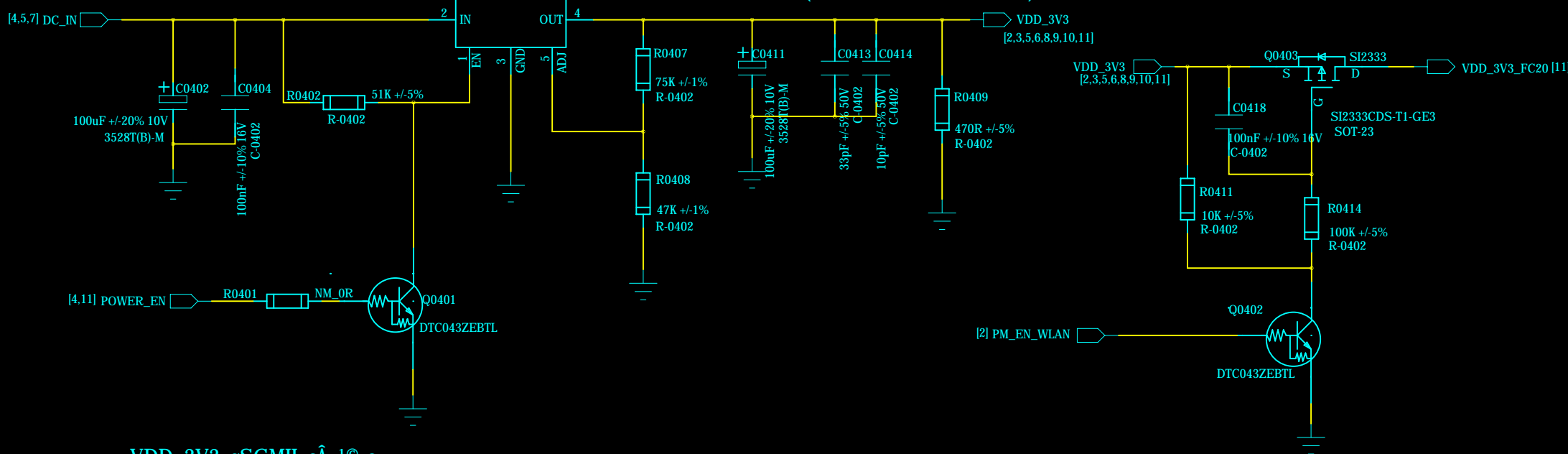


SD/MMC

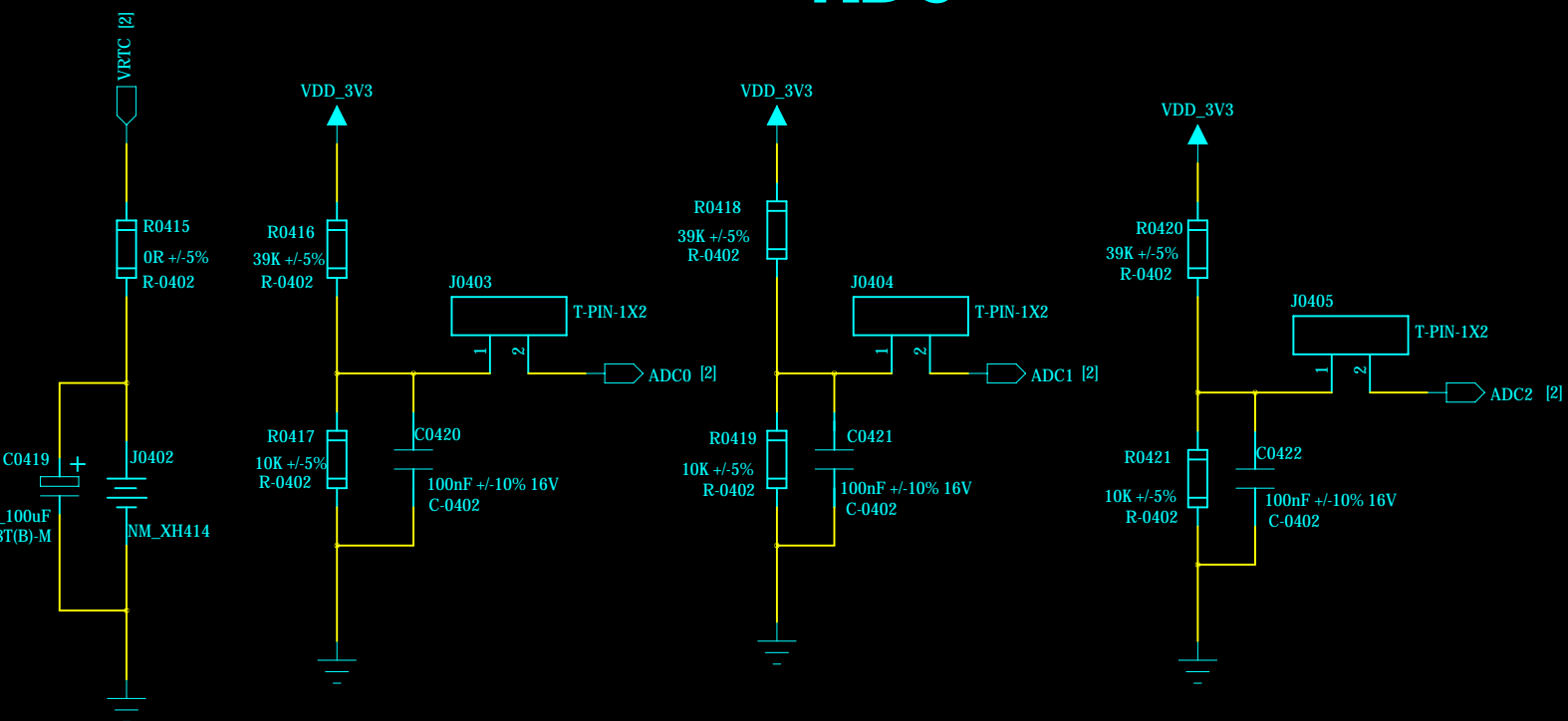


FC20

$$V_{out} = (1 + R0407 / R0408) \times 1.24 = 3.3V$$



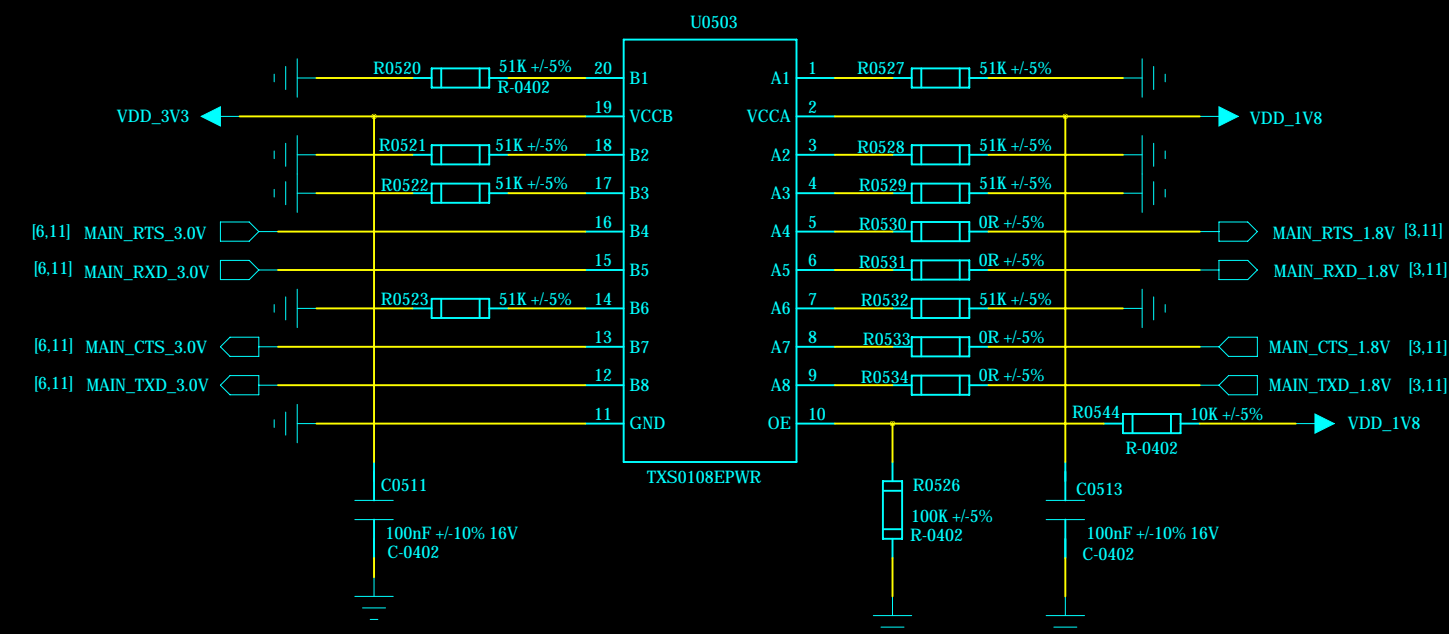
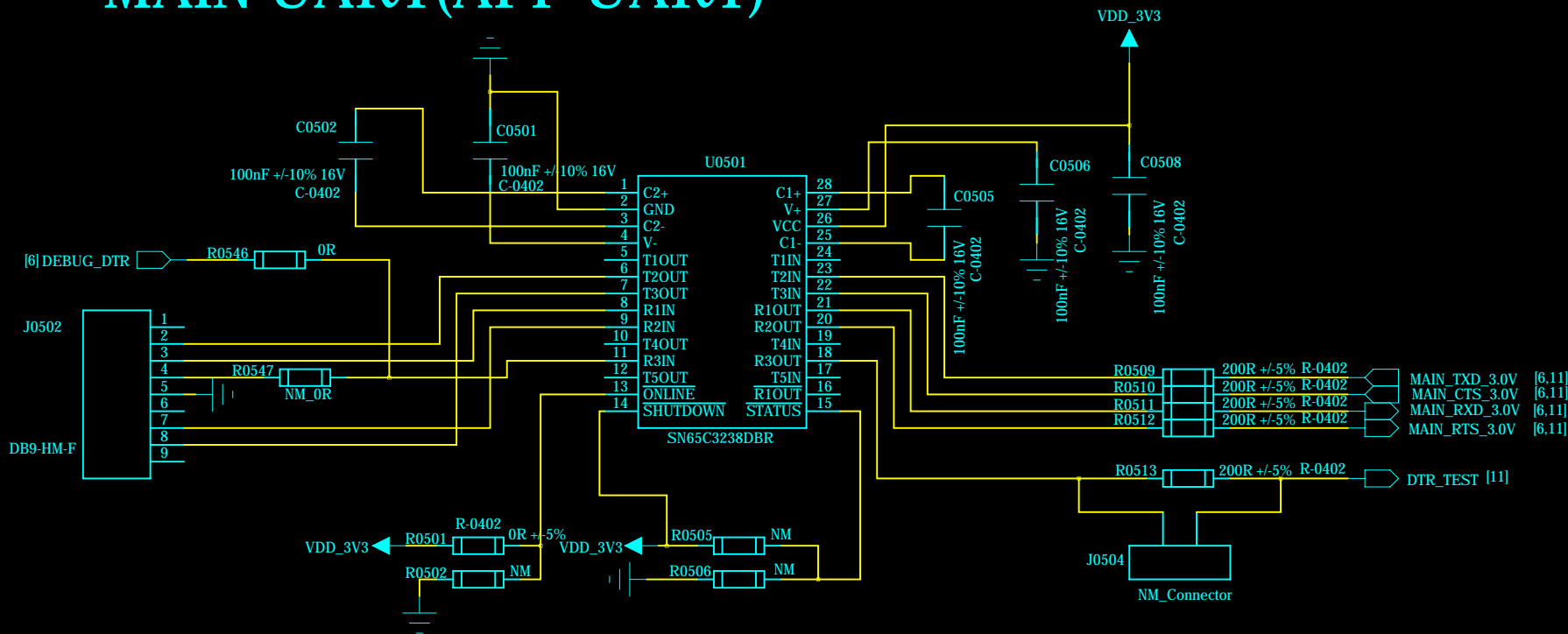
ADC



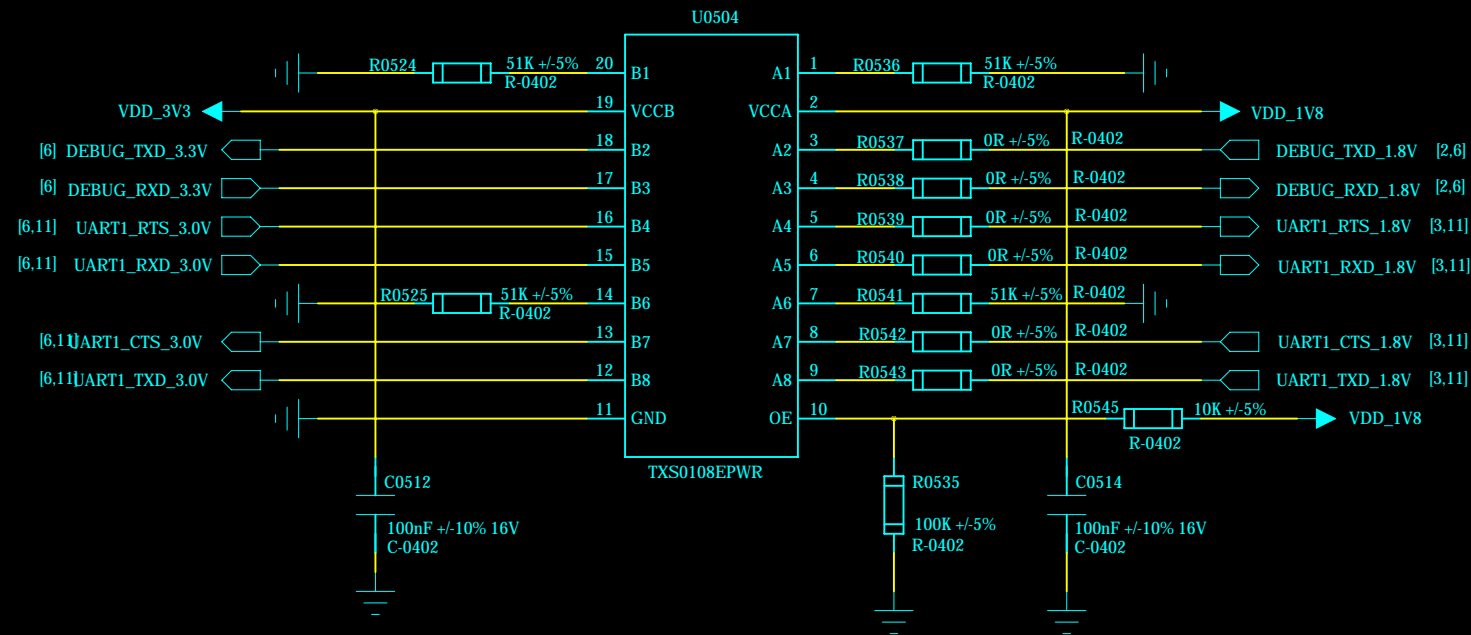
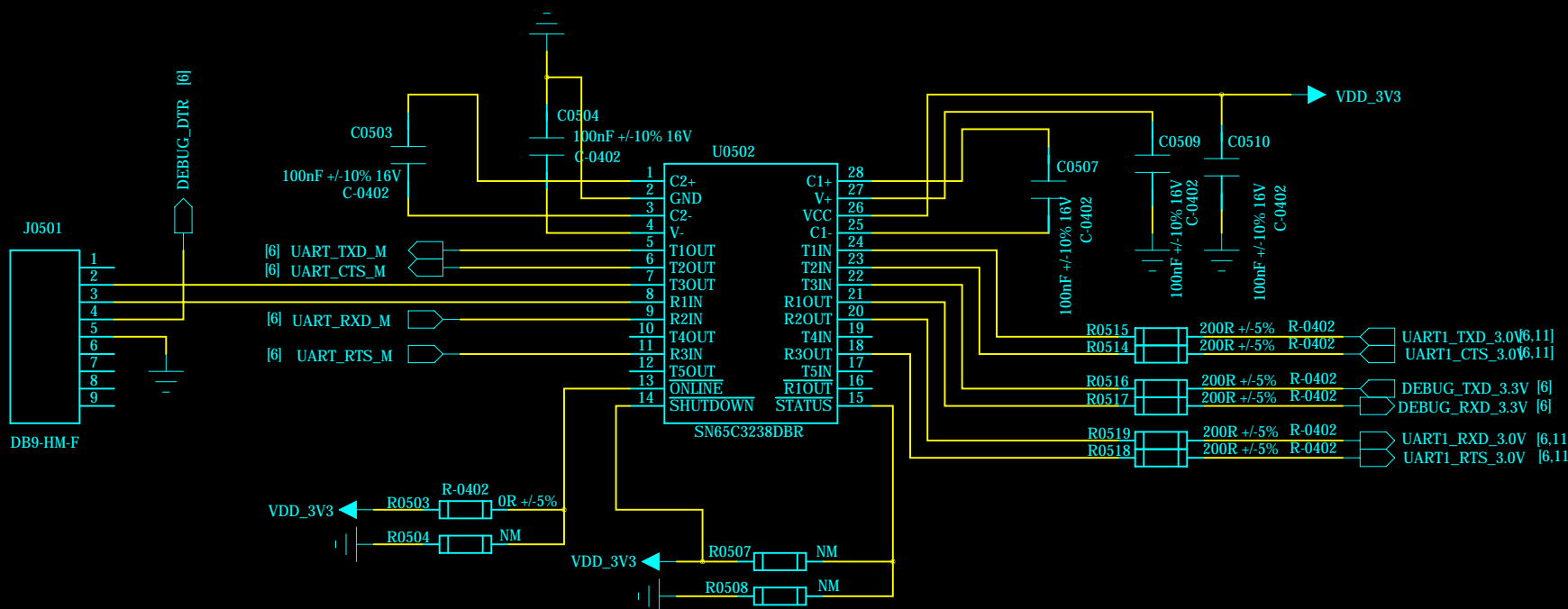
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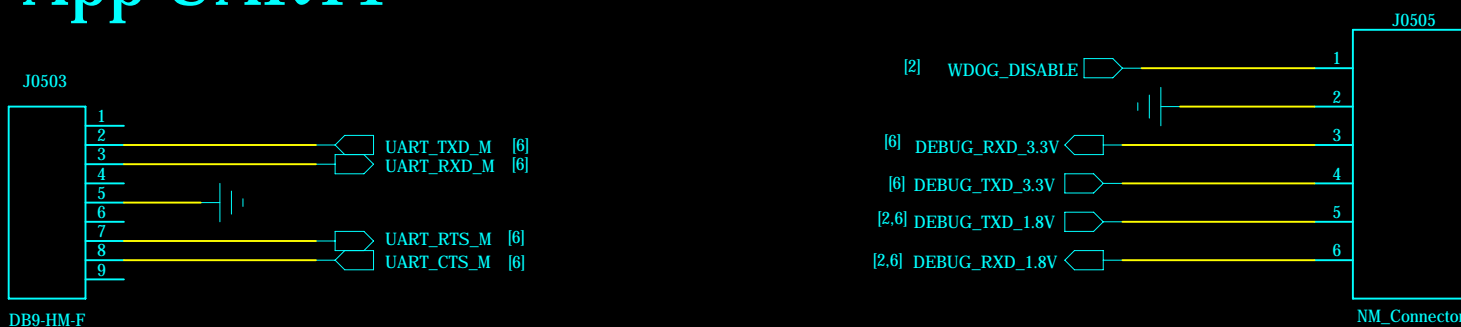
MAIN UART(APP UART)



DEBUG UART



App UART1



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D

C

B

A

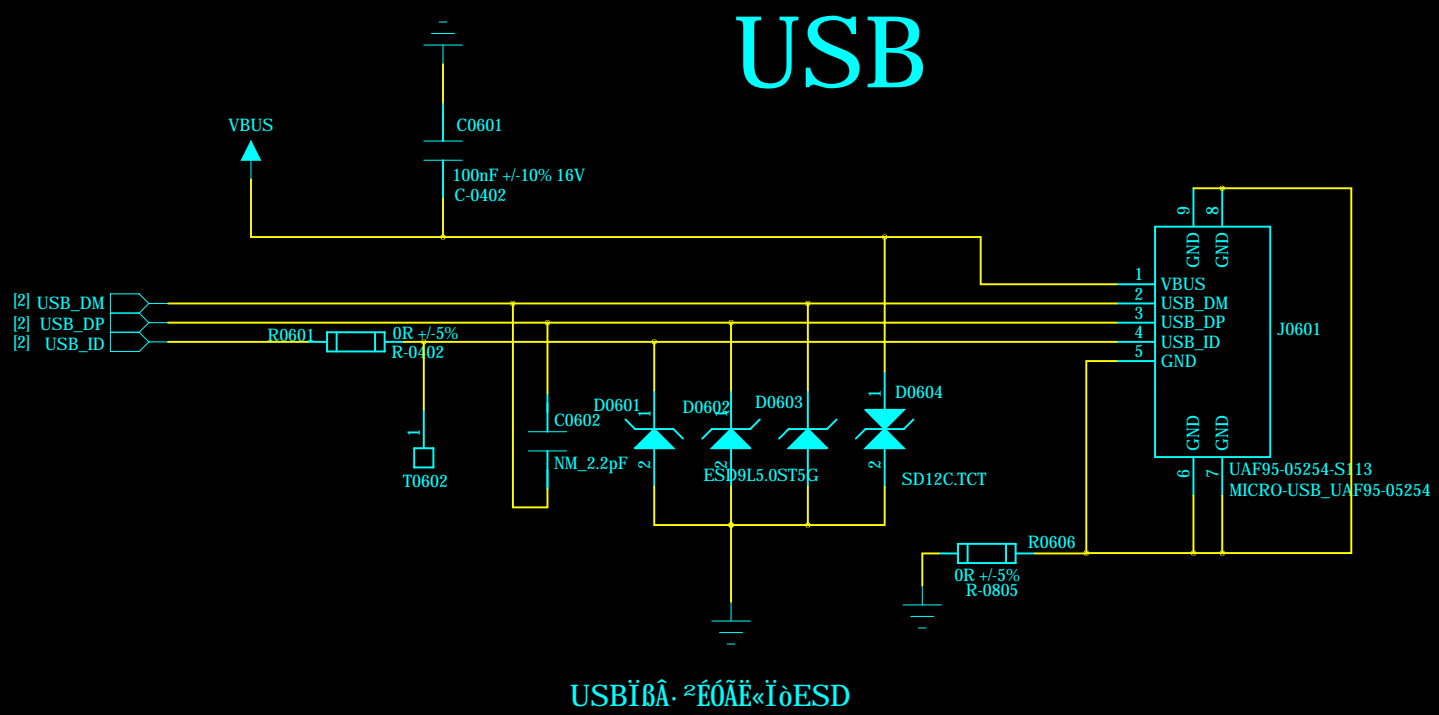
D

C

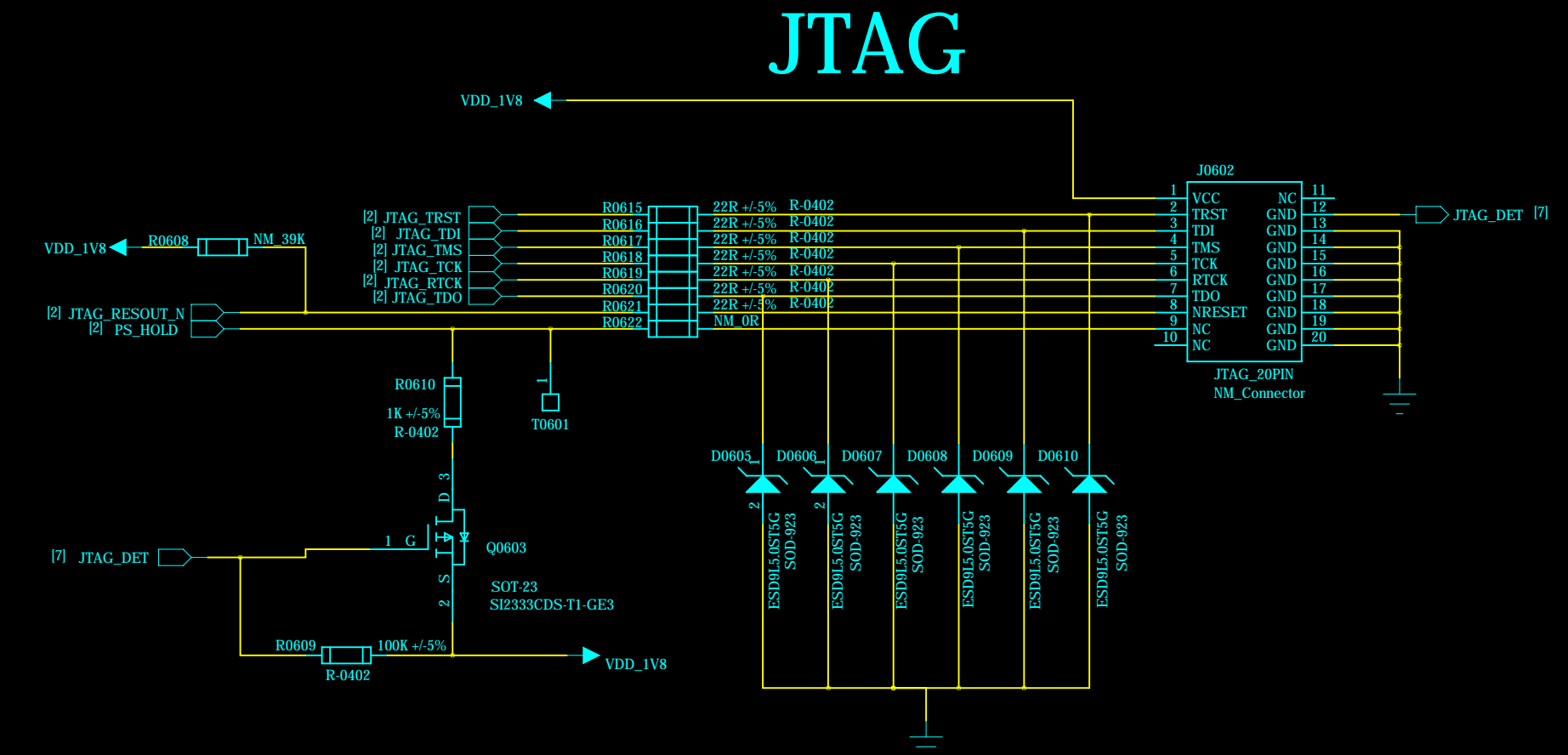
B

A

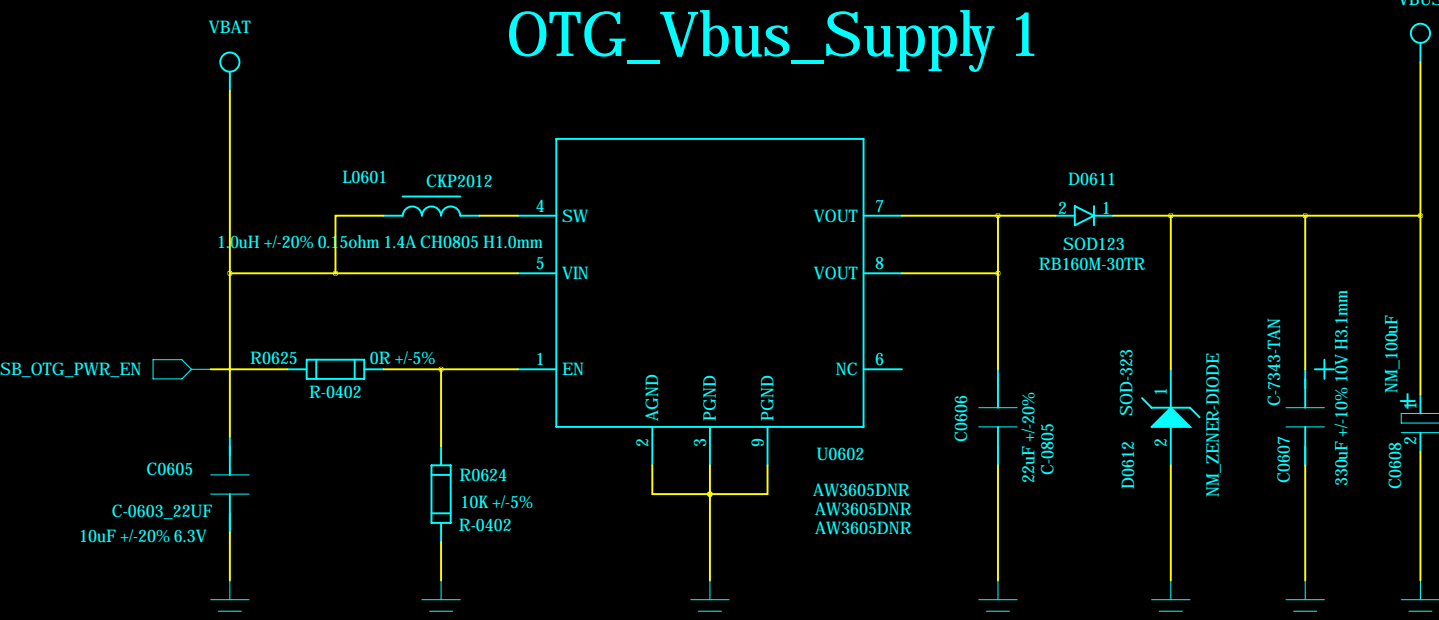
USB



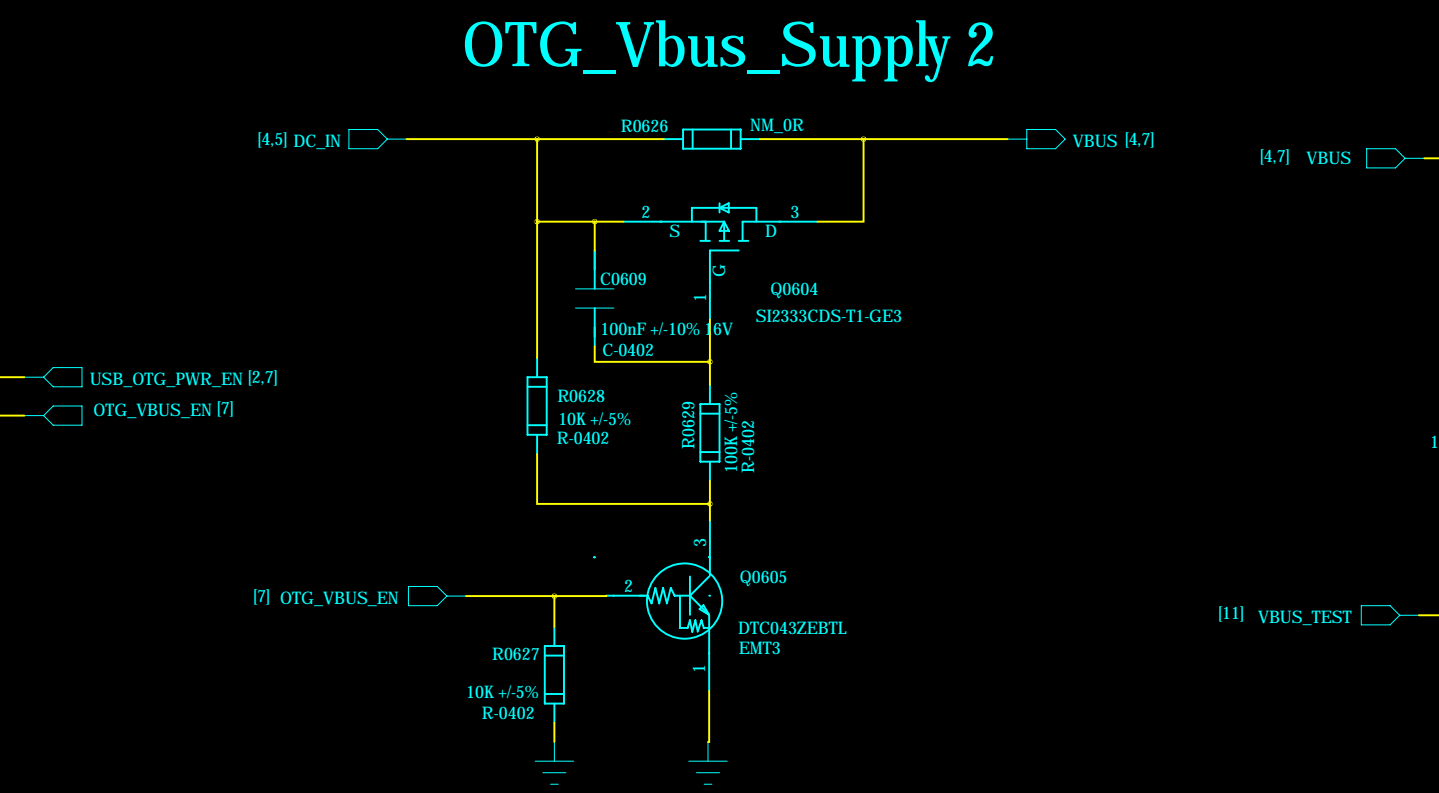
JTAG



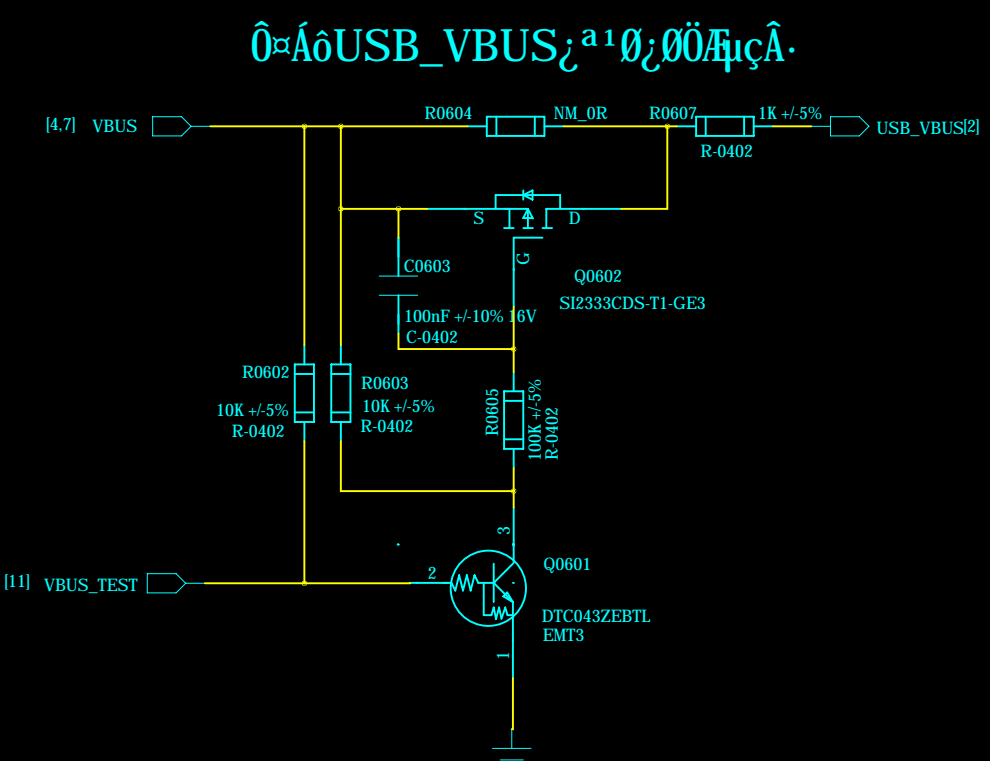
OTG_Vbus_Supply 1



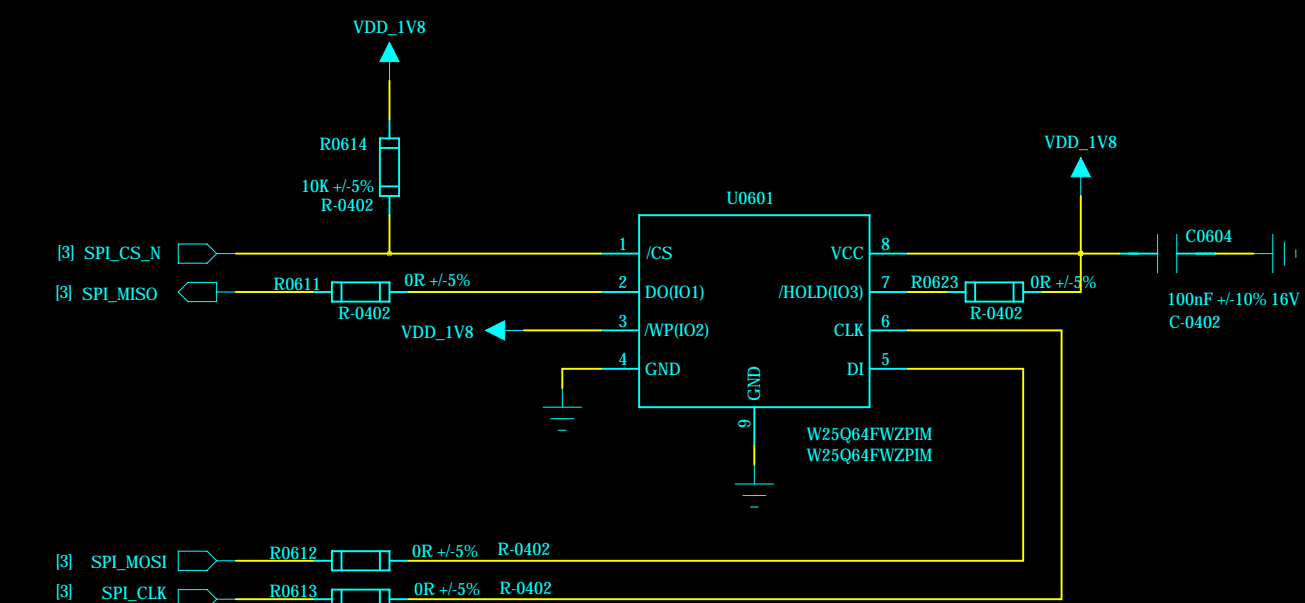
OTG_Vbus_Supply 2



USB_VBUS



SPI FLASH



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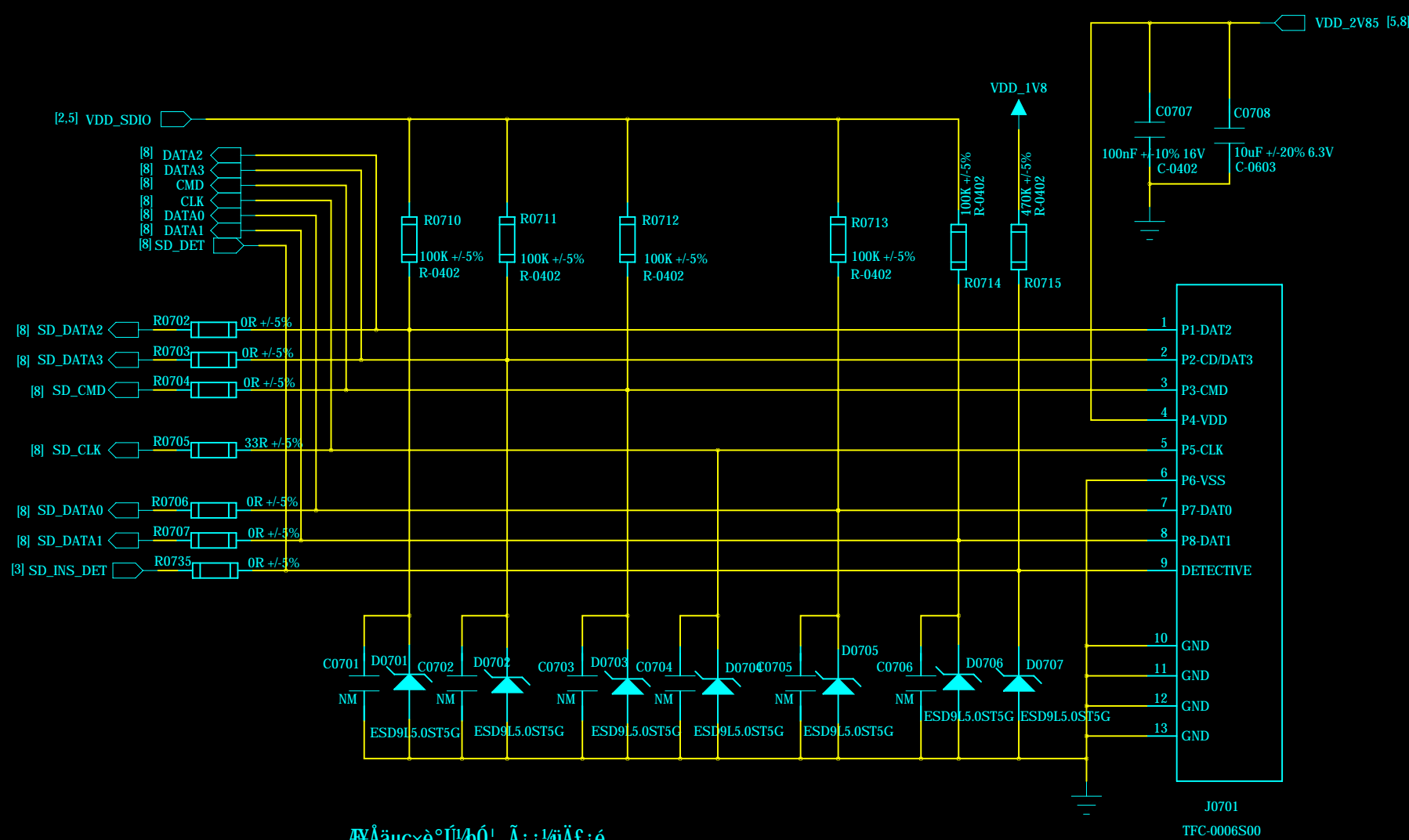
D

C

B

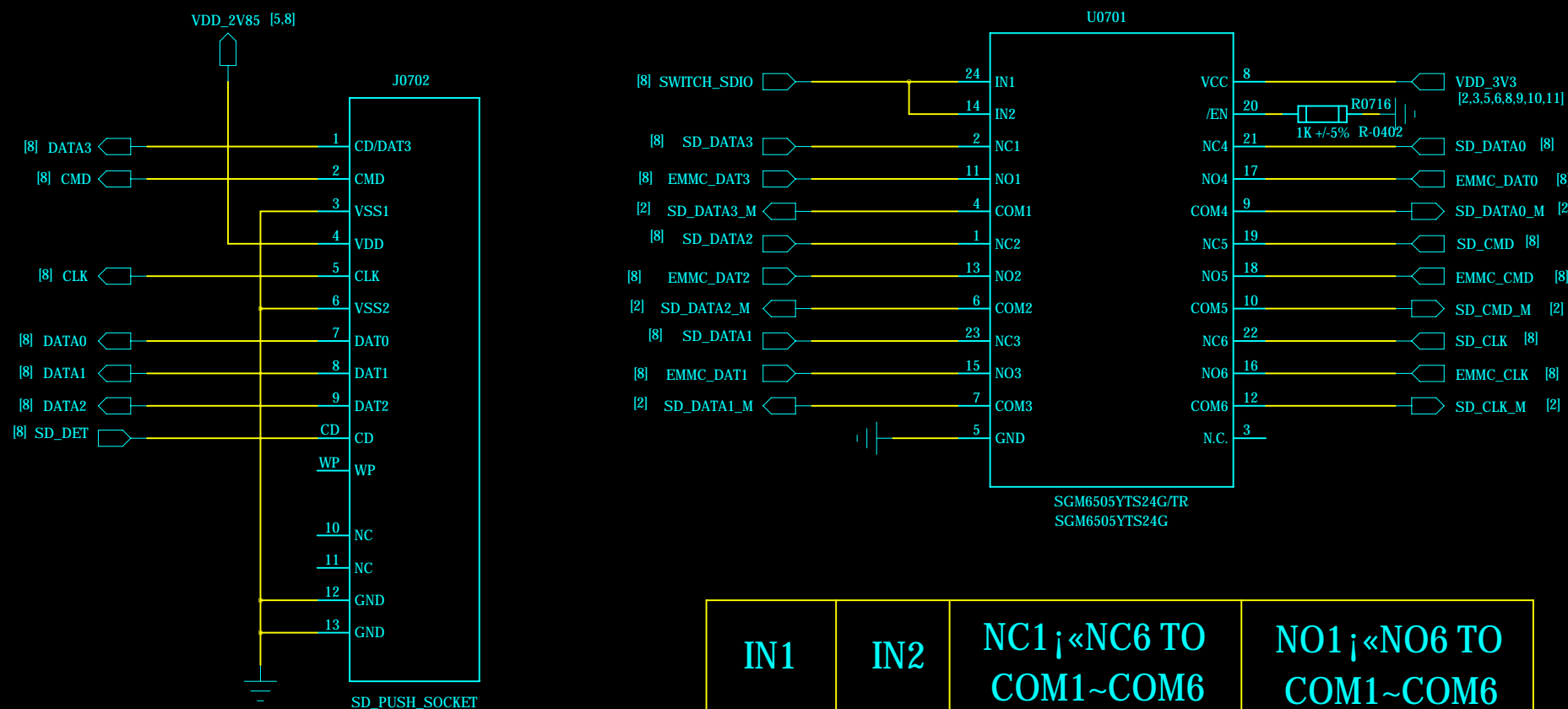
A

TF card



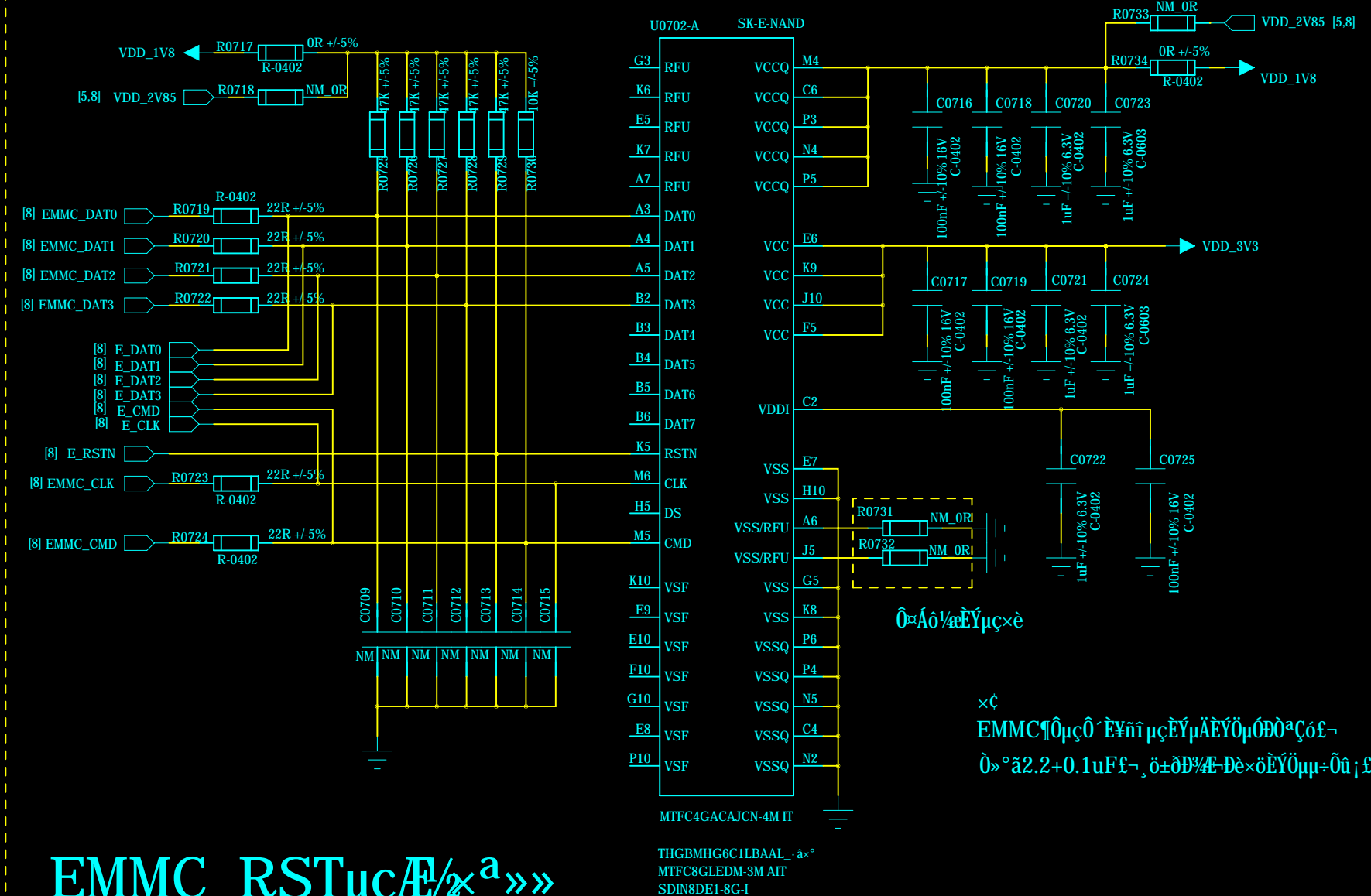
SD, 00µcEYD;0U15pFf-,B1~2I;VFe%4N;0AµAIaE*YoTVS

SD card

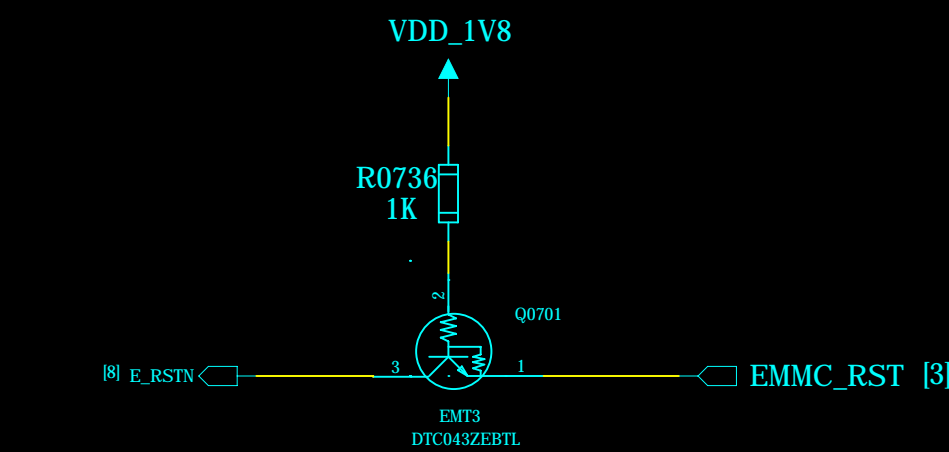


IN1	IN2	NC1 j «NC6 TO COM1~COM6	NO1 j «NO6 TO COM1~COM6
L	L	ON	OFF
H	H	OFF	ON

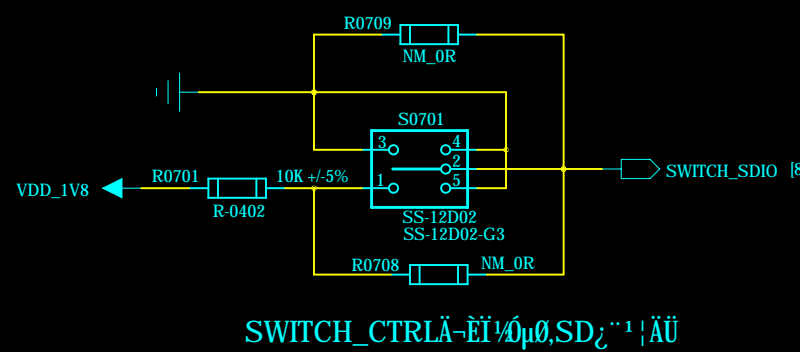
EMMC



EMMC_RSTµçA/x^a»»



SDIOÇD»»µçÂ.



Testpoints

T0701	1	E_RSTN [8]
T0702	1	E_CLK [8]
T0703	1	E_CMD [8]
T0704	1	E_DAT0 [8]
T0705	1	E_DAT1 [8]
T0706	1	E_DAT2 [8]
T0707	1	E_DAT3 [8]

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D

C

B

A

D

C

B

A

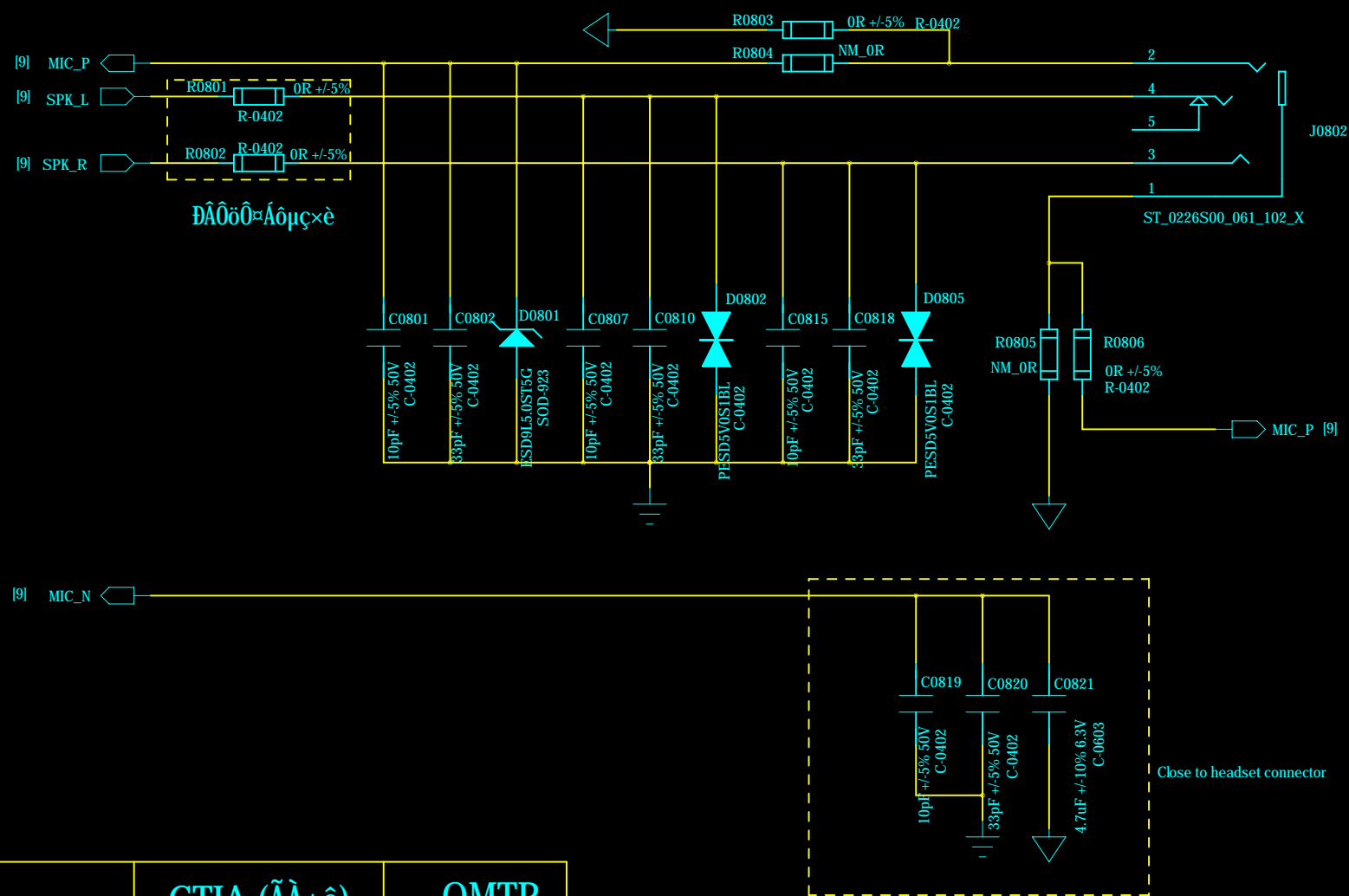
D

C

B

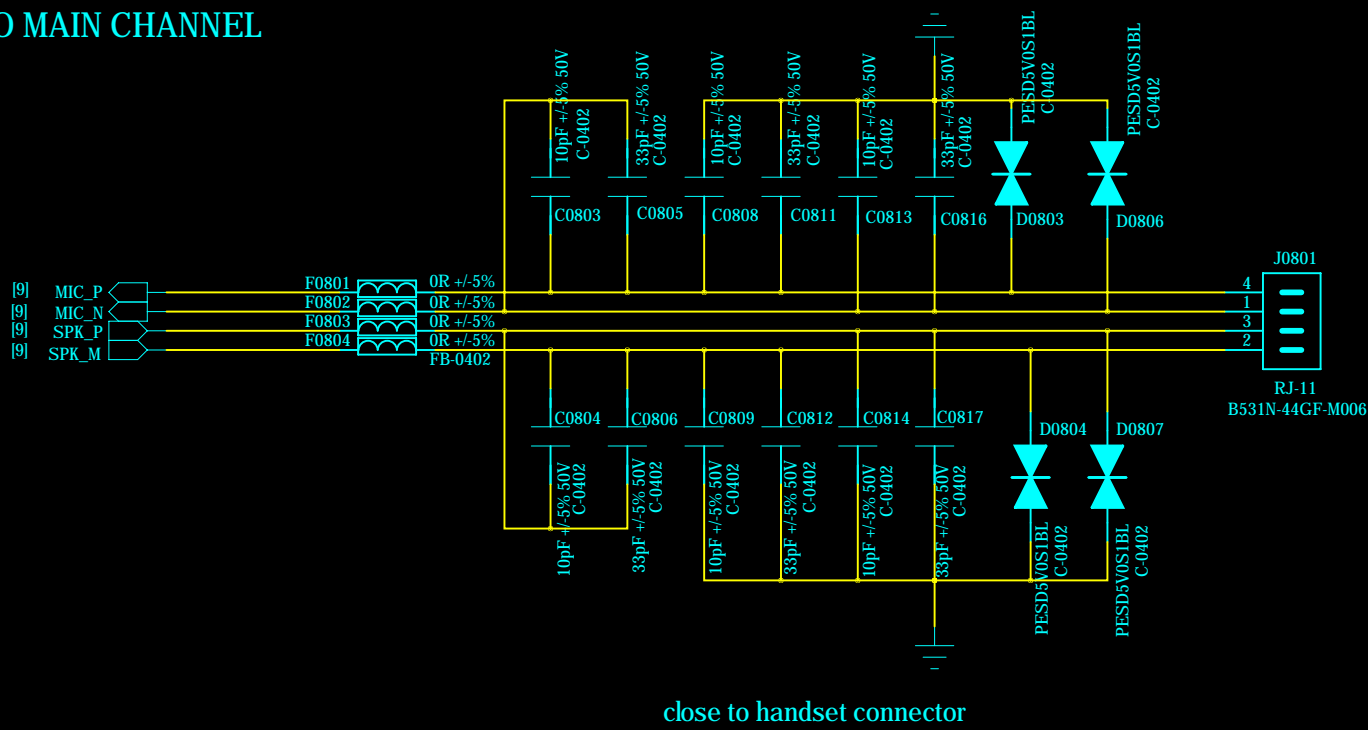
A

Earphone Application



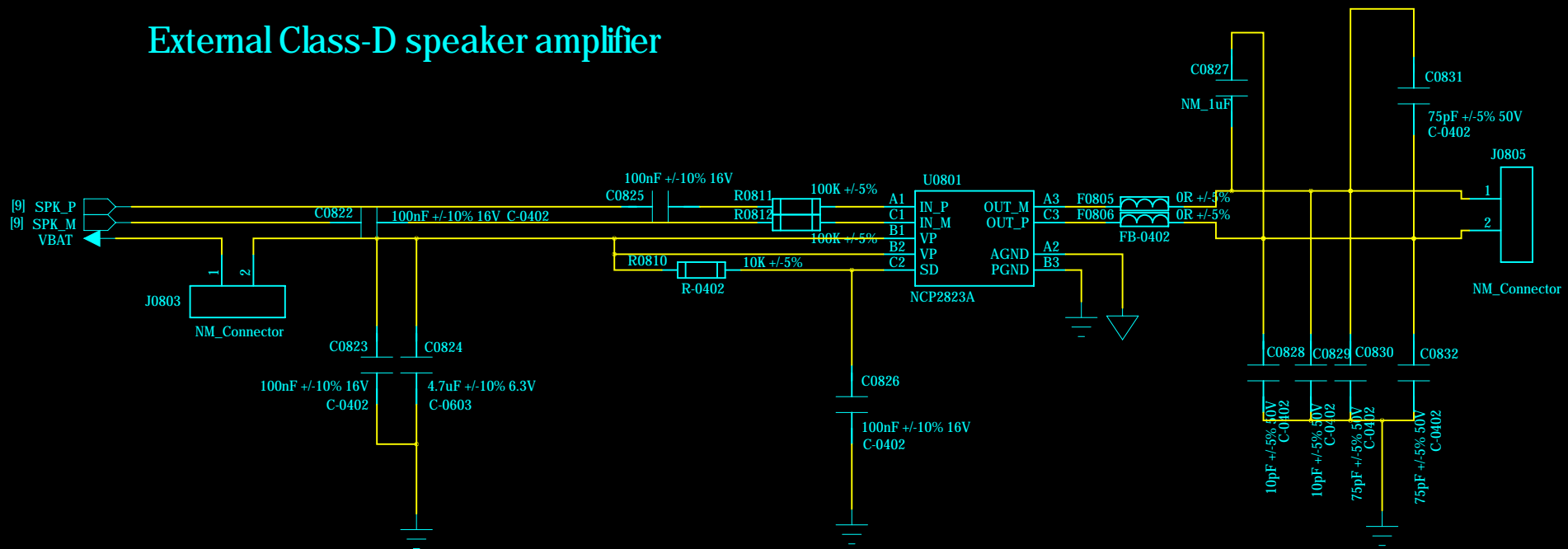
	CTIA (Ã±ê)	OMTP
R601/R606	NM	M
R602/R605	M	NM

AUDIO MAIN CHANNEL

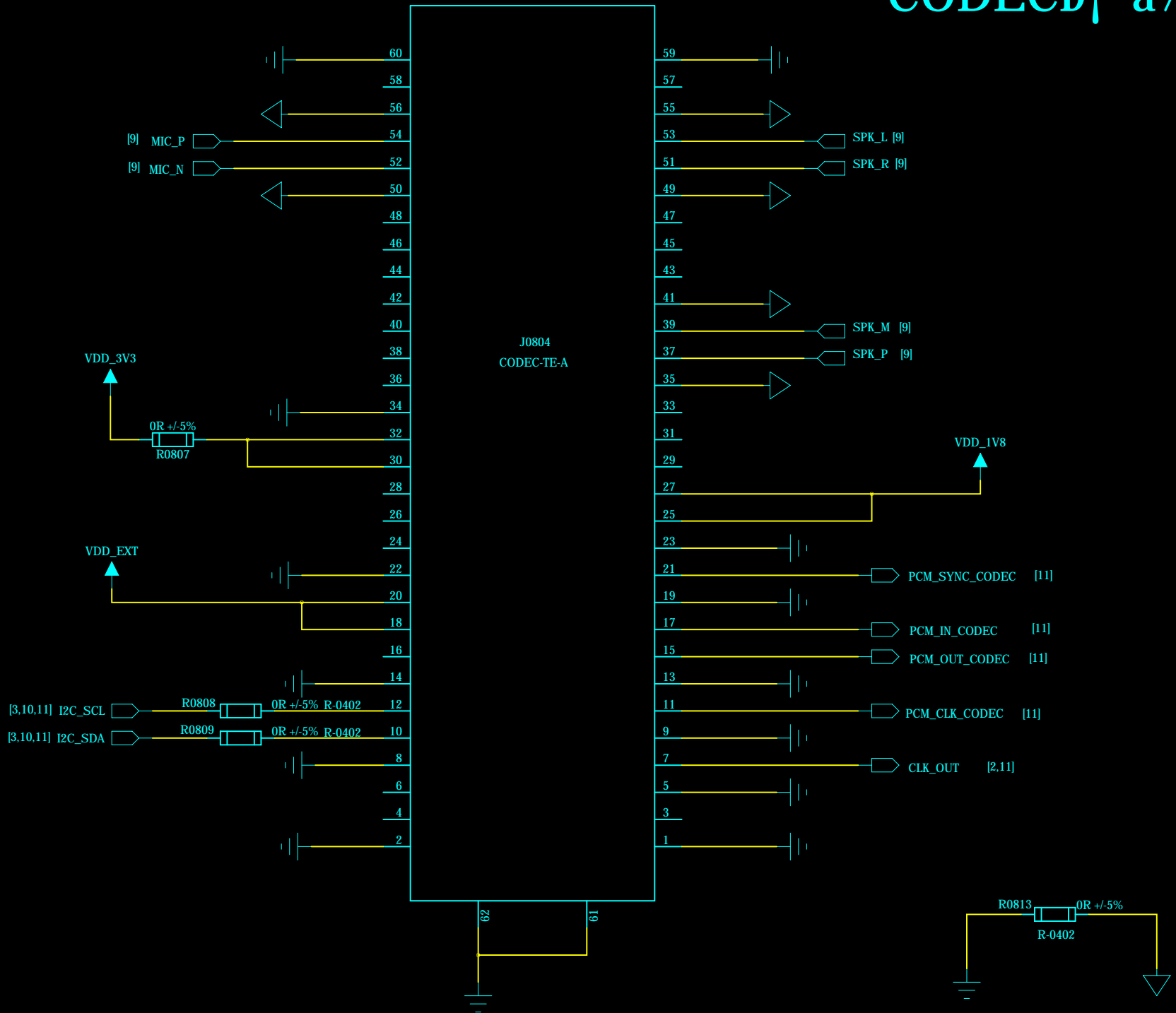


close to handset connector

External Class-D speaker amplifier



CODEC



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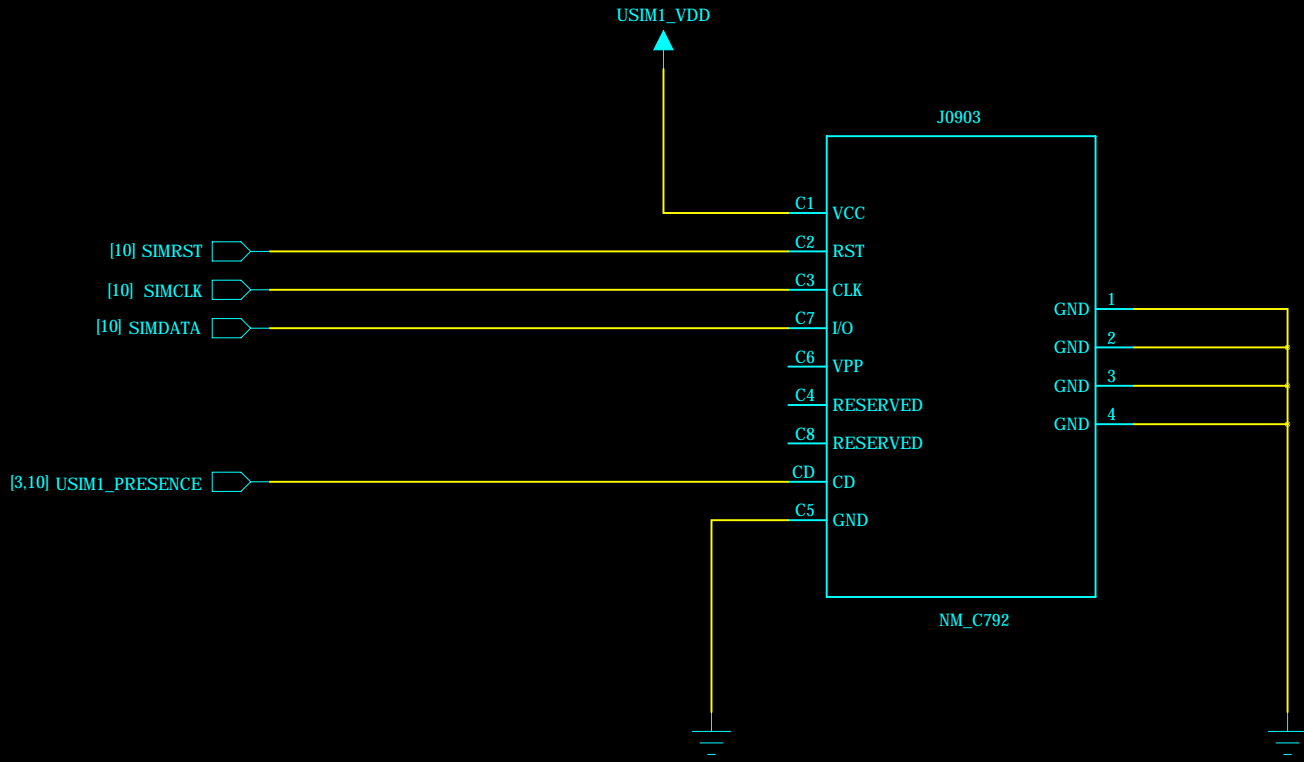
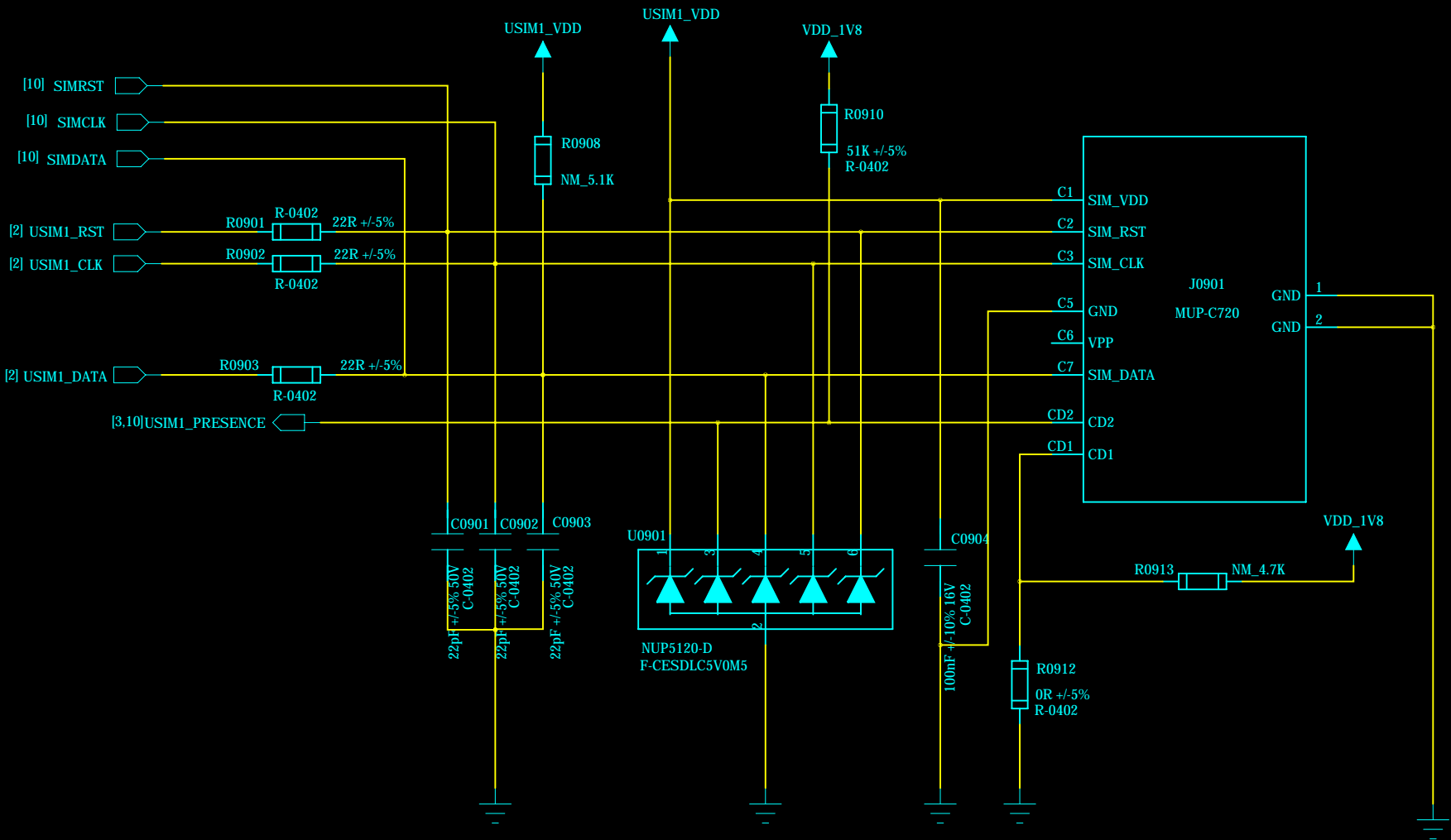
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CHECKED BY Woody.Wu	SIZE A2	VER V1.1
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D

D

Main SIM

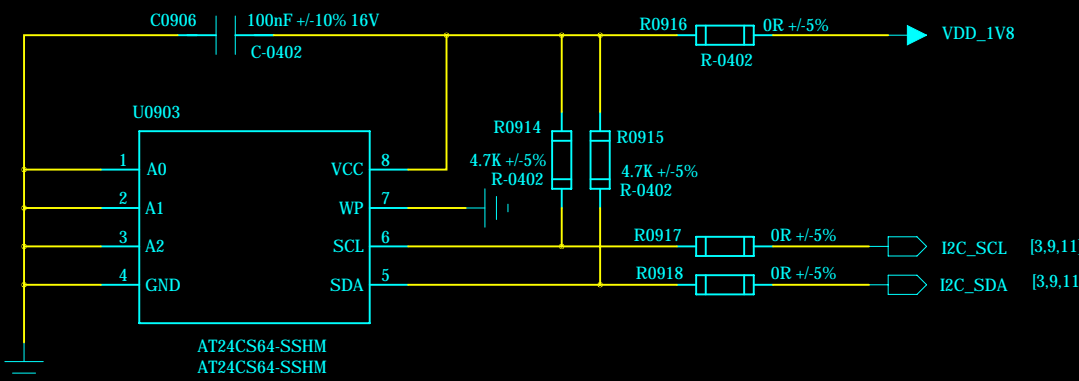
Micro SIM



C

C

E2PROM

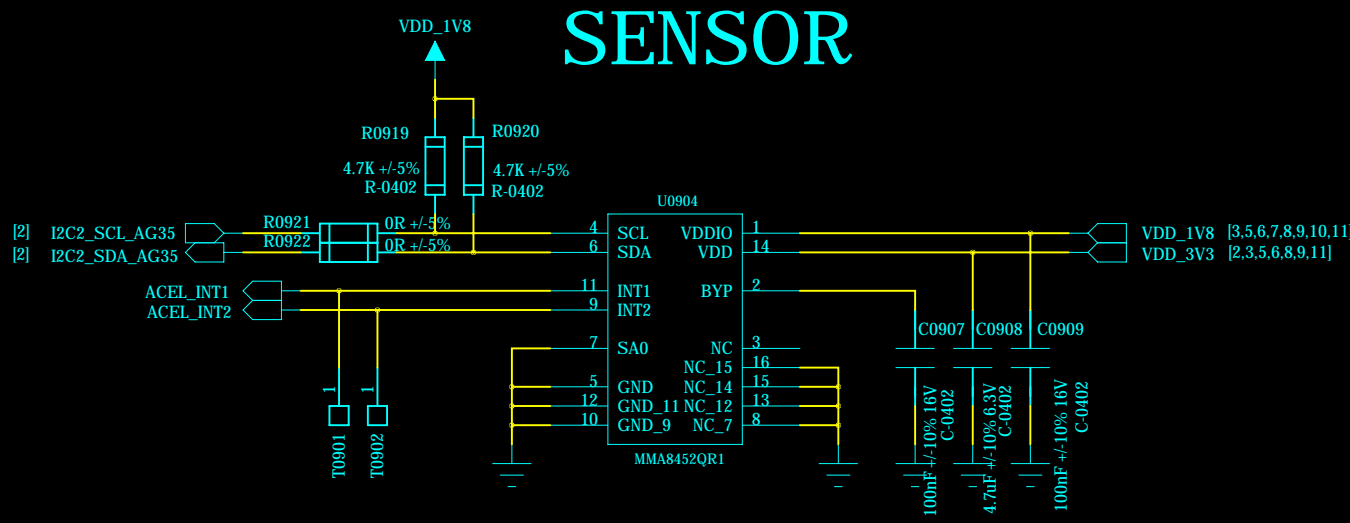
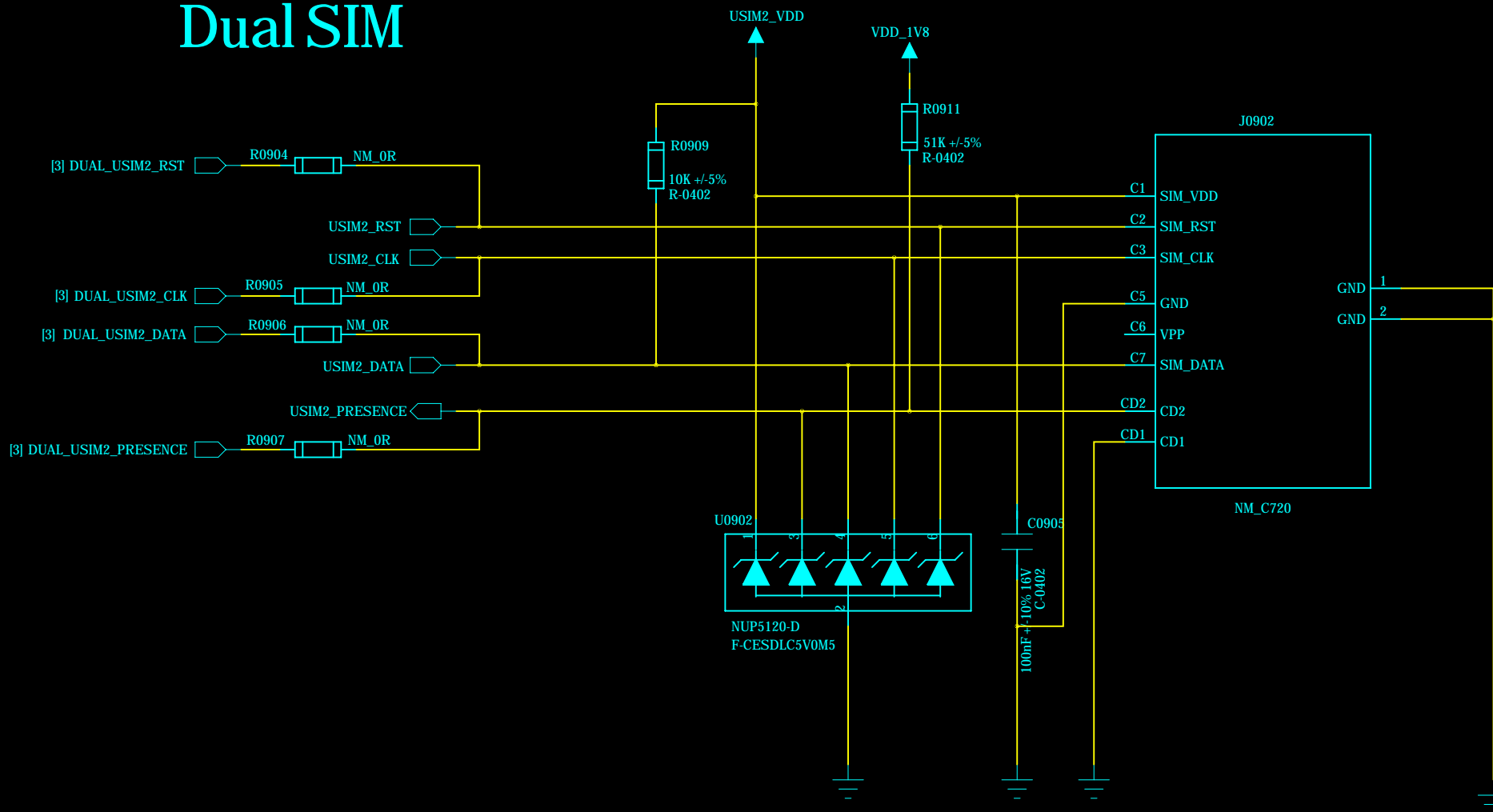


B

B

Dual SIM

SENSOR



A

A

Ä-ËÏ²âÊÔSGMII¹|ÄÜ£-¶ÔÖ|Ïäö|TE-A£»µ±²âÊÔUSIM2Ê±£-SGMII-TE-A²»Ïü£-Ê¹ÓÃ,Ã0Rµç×è

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CHECKED BY Woody.Wu	SIZE A2	VER V1.1
SHEET	10 OF 11	DATE 2017/6/16

D

C

B

A

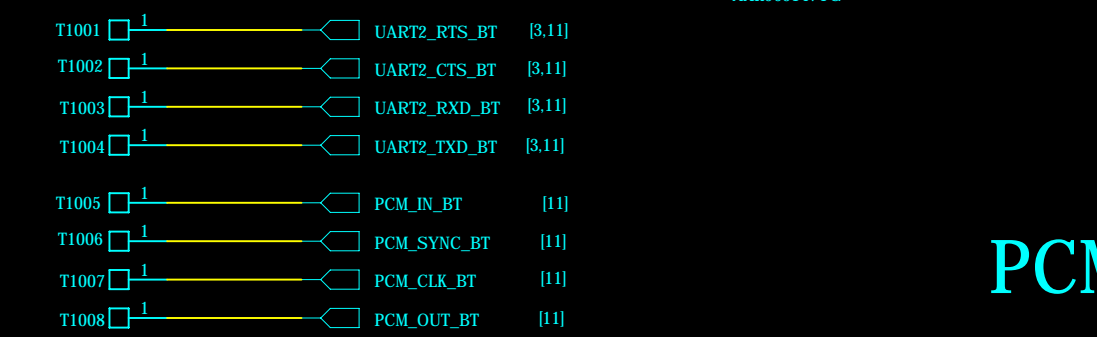
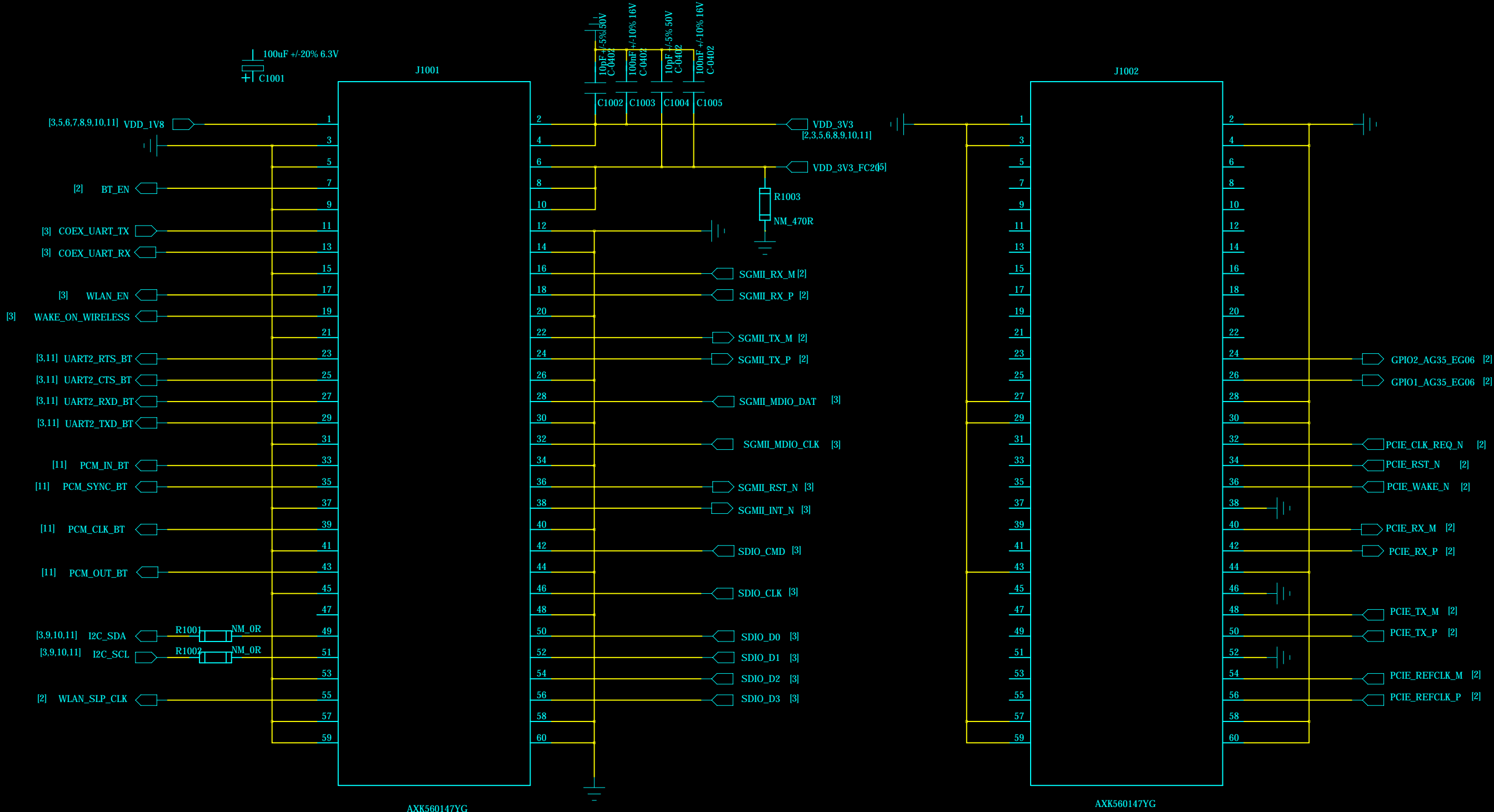
D

C

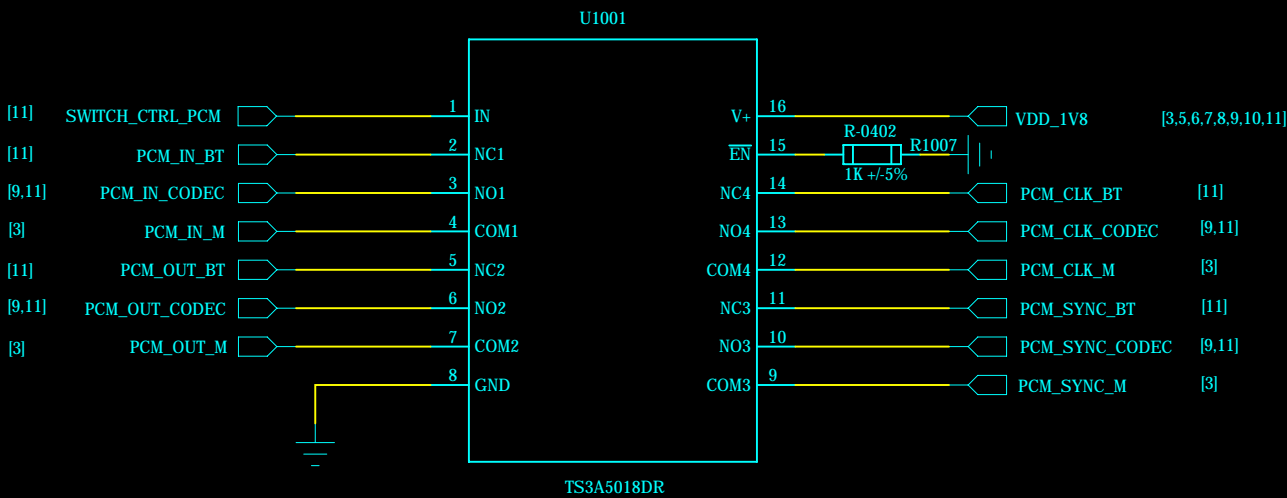
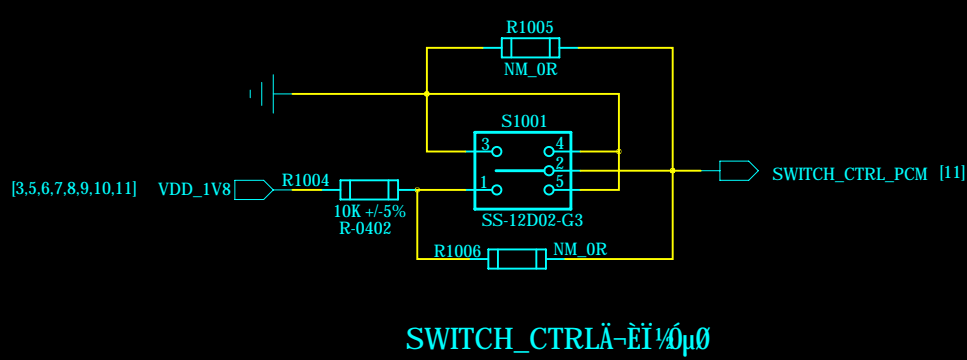
B

A

WLAN MODULE+ETHERNETÁ-10Æ

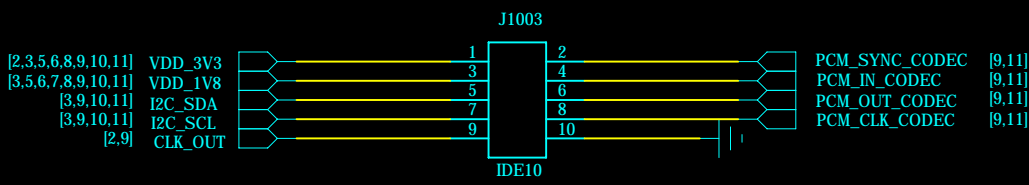


PCM10¿ ÚÇÐ»»

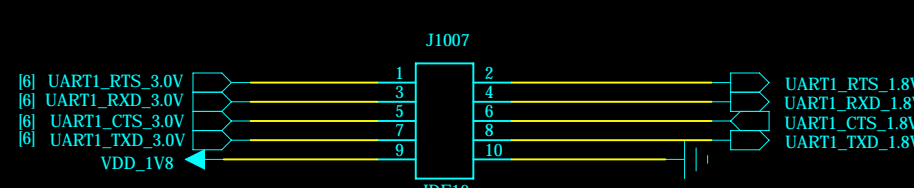
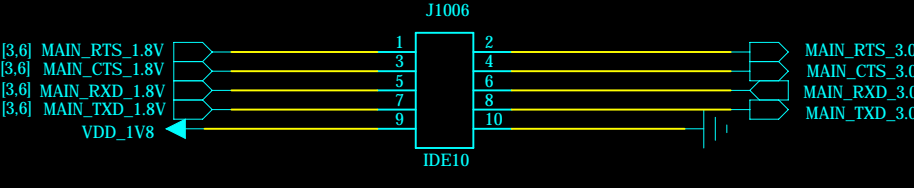
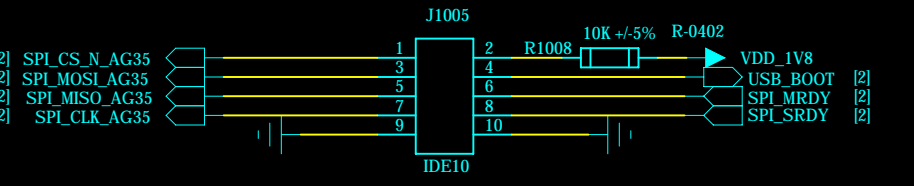
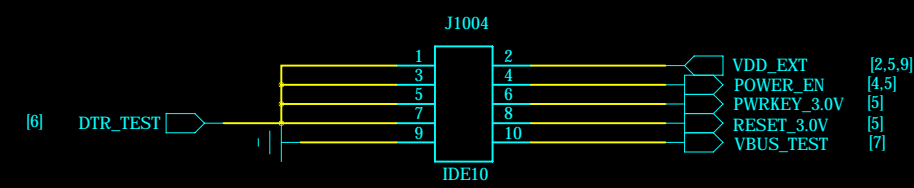


ÊµÃ-£°
¿¹¹0D%Æ-ENÎ²µİÊ¹ÄÜ
INÎ², BE-¶00¶NOİ²µÆ-Ã-ÊİÖ-Ä¹EVBµÄ²aÊÖ¹, ÄÜ

MAX9860Ê¹ÖÃ



Testpoints



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