

Nokia Customer Care

Service Manual

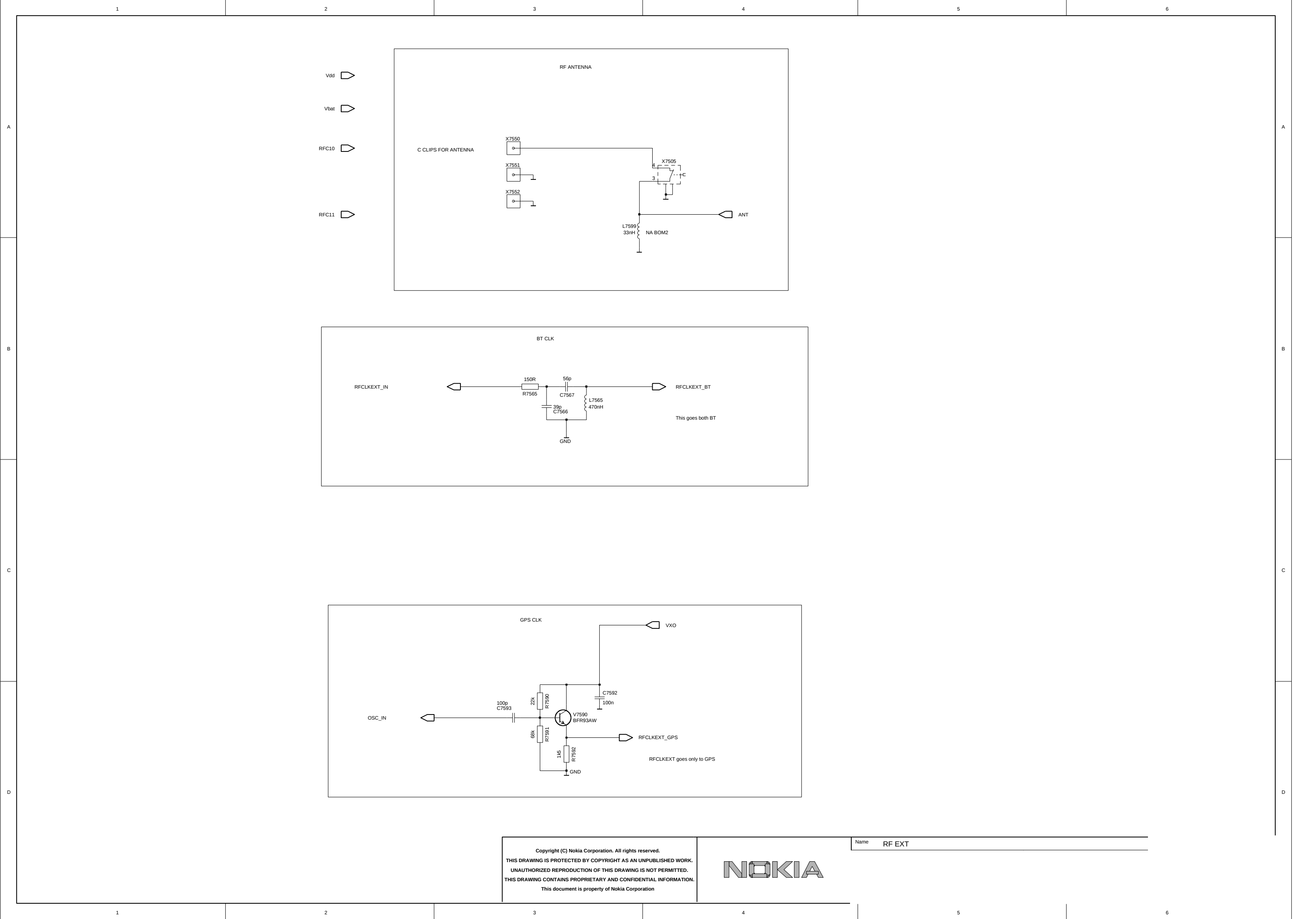
RM-367 (Nokia 6210 Navigator)

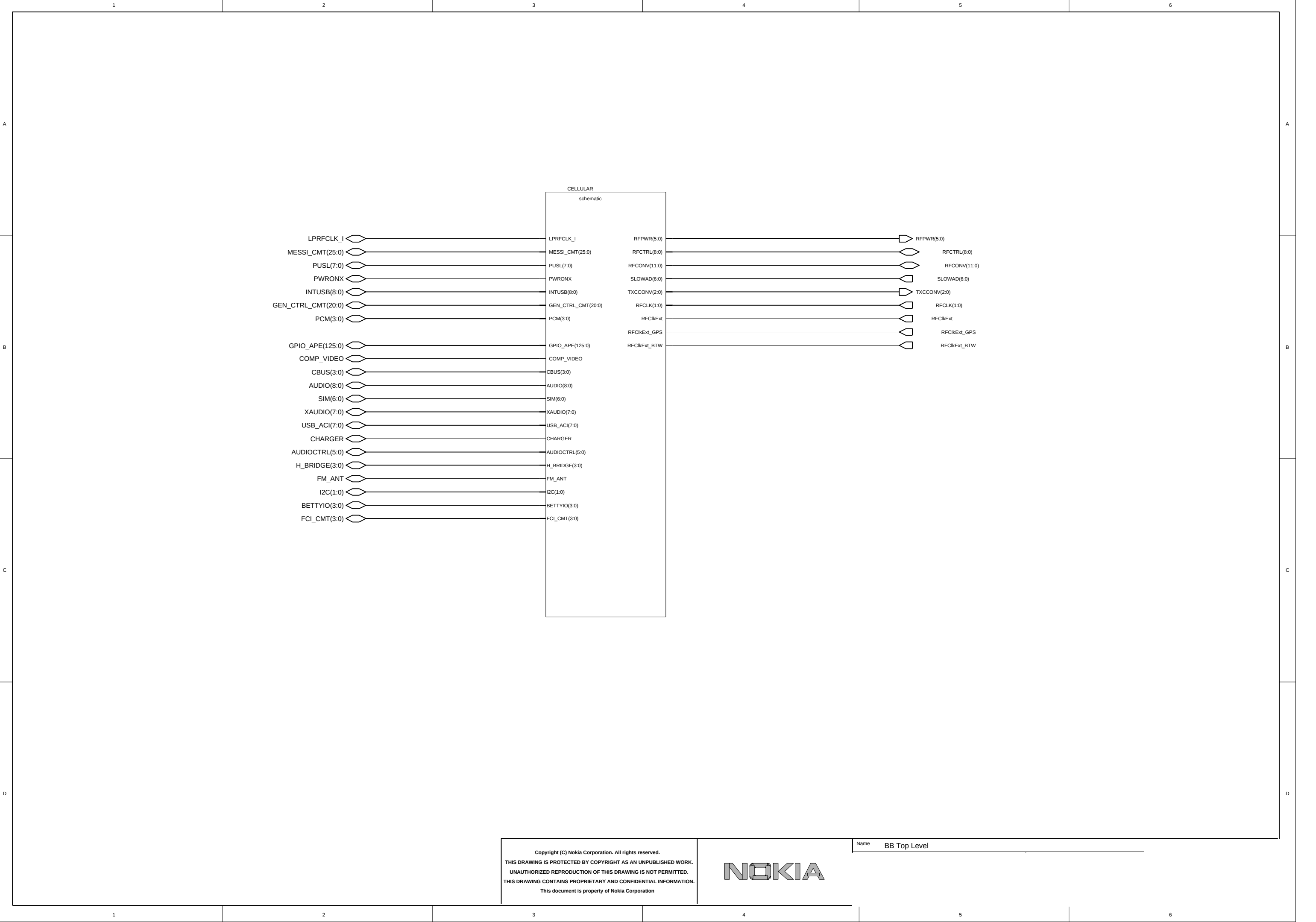
Schematics

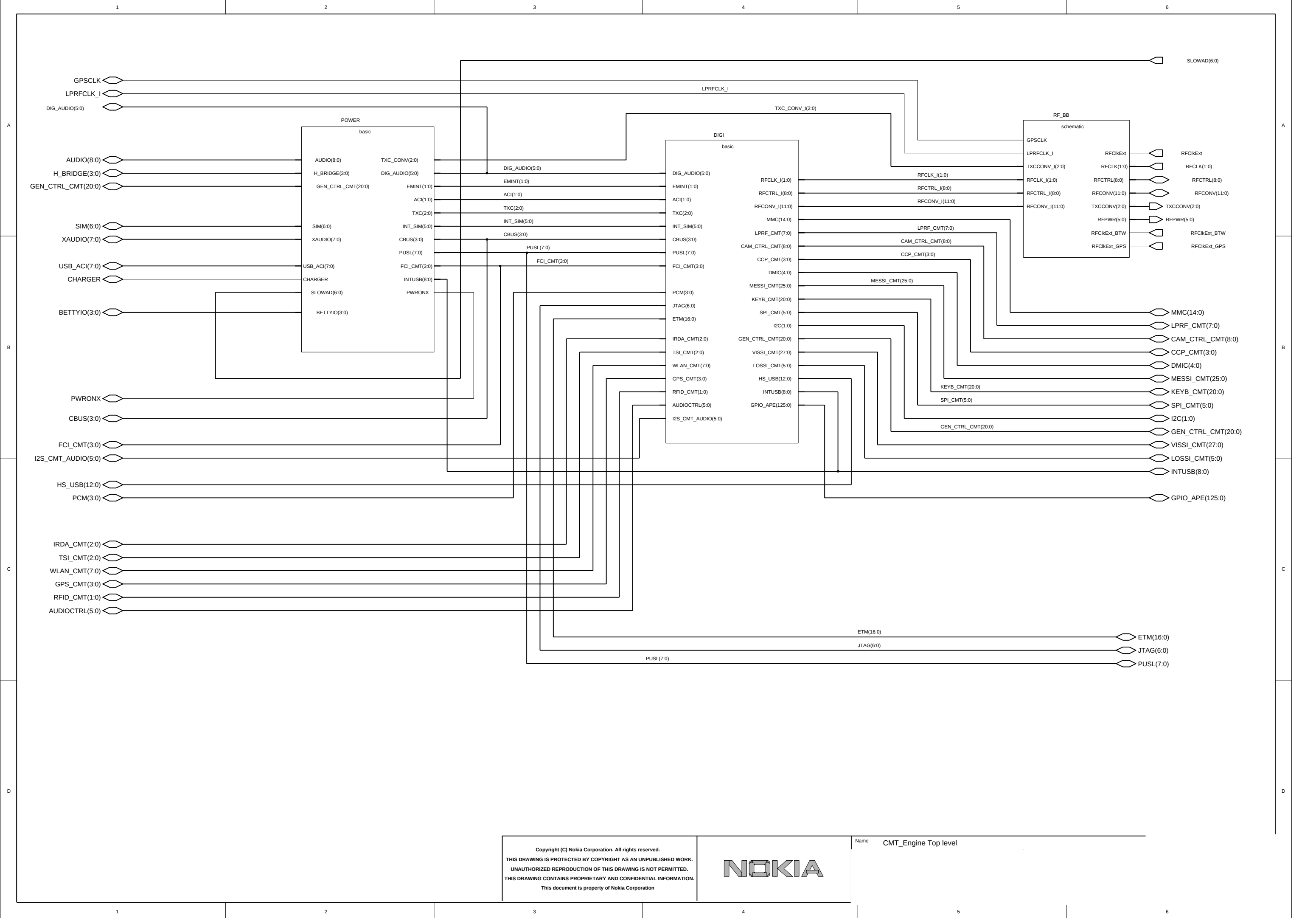
Part No: (Issue 1)

COMPANY CONFIDENTIAL









A

B

C

D

1

2

3

4

5

6

A

B

C

D

CBB5X

TOP SHEET

RFCLK_I(1:0)

RFCLK(1:0)

LPRFCLK_I

RFClkExt_BTW

GPSCLK

RFClkExt_GPS

RFClkExt

RFCONV_I(11:0)

RFCONV(11:0)

RFCTRL_I(8:0)

RFCTRL(8:0)

TXCCONV_I(2:0)

TXCCONV(2:0)

VRCP2 not needed.

VBAT

VRCP1

VRCP2

VR1

VREF

0

1

2

3

4

RFPWR(5:0)

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Name RF IF

A

1

B

1

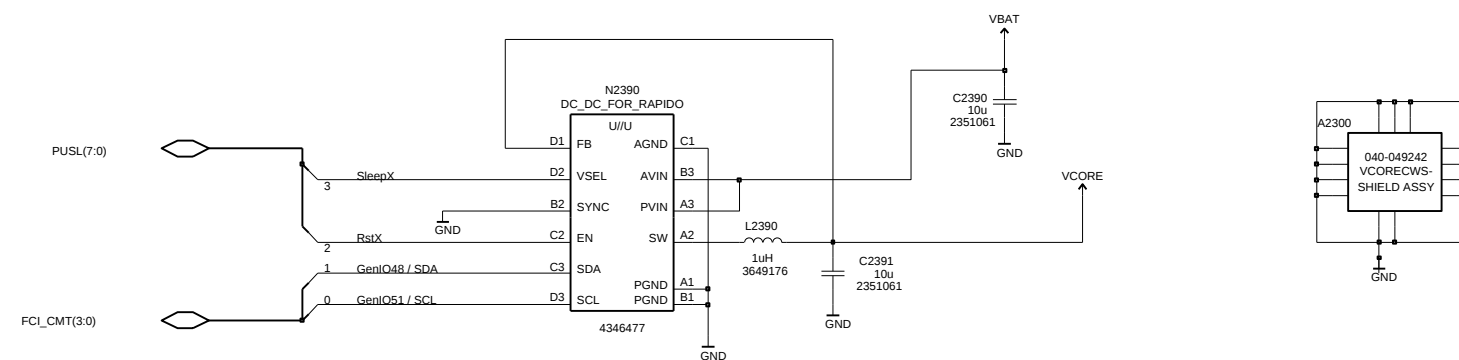
C

1

D

1

NOTE! SDA and SCL lines should include 10-47kOhm pull up resistors. Resistors value is dependent on number of I2C slaves



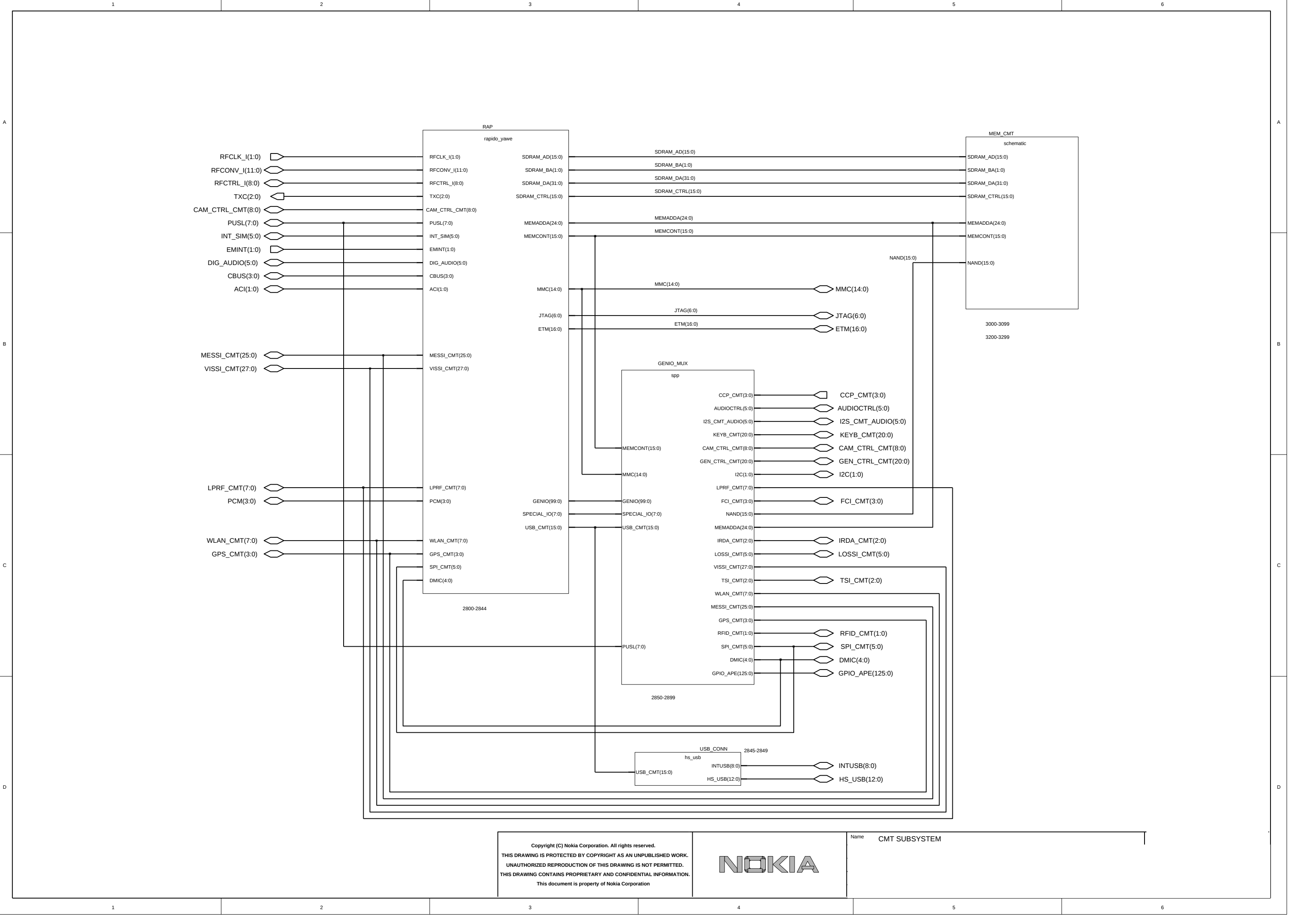
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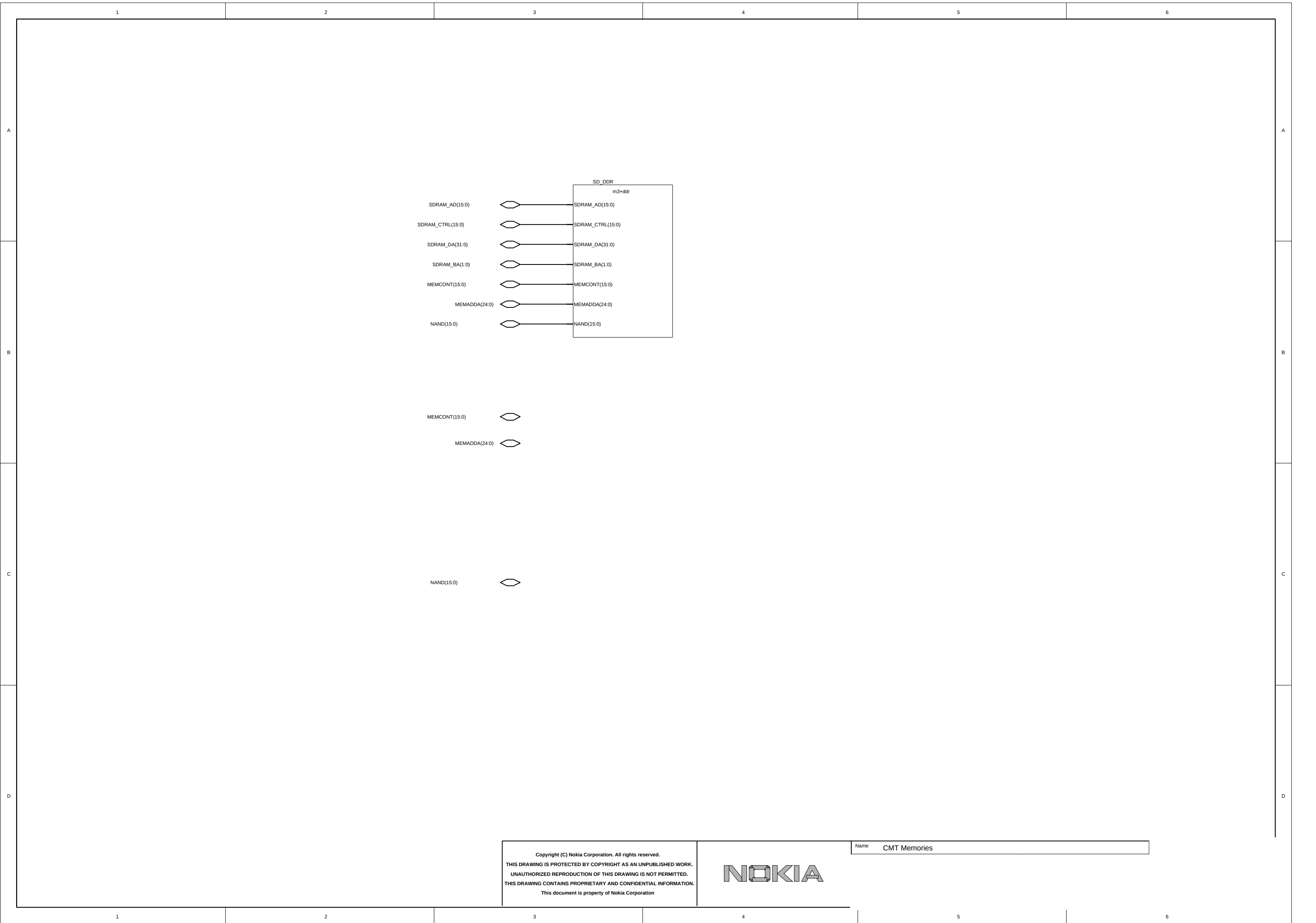
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Name	RAPIDO VCORE SMPS with multilayer coil
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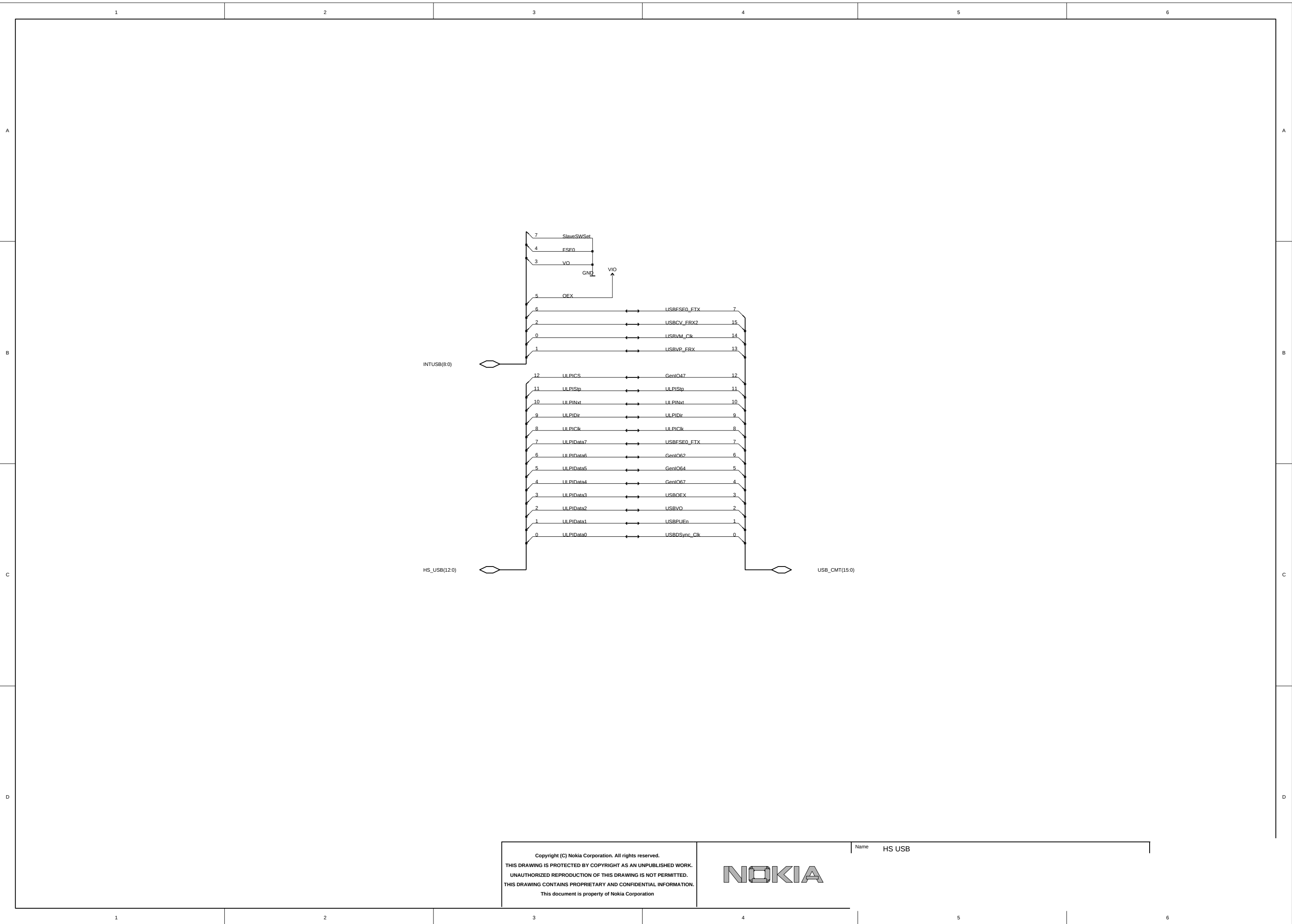


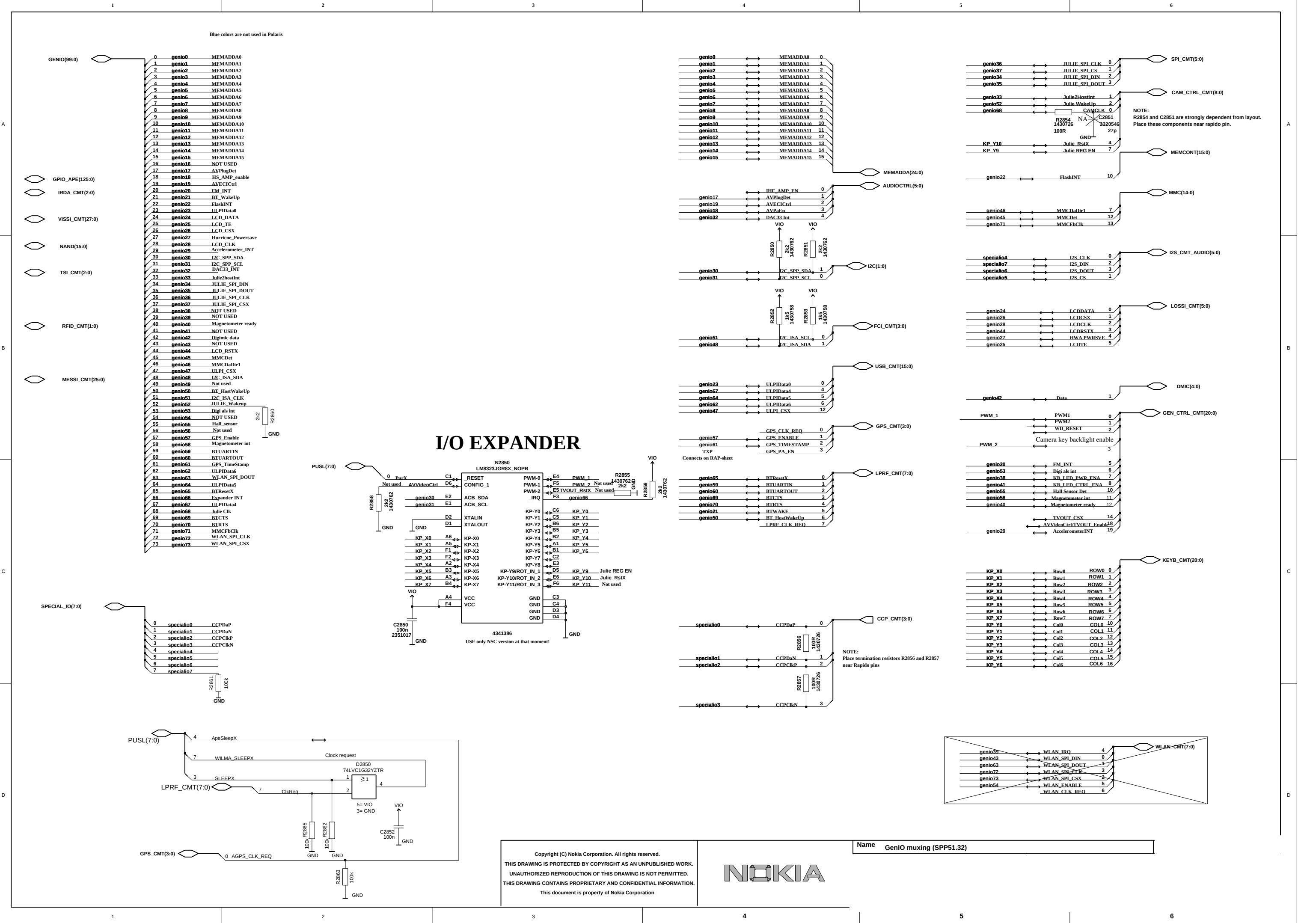


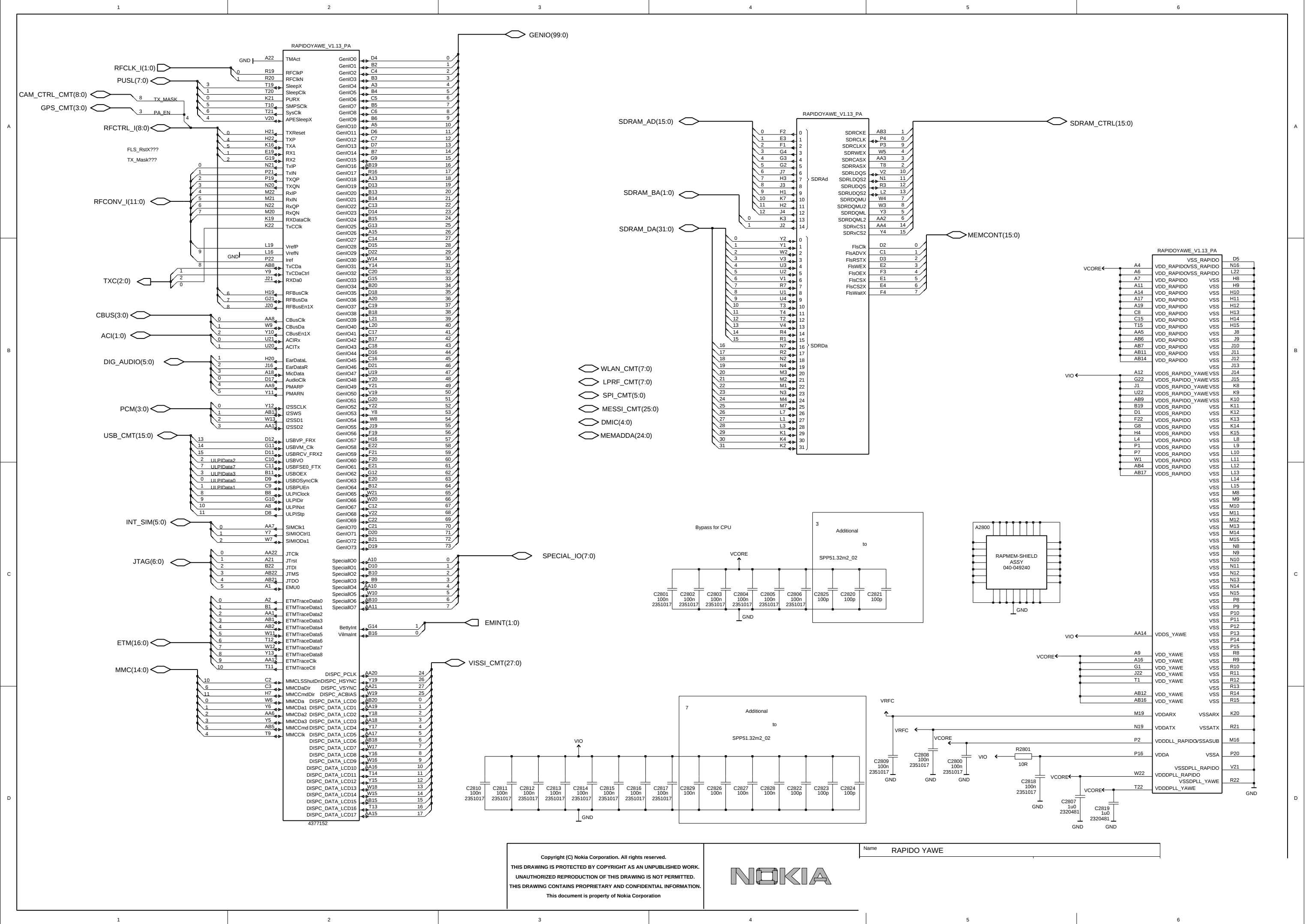
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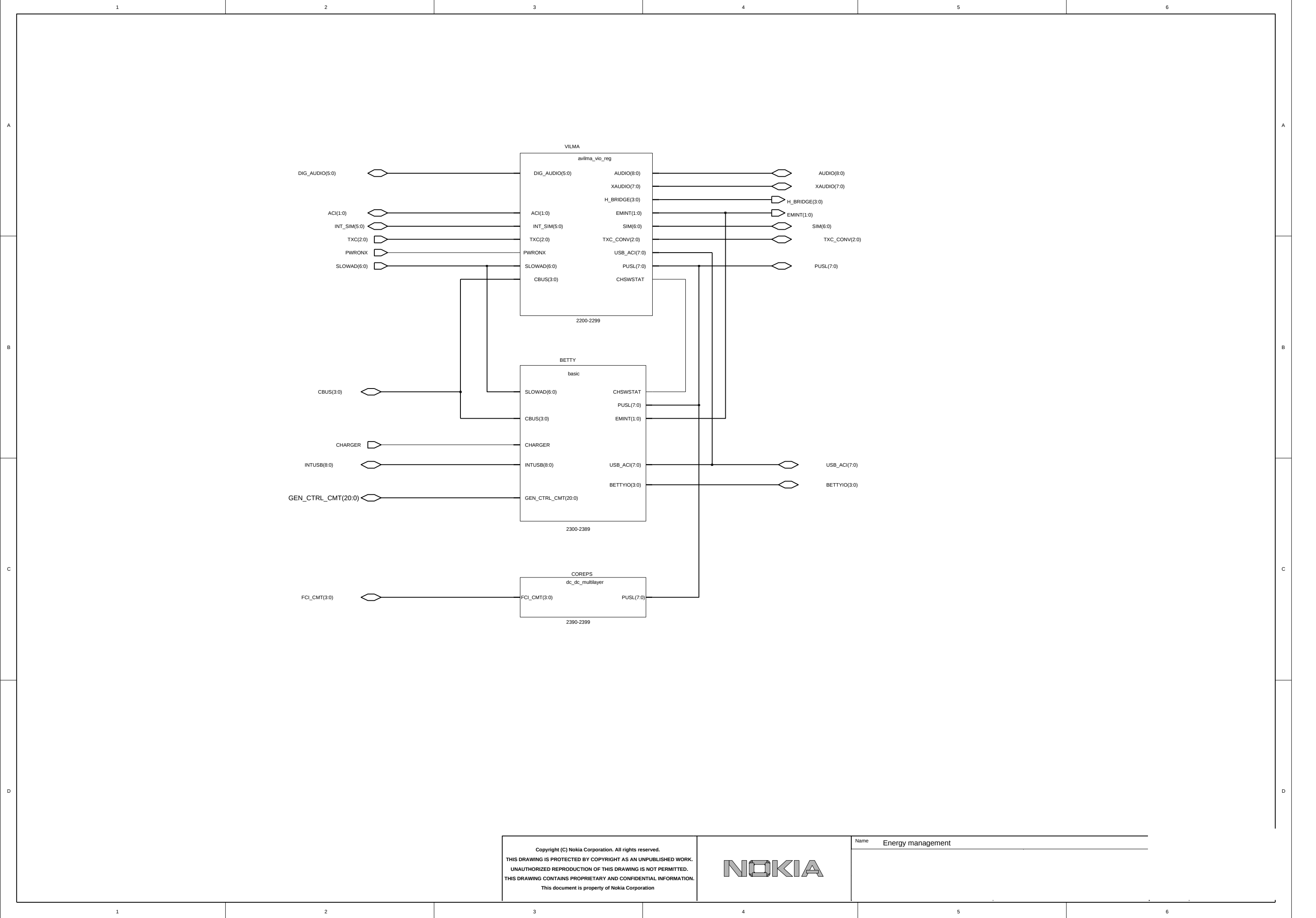


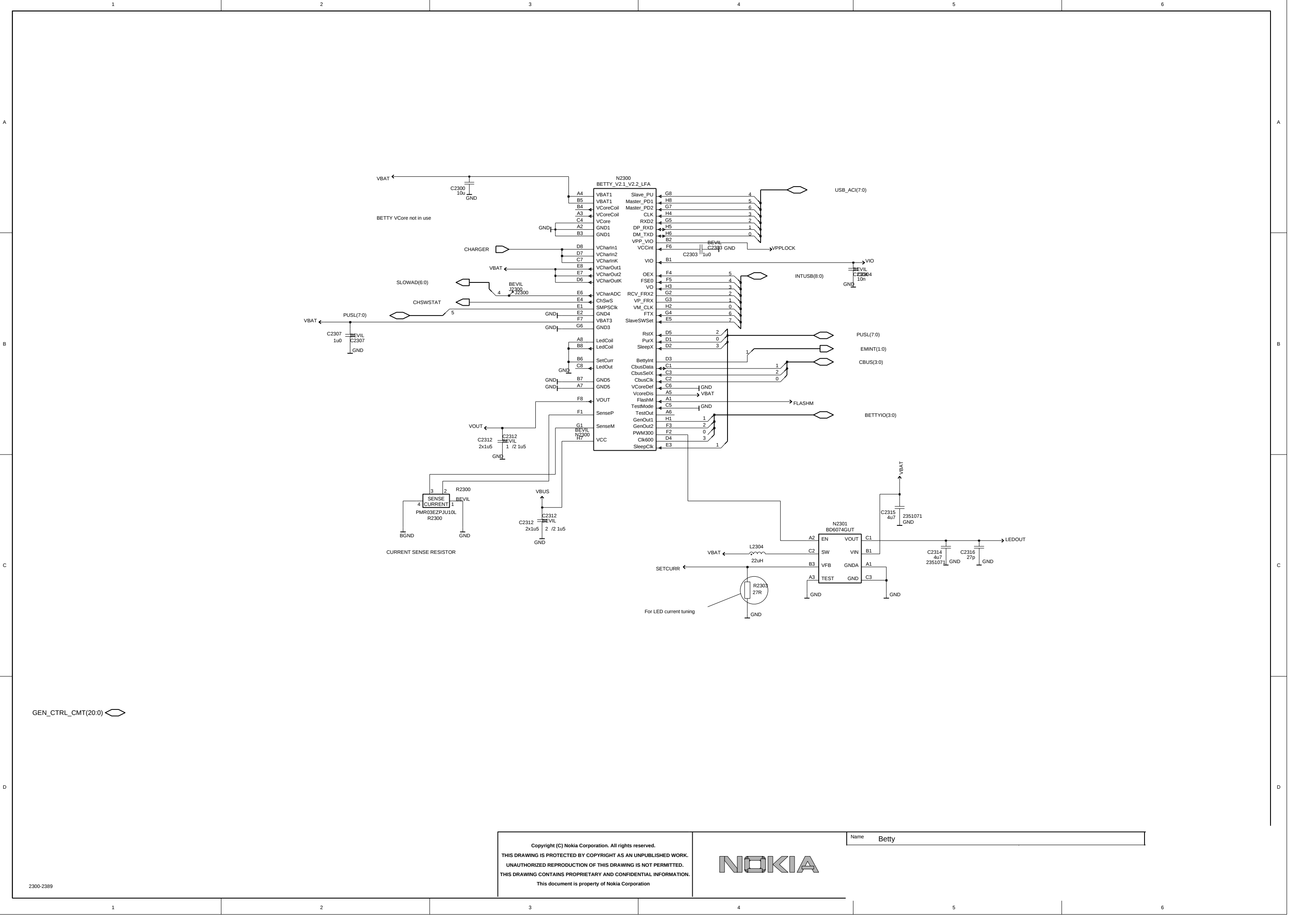
Name CMT Memories





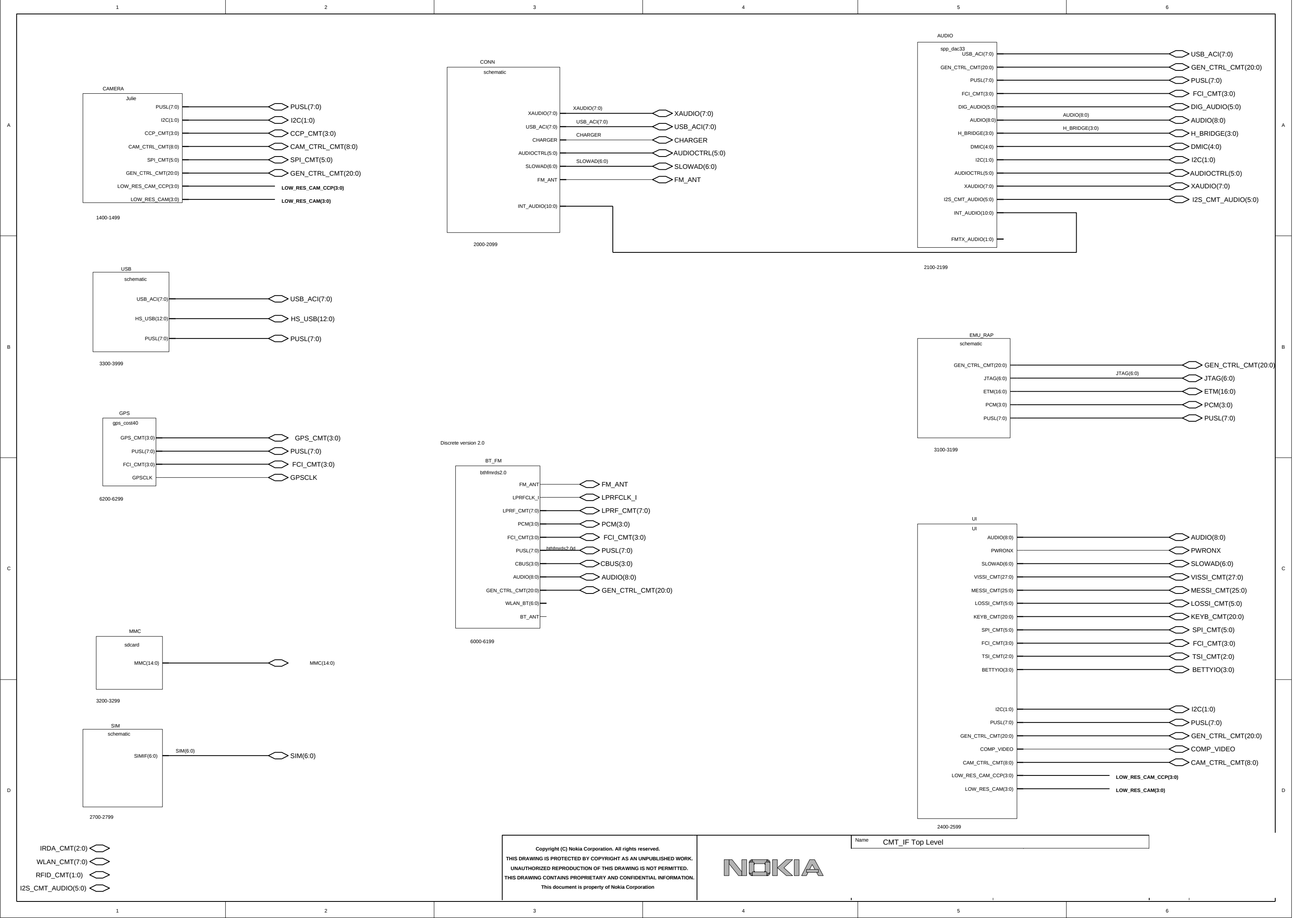


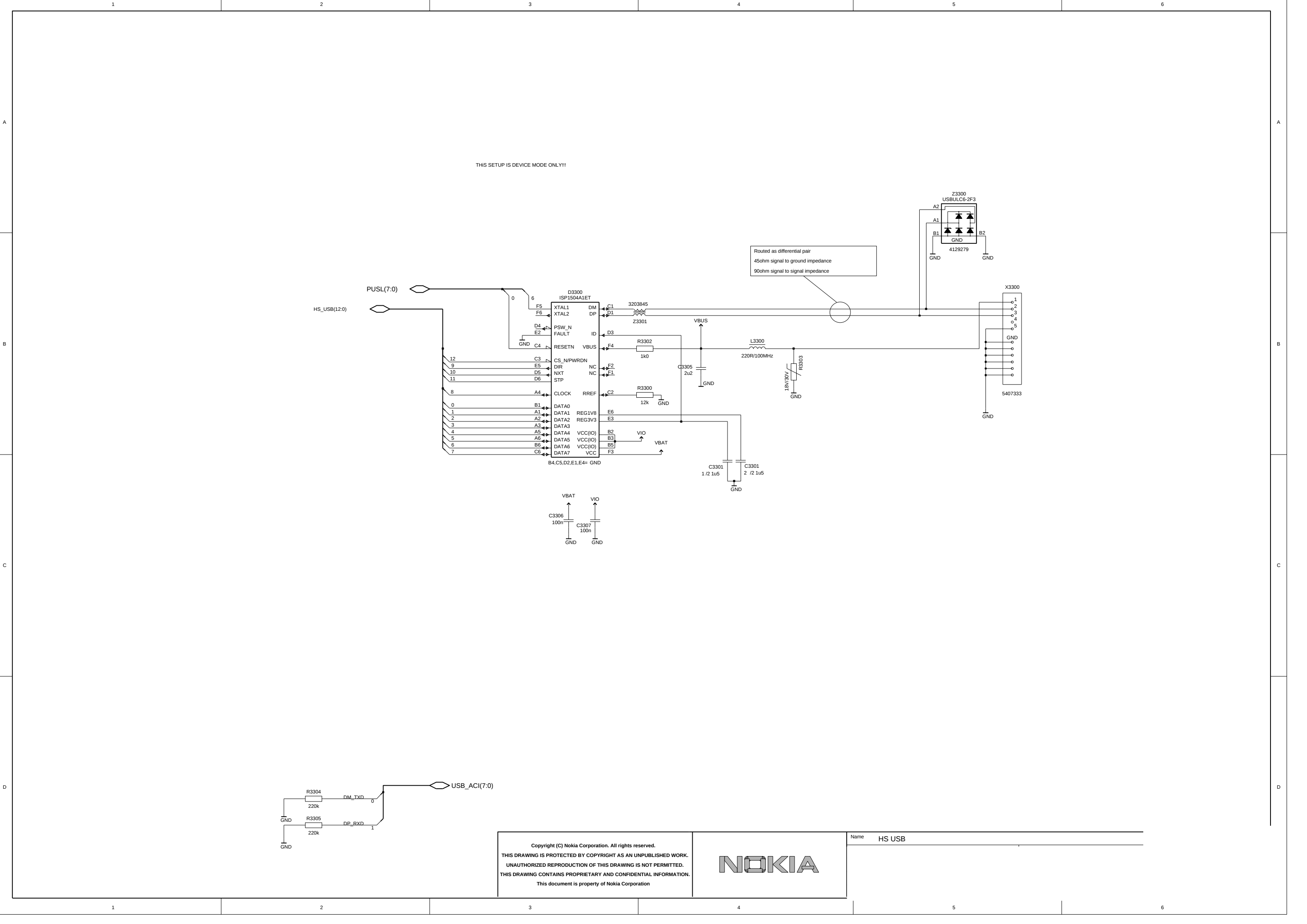




GEN_CTRL_CMT(20:0)



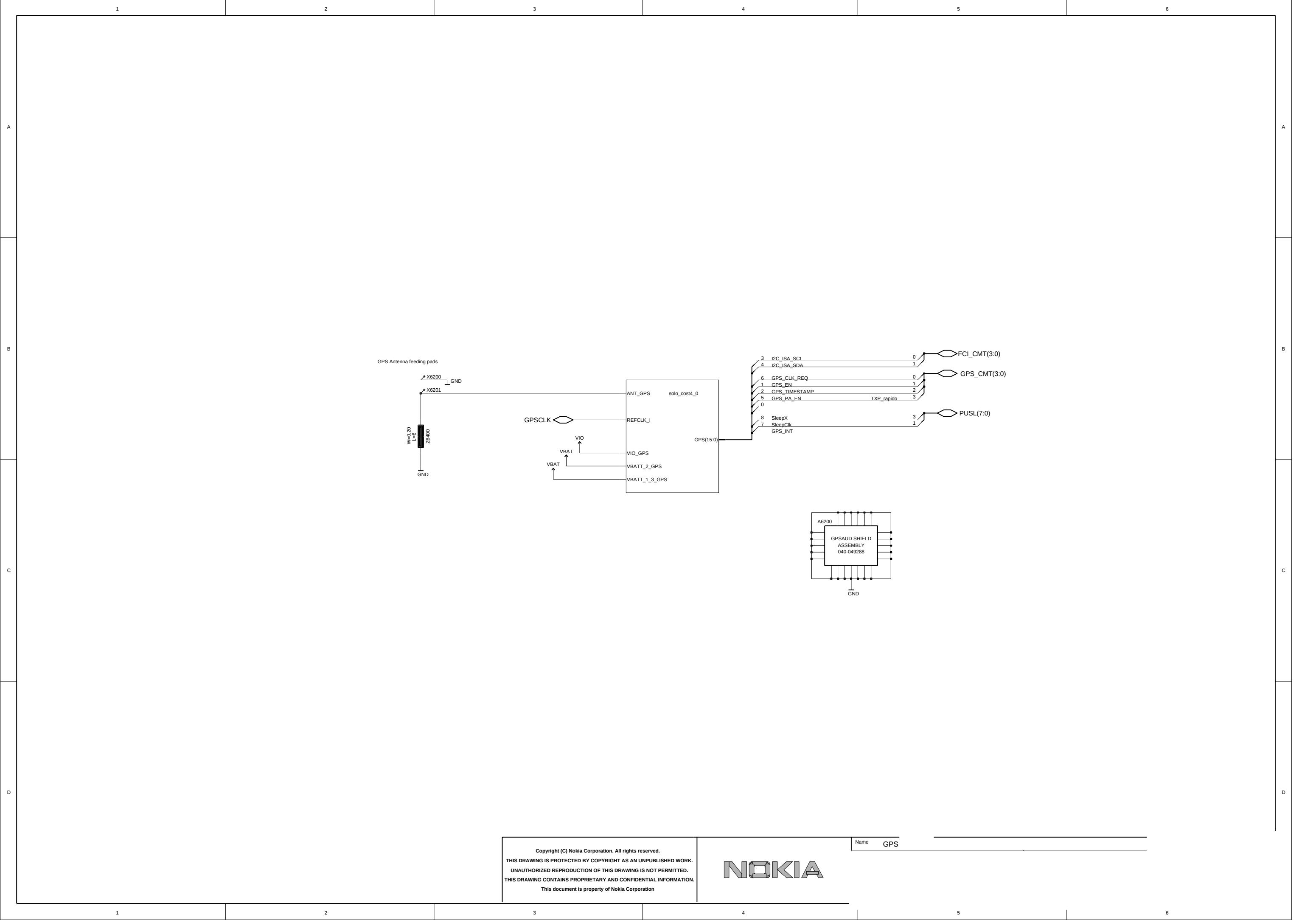


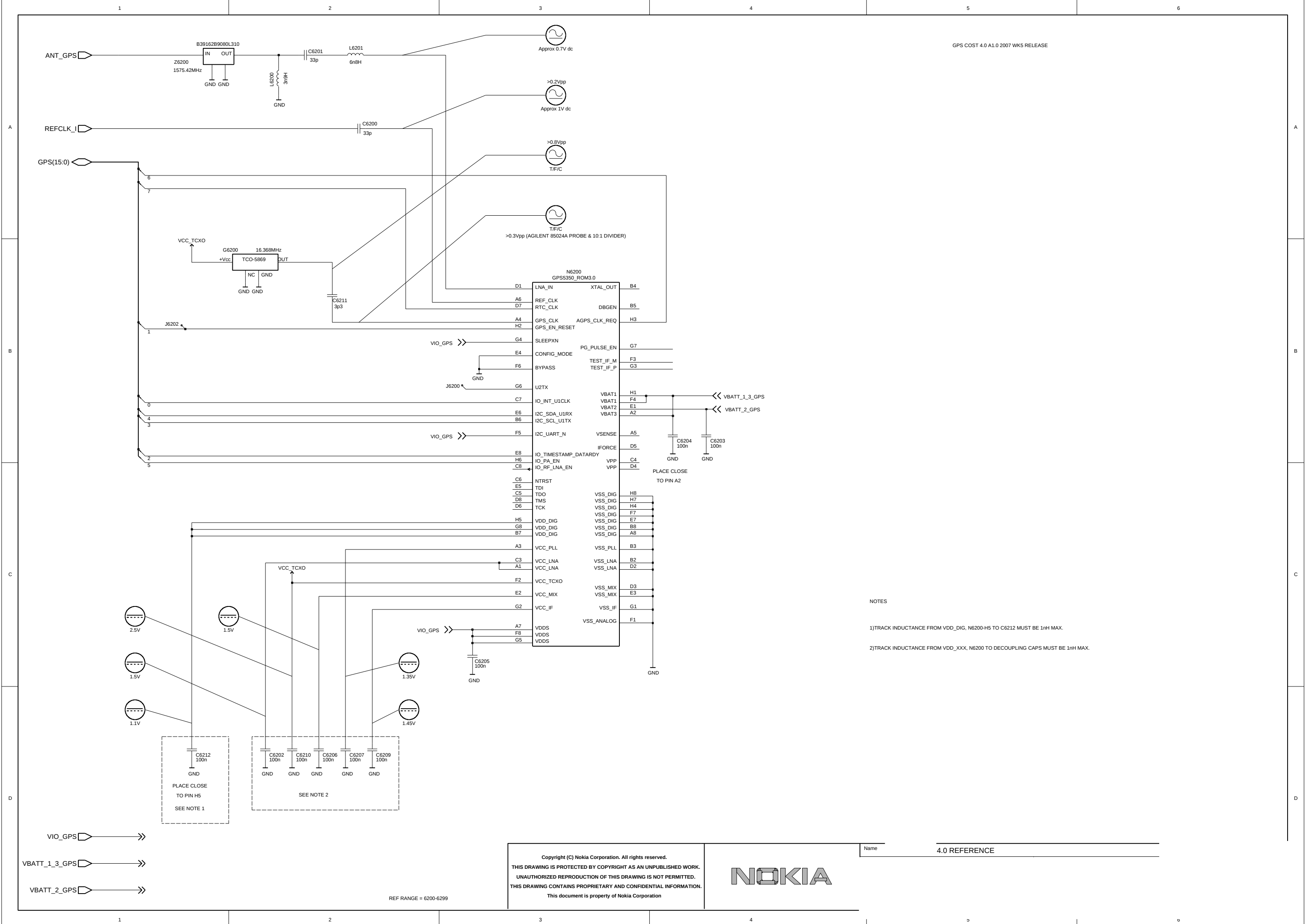


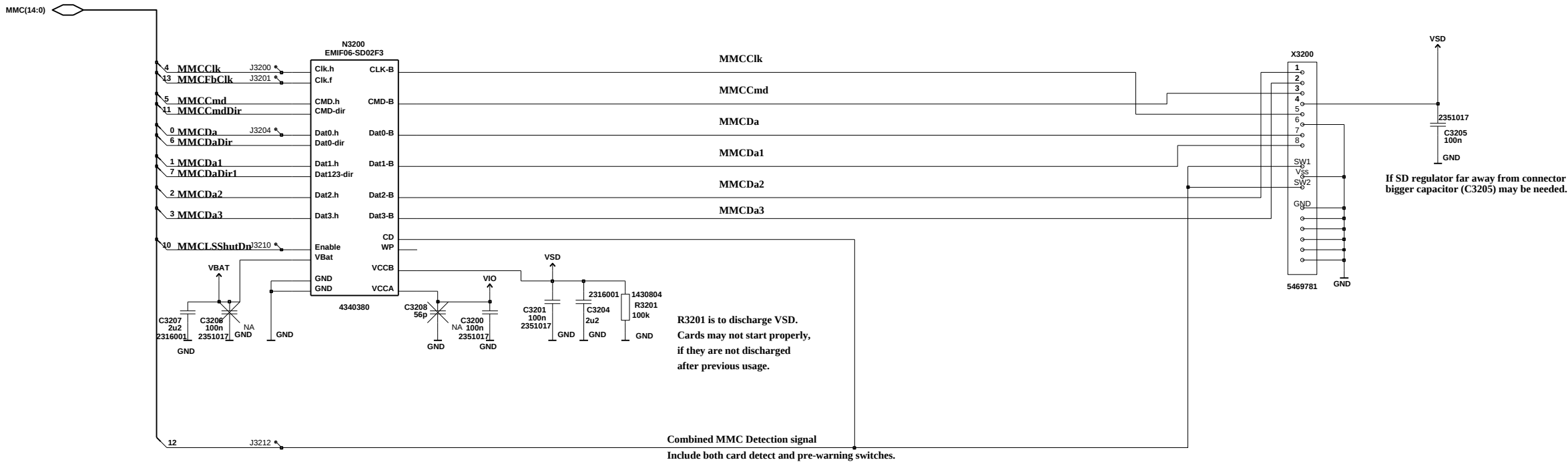
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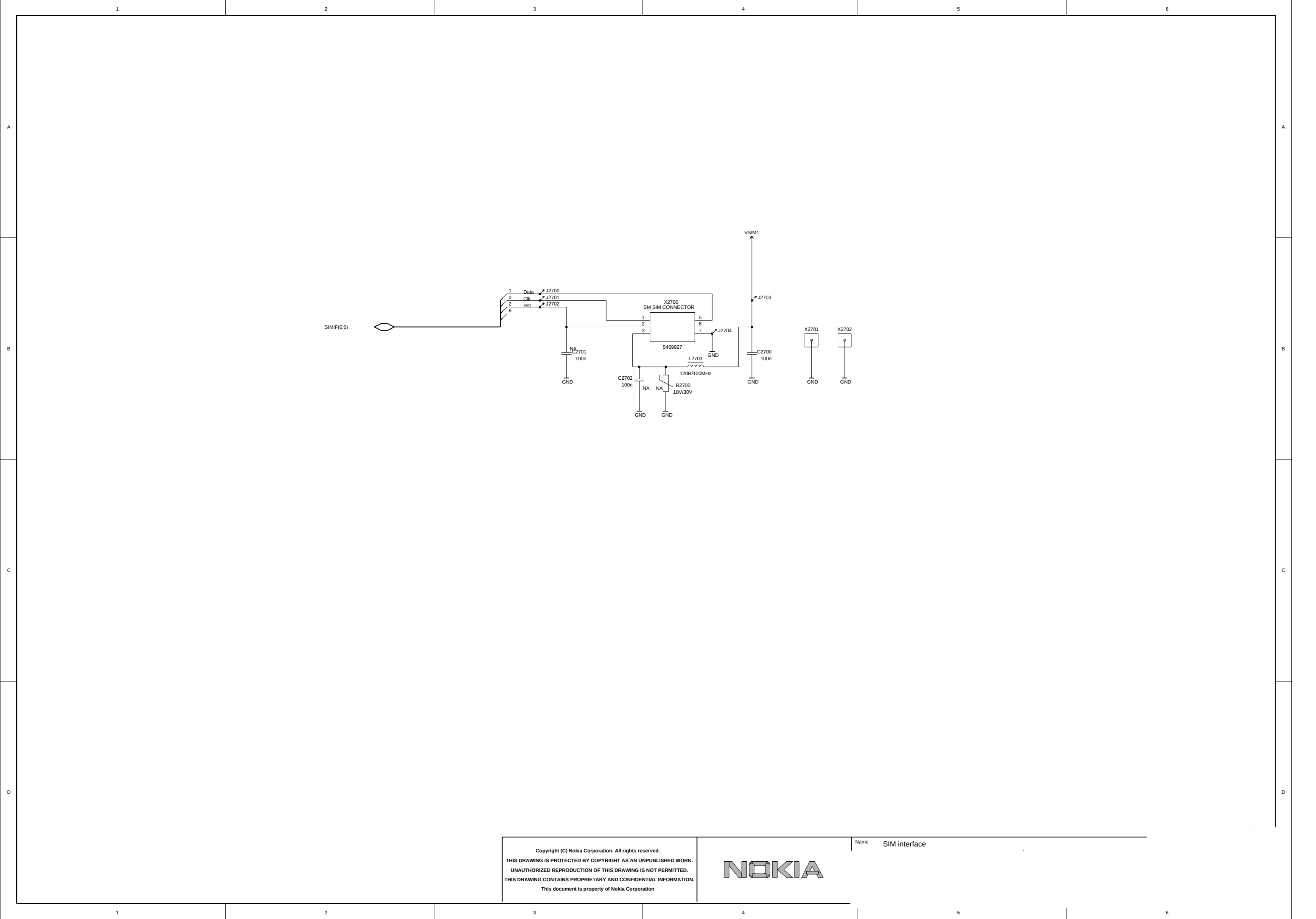
Name HS USB







Test pad	Needed	Optional
J3200 MMCCLK (Rapido vs. EMIF)	X	
J3201 MMCFbCLK (Rapido vs EMIF)	X	
J3202 MMCCMD (Rapido vs EMIF)	X	
J3203 MMCCMDIR (Rapido vs EMIF)	X	
J3204 MMCDATA0 (Rapido vs EMIF)	X	
J3205 MMCDATADIR0 (Rapido vs EMIF)	X	
J3206 MMCDATA1 (Rapido vs EMIF)	X	
J3207 MMCDATADIR1 (Rapido vs EMIF)		X
J3208 MMCDATA2 (Rapido vs EMIF)	X	
J3209 MMCDATA3 (Rapido vs EMIF)	X	
J3210 MMCLSSHutDn (Rapido vs EMIF)		X
J3212 MMC Detect	X	
J3213 MMCCLK (EMIF vs connector)	X	
J3214 MMCCMD (EMIF vs connector)	X	
J3215 MMCDATA0 (EMIF vs connector)	X	
J3216 MMCDATA1 (EMIF vs connector)		X
J3217 MMCDATA2 (EMIF vs connector)		X
J3218 MMCDATA3 (EMIF vs connector)		X



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Name SIM interface

A

B

C

D

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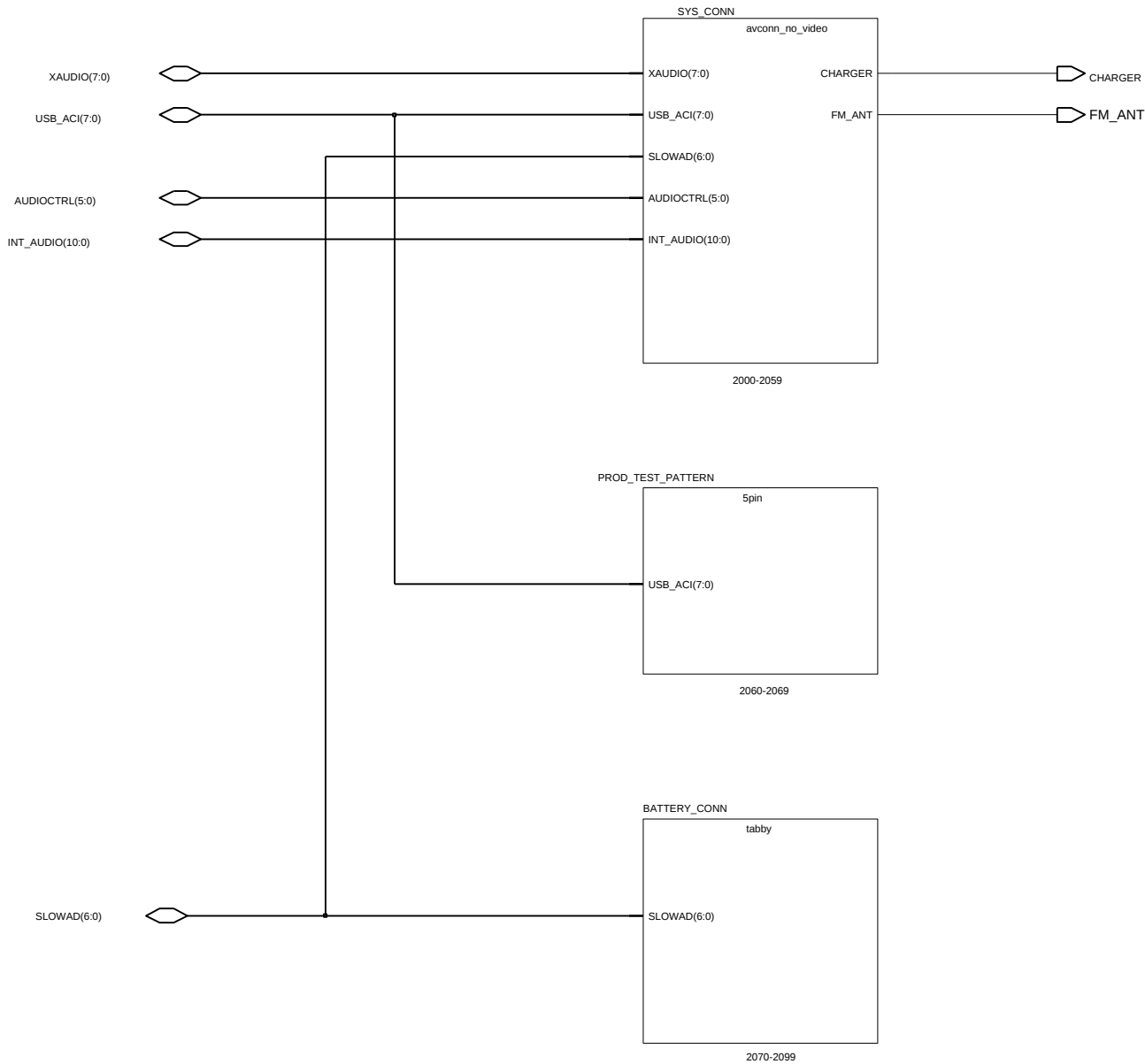
6

A

B

C

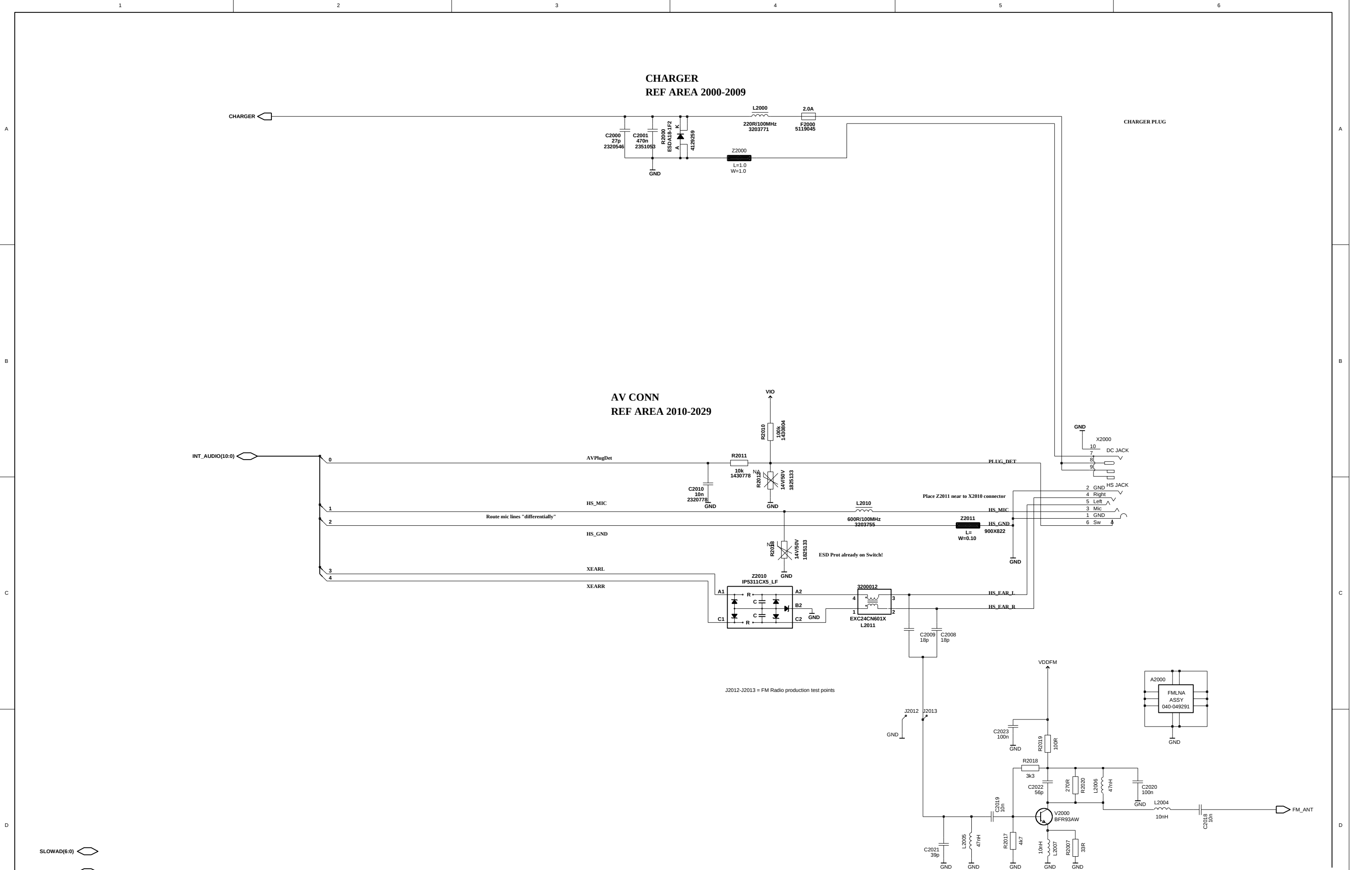
D



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NOKIA

Name System and battery connector



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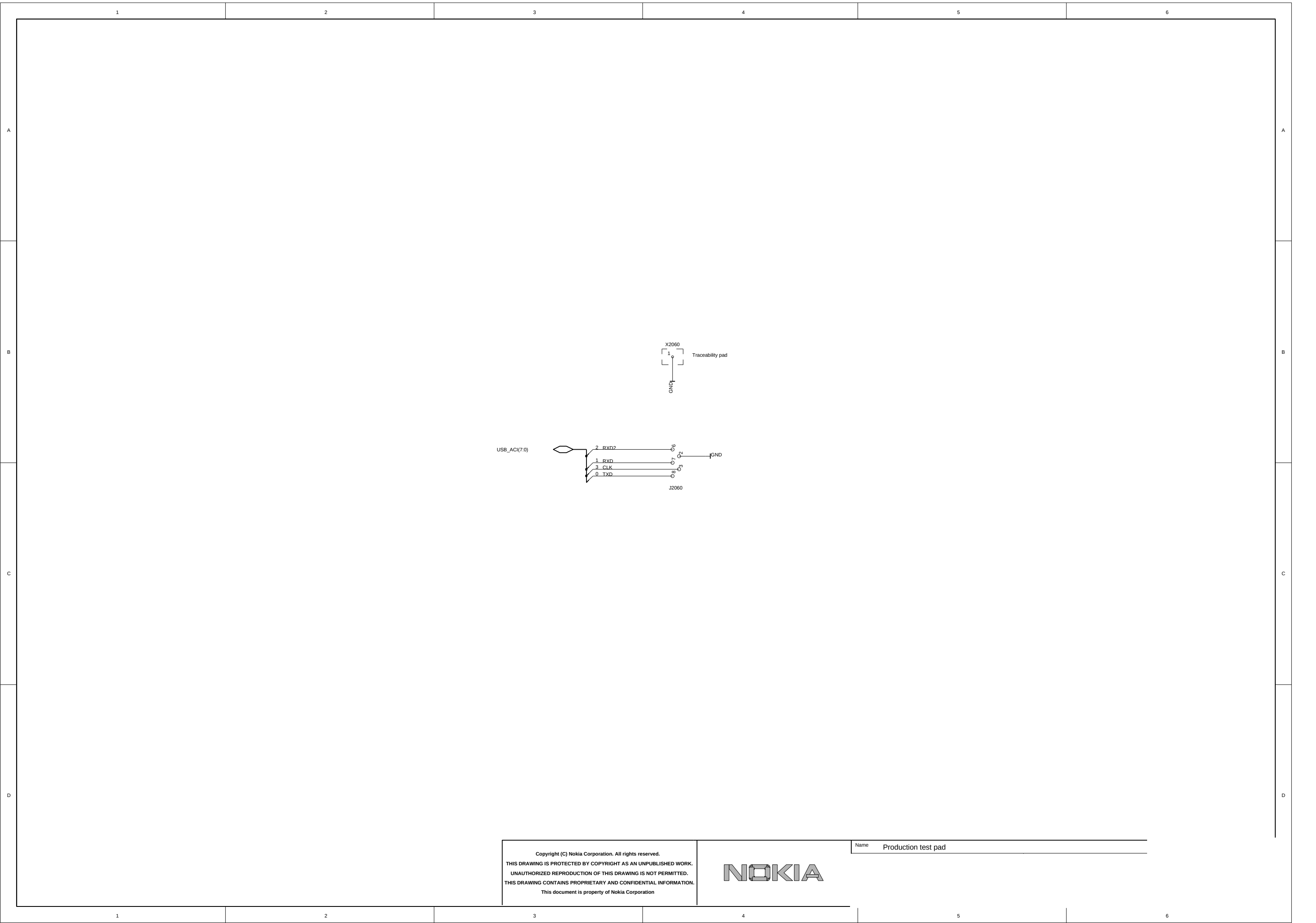
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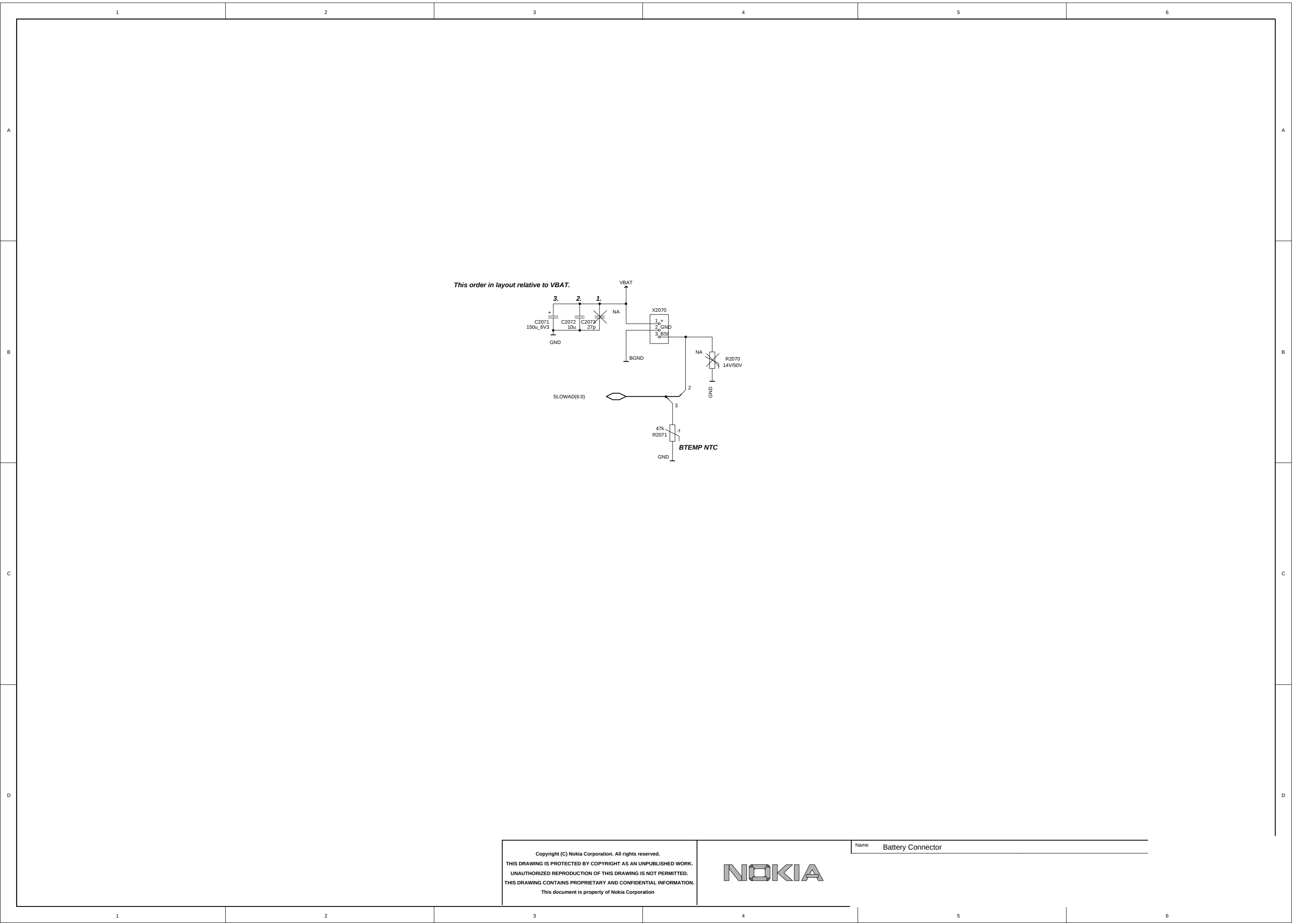
Name	AV connector, no video
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Name	Production test pad
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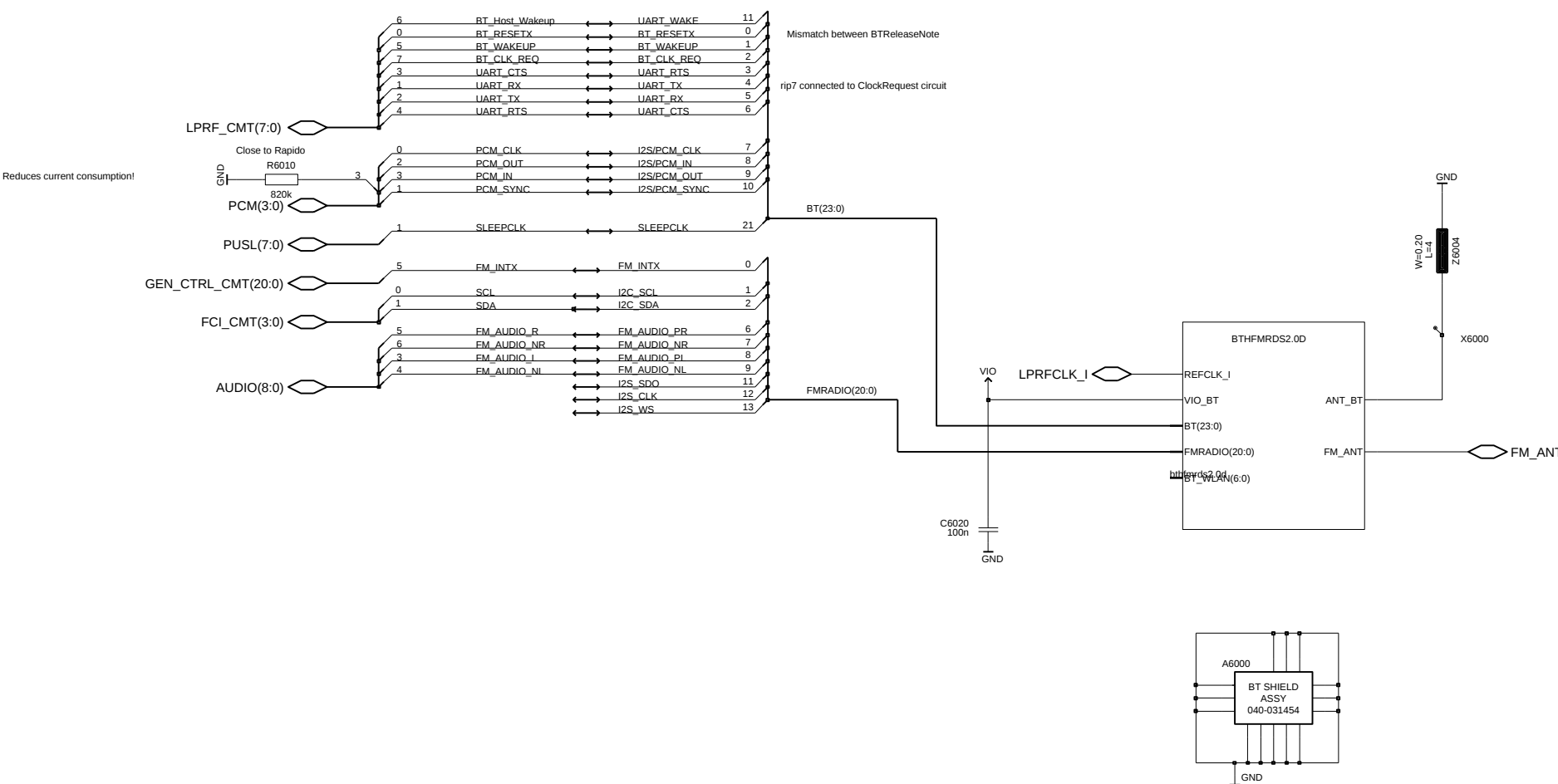


Name
Battery Connector

BT_ANT

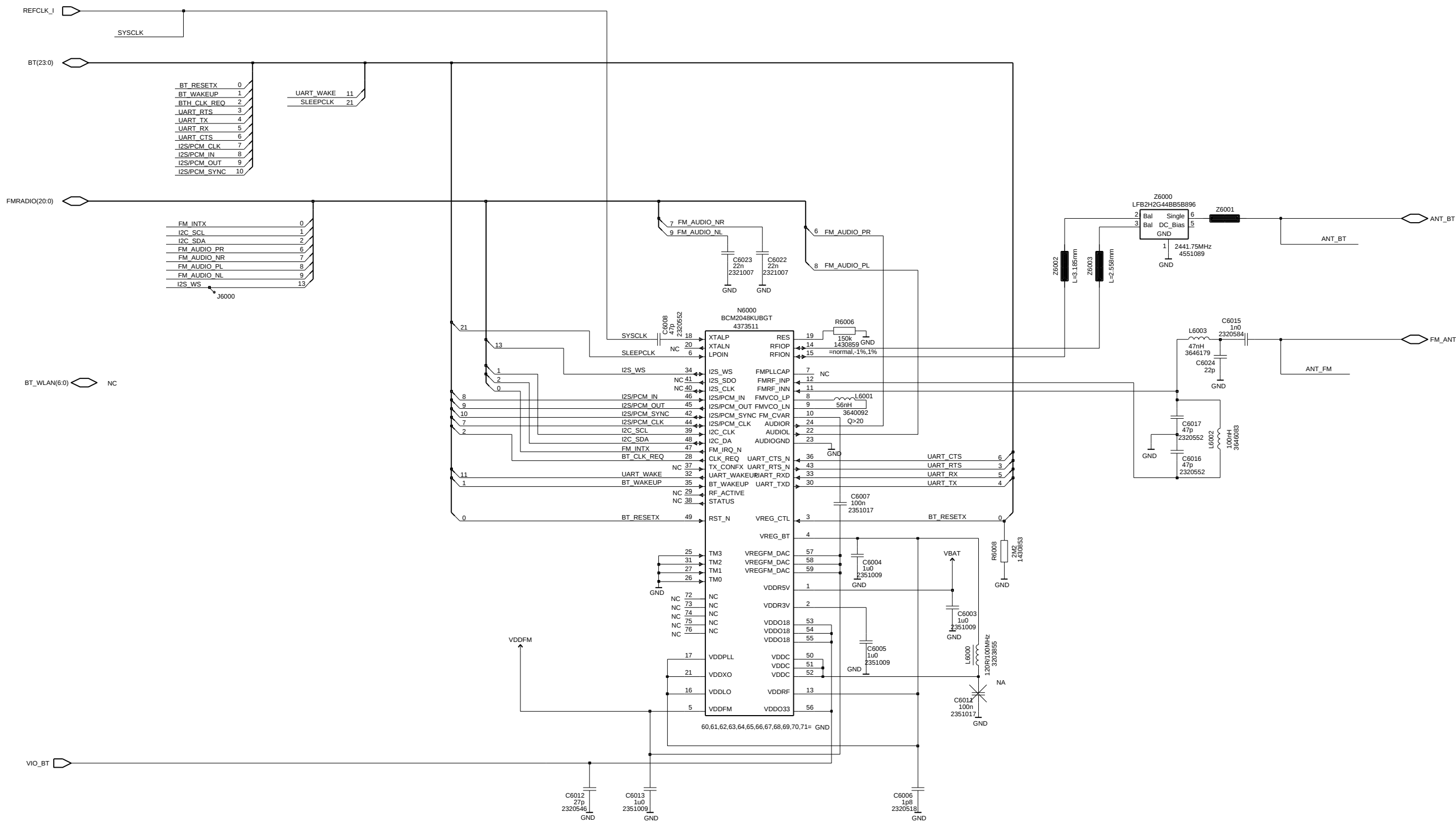
WLAN_BT(6:0)

CBUS(3:0)



Test pad	Needed	Optional
J6000 BT_HOST_WAKEUP	X	
J6001 BT_RESETX	X	
J6002 BT_WAKEUP	X	
J6003 UART_CTS		X
J6004 UART_RX	X	
J6005 UART_TX	X	
J6006 UART_RTS		X
J6007 PCM_CLK	X	
J6008 PCM_OUT	X	
J6009 BT_WLAN_TX_CONF	X	
J6010 BT_WLAN_RF_ACTIVE	X	
J6011 BT_WLAN_STATUS	X	
J6012 BT_WLAN_FREQ		X

BLUETOOTH & FM RADIO DISCRETE



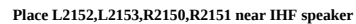
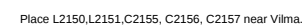
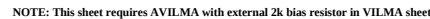
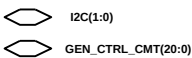
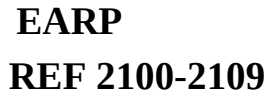
Notes.

- 1) 3k3 Pull-up Resistors are required on I2C_SCL & I2C_SDA

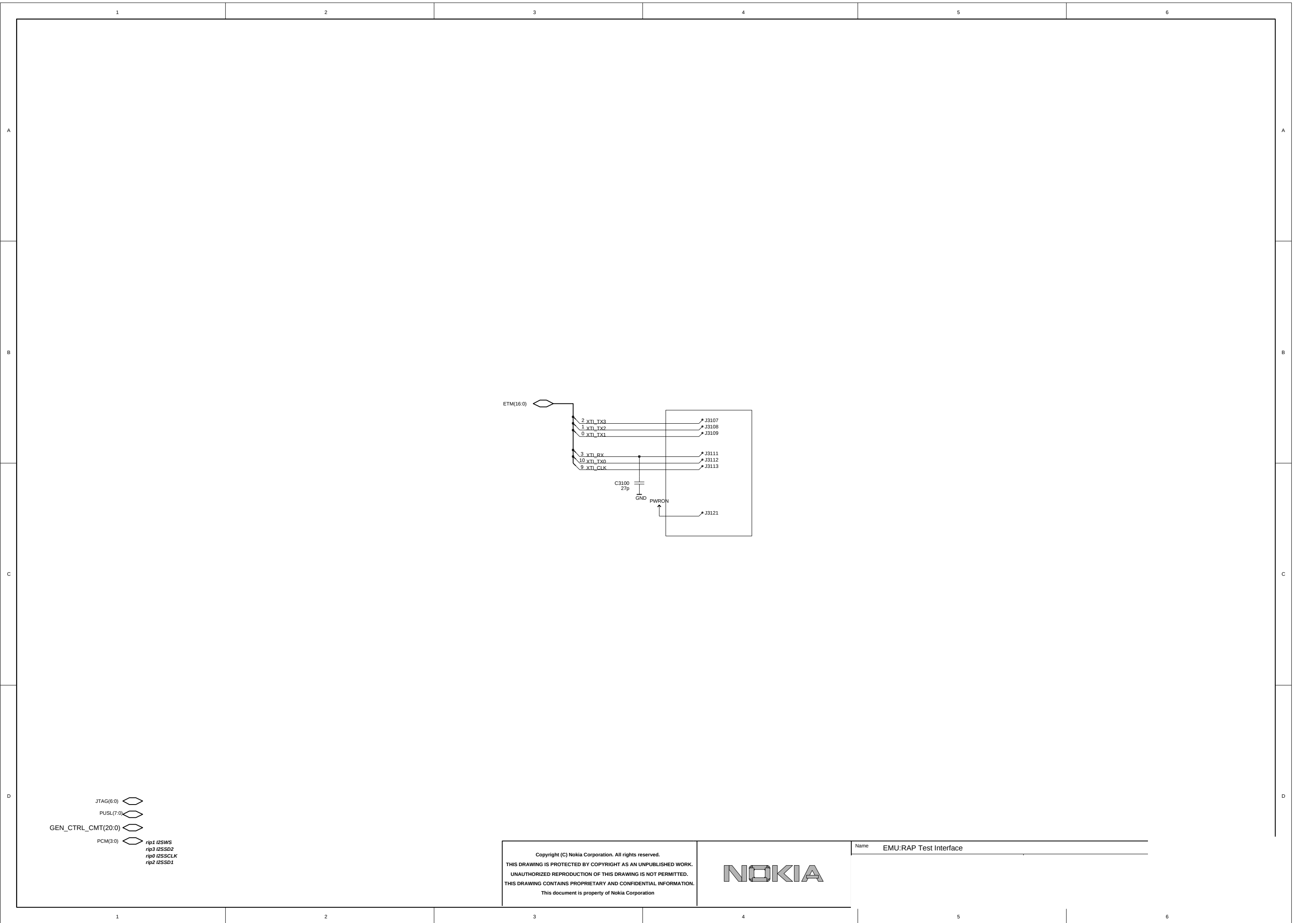
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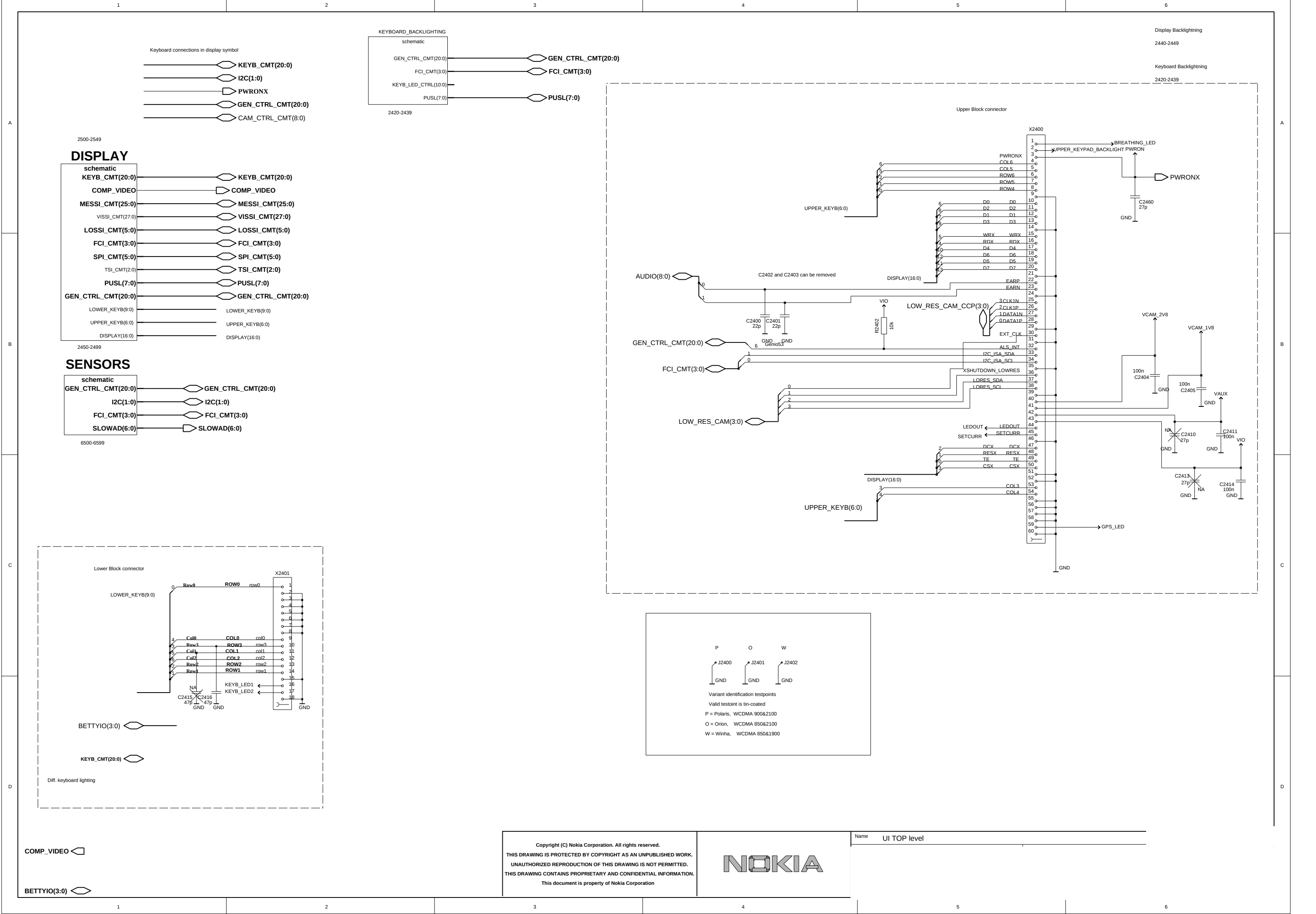
NOKIA

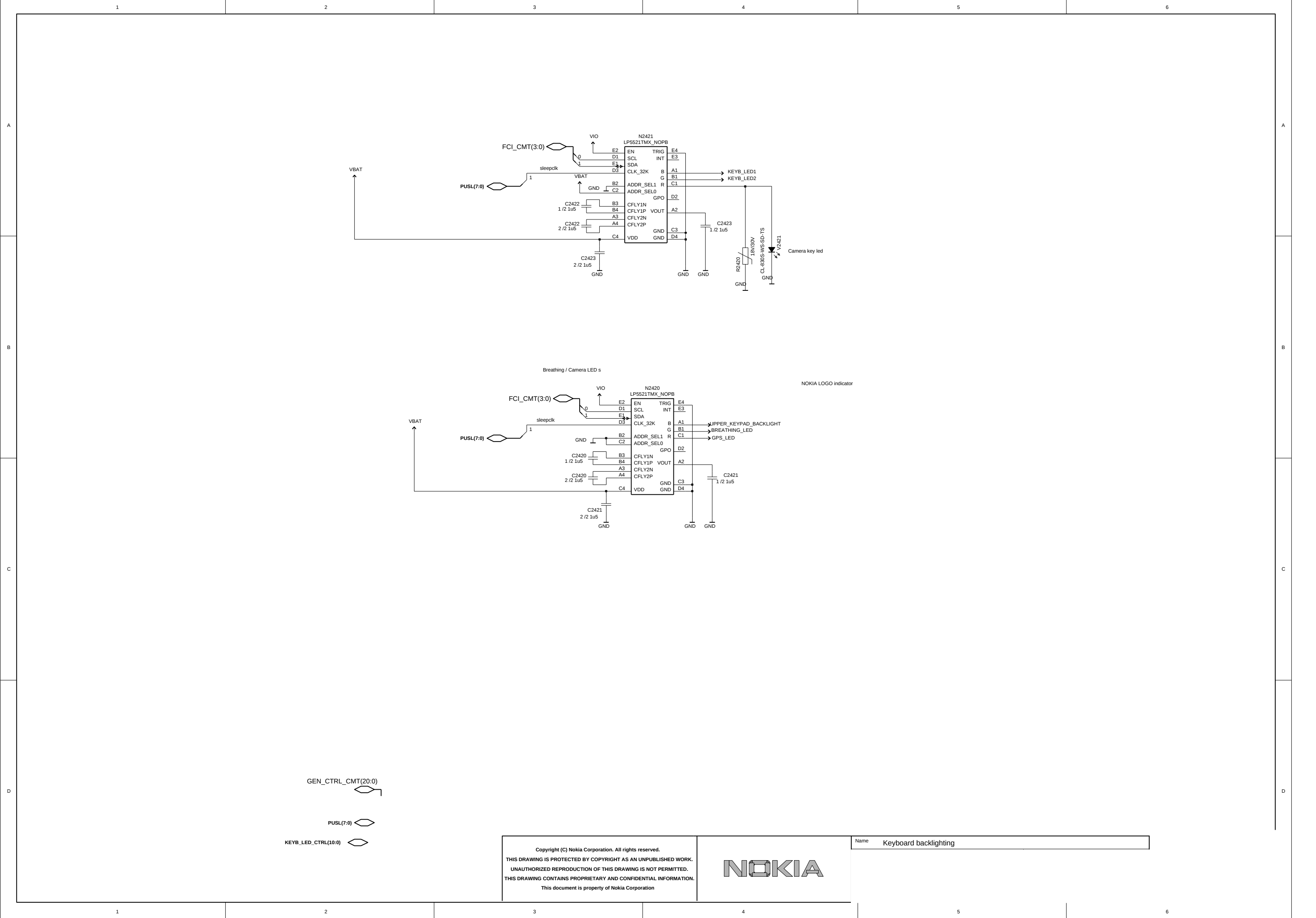
Name BTFM RDS 2.0D (2+4+2)

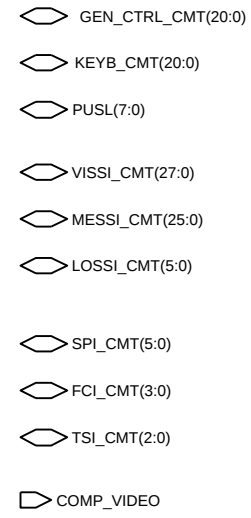


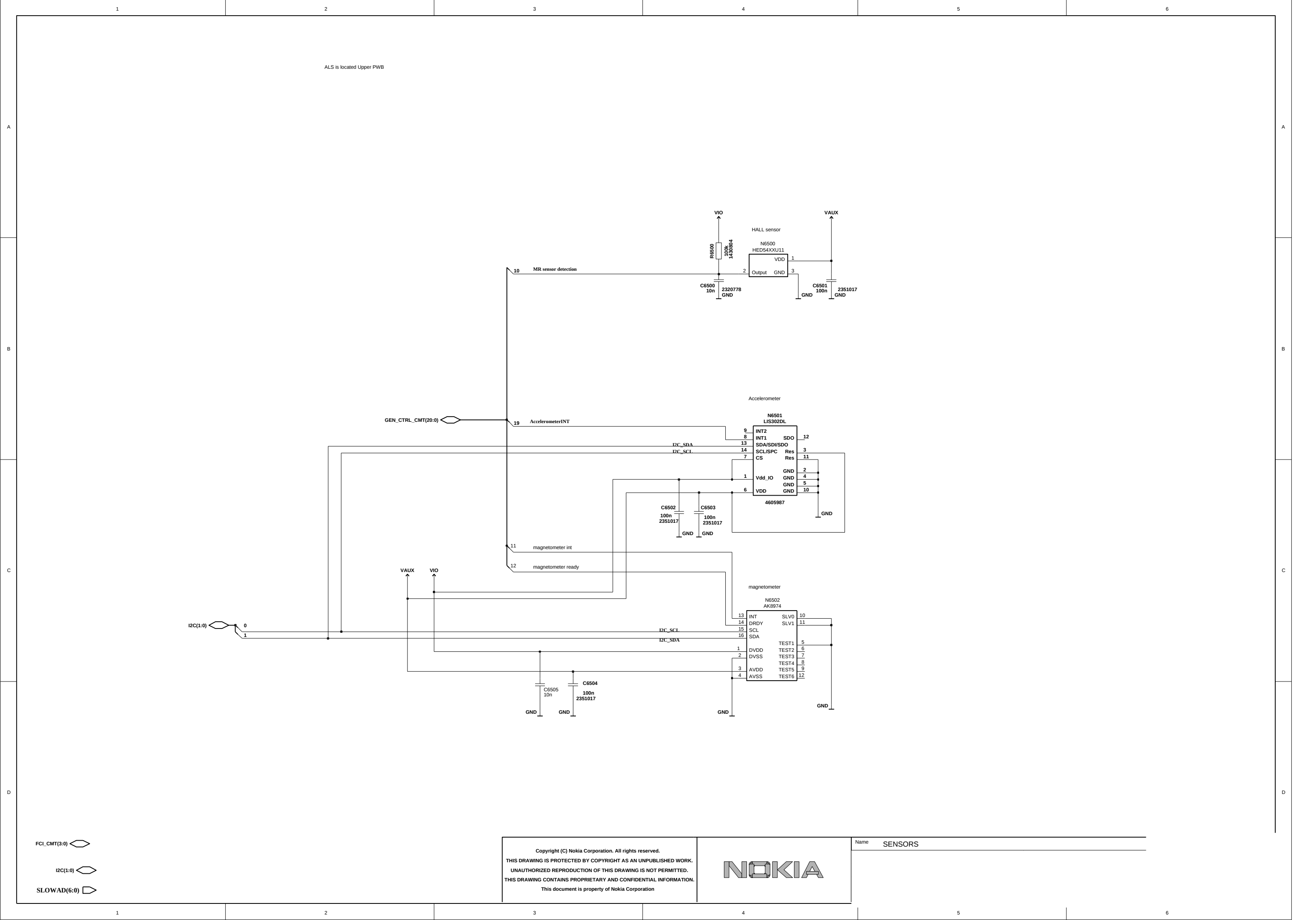
Name	Audio sheet with DAC33
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FCL_CMT(3:0)

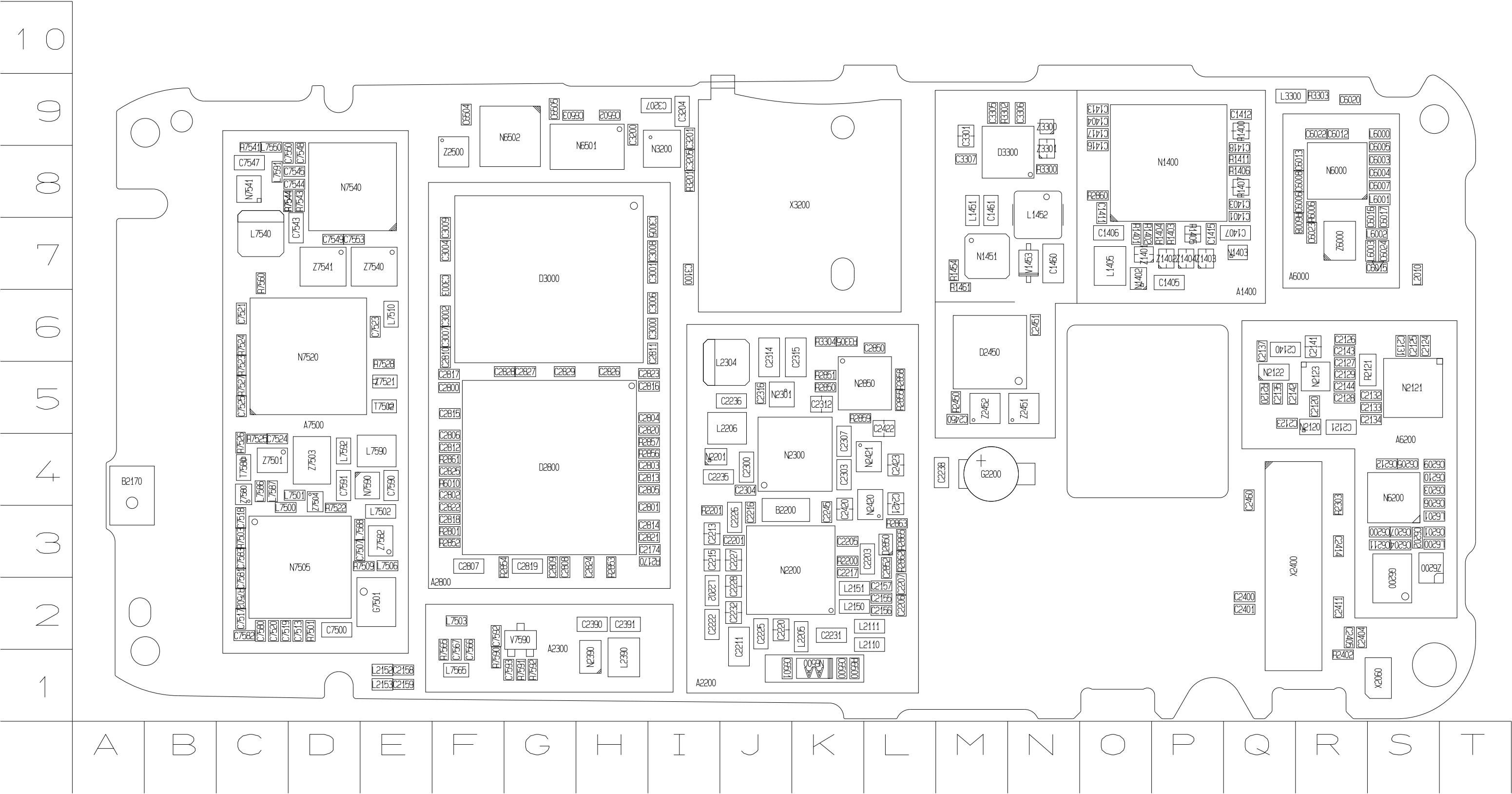
I2C(1:0)

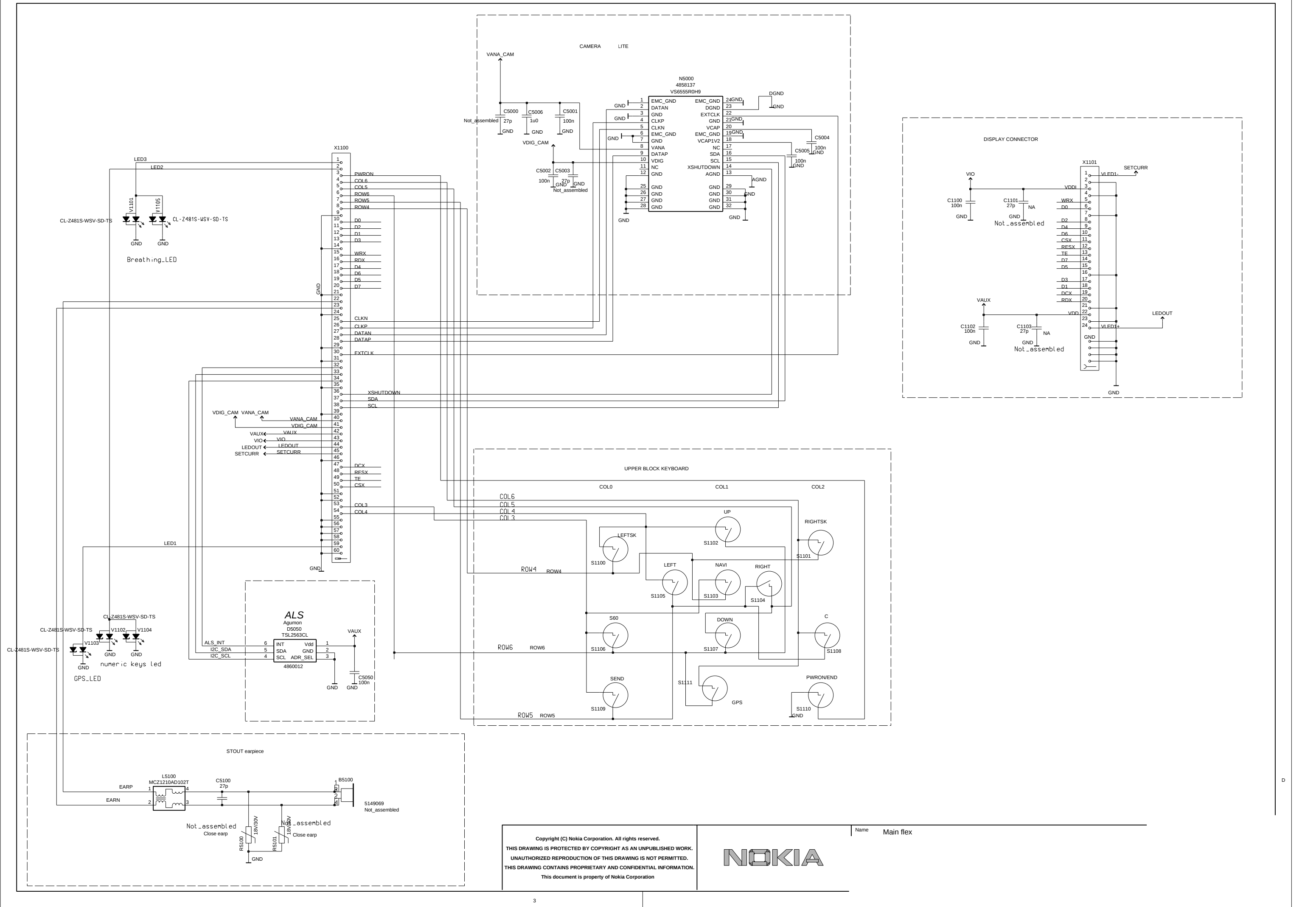
SLOWAD(6:0)

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Name SENSORS





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Name Main flex

