

Nokia Customer Care

Service Manual

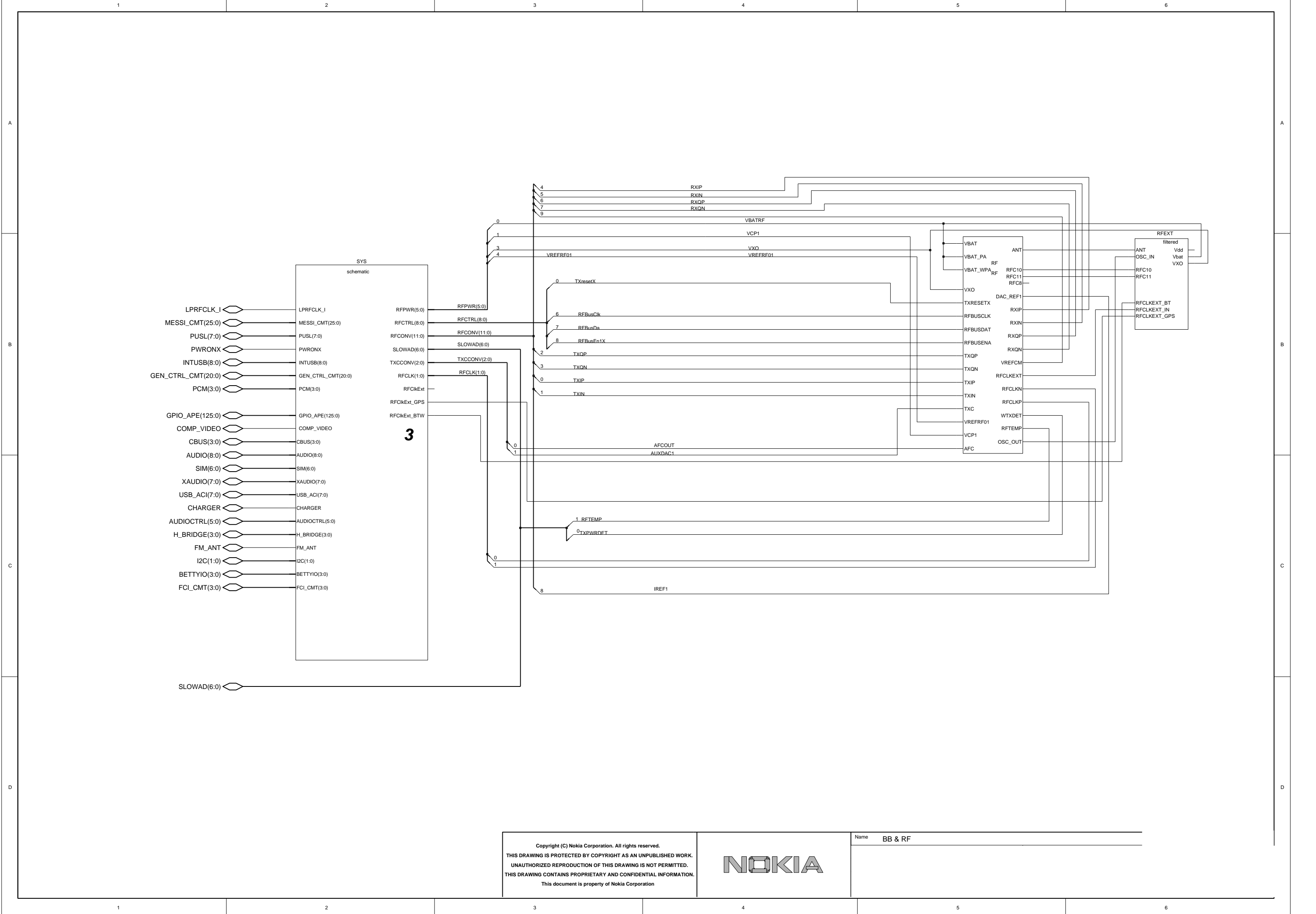
RM-367 (Nokia 6210 Navigator)

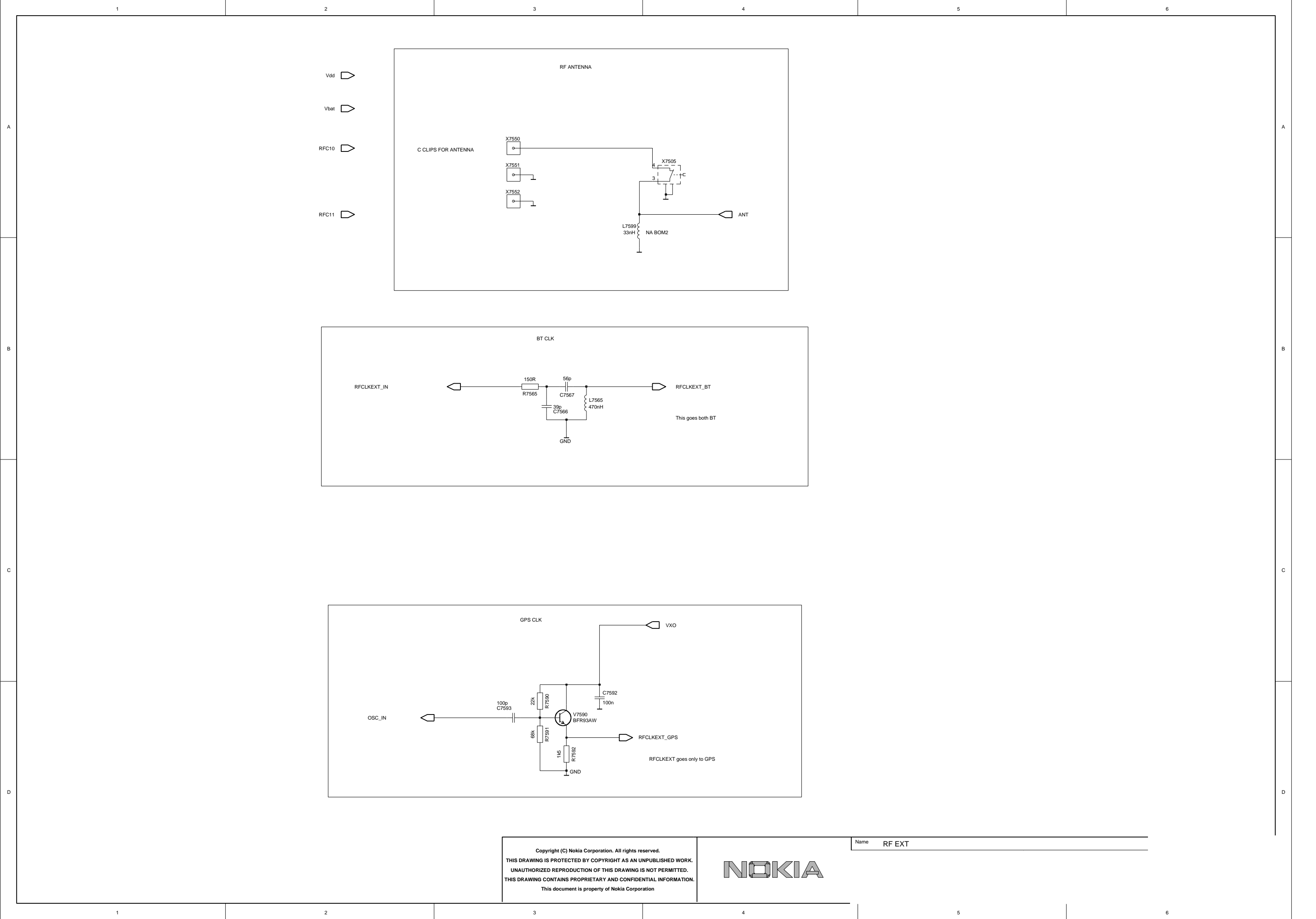
Schematics

Part No: (Issue 1)

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Name RF EXT

A

B

C

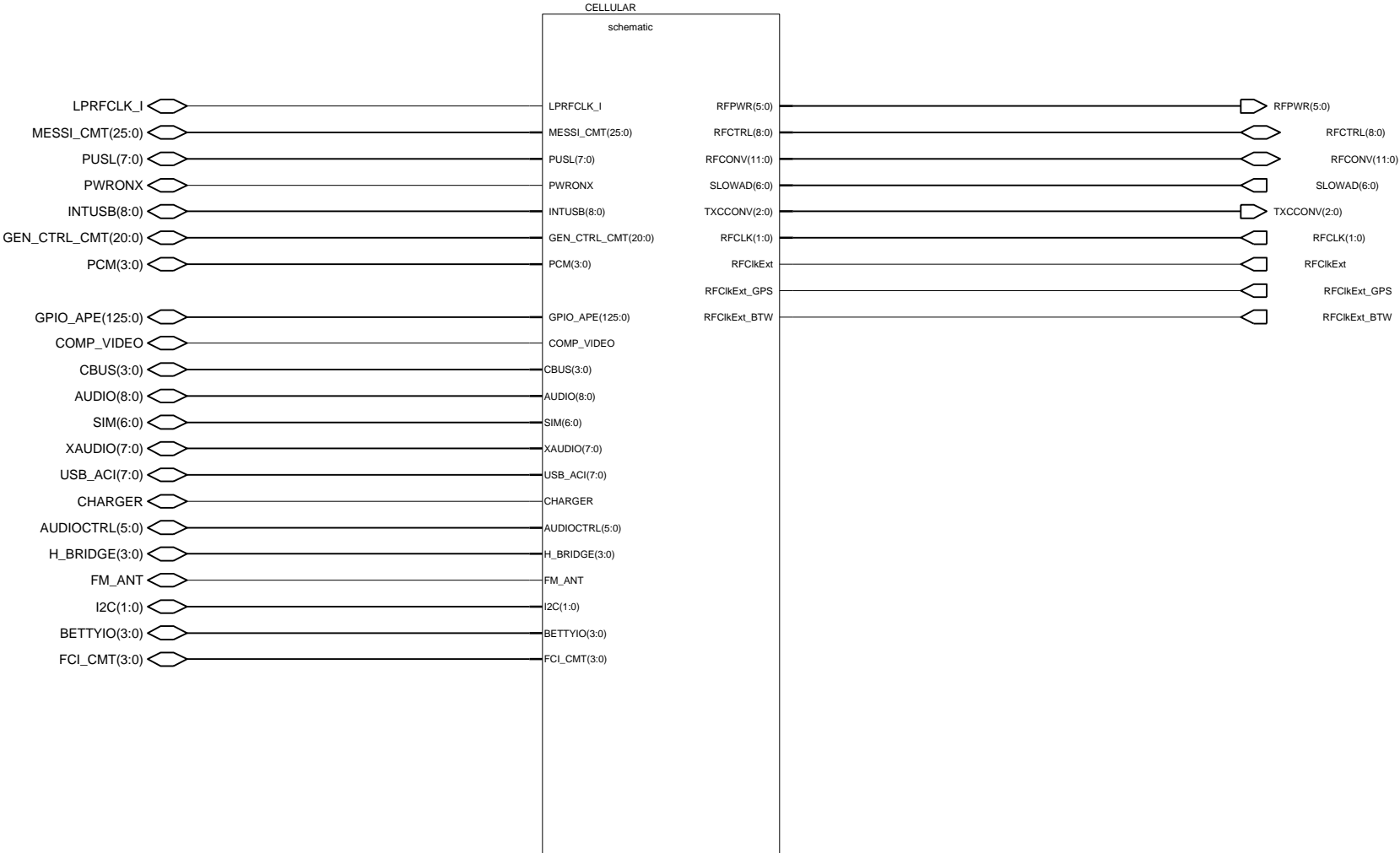
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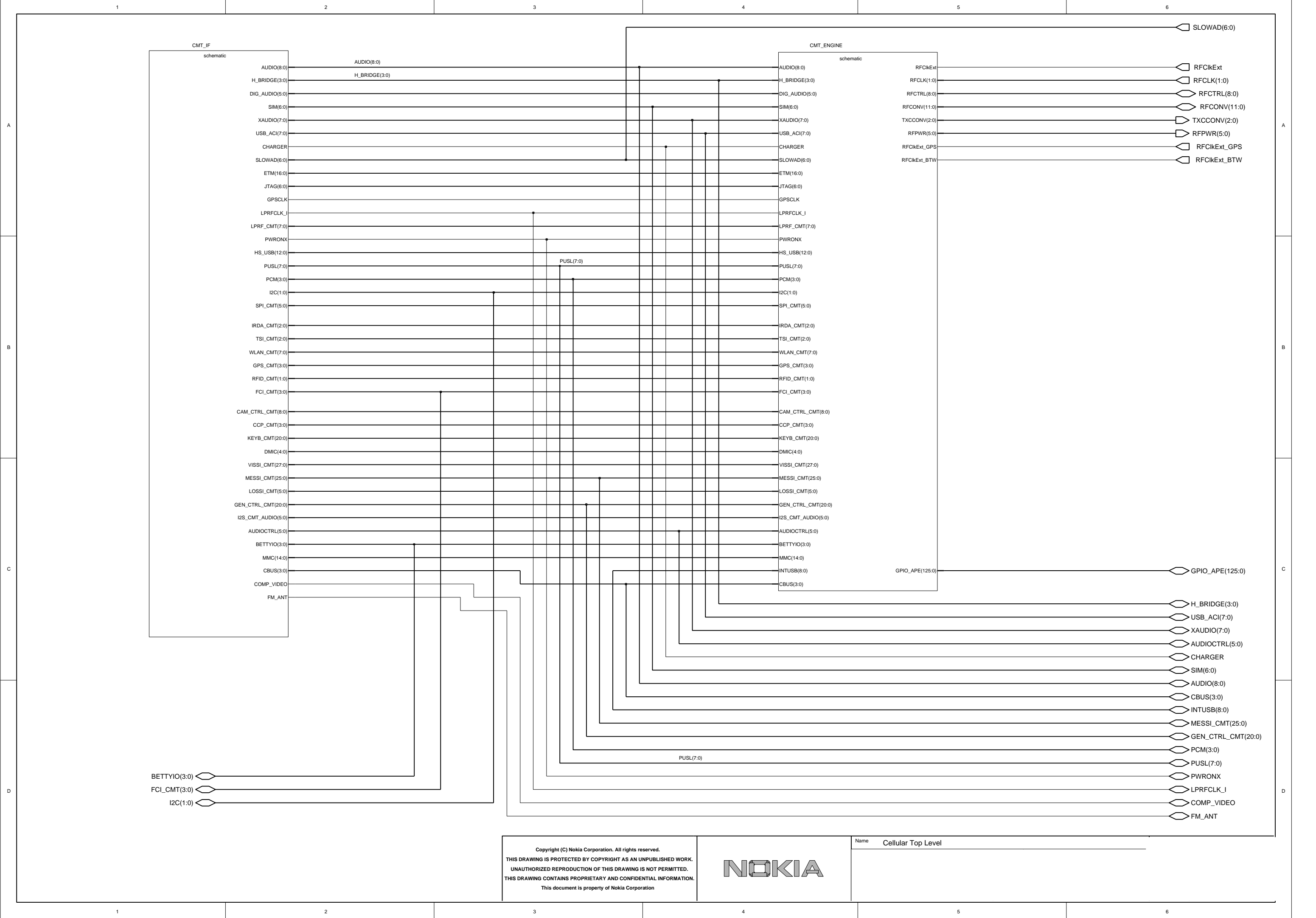
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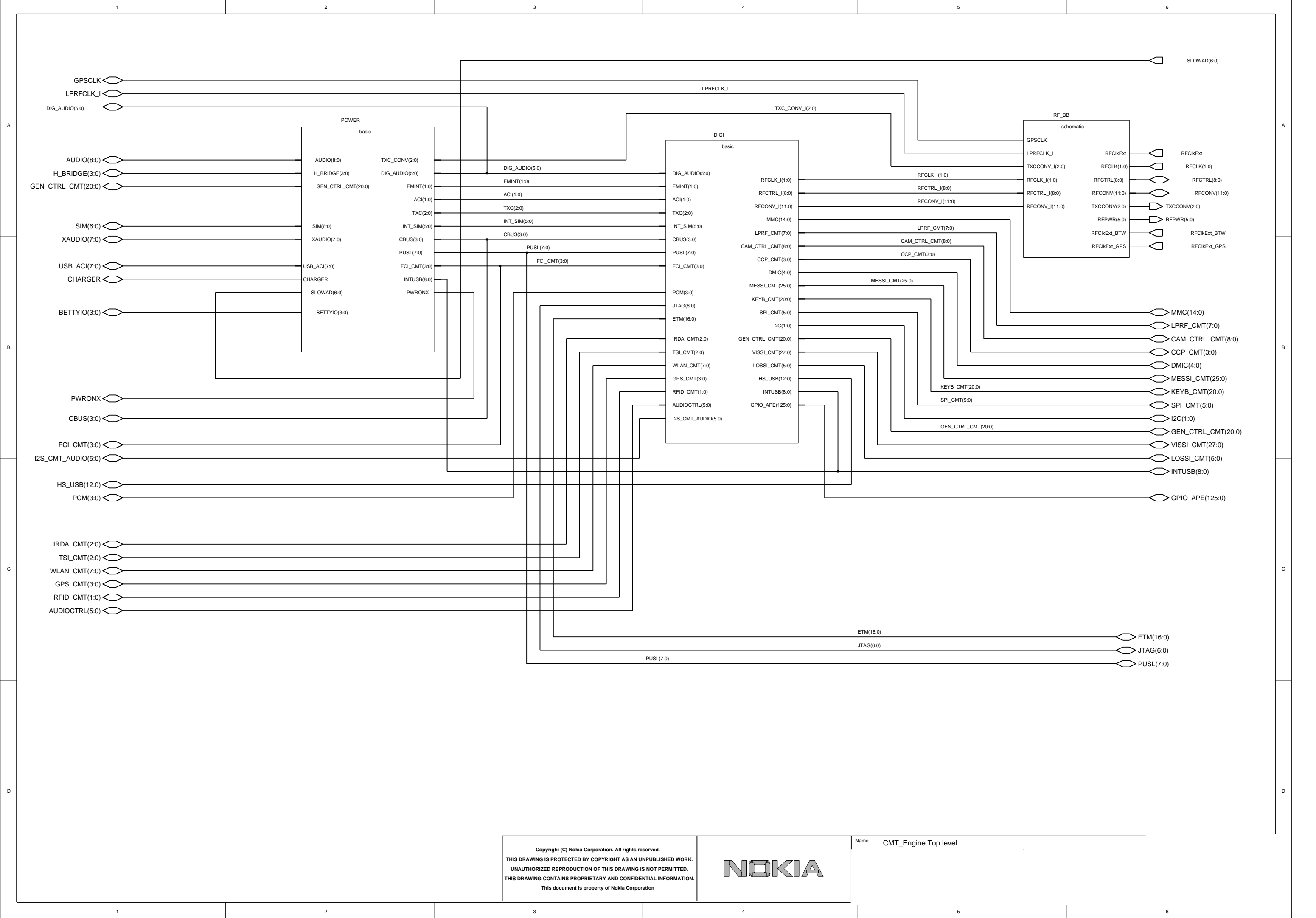
B

C

D







A

B

C

D

1

2

3

4

5

6

CBB5X

TOP SHEET

RFCLK_I(1:0)

RFCLK(1:0)

LPRFCLK_I

RFCIkExt_BTW

GPSCLK

RFCIkExt_GPS

RFCIkExt

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)

A

B

C

D

1

2

3

4

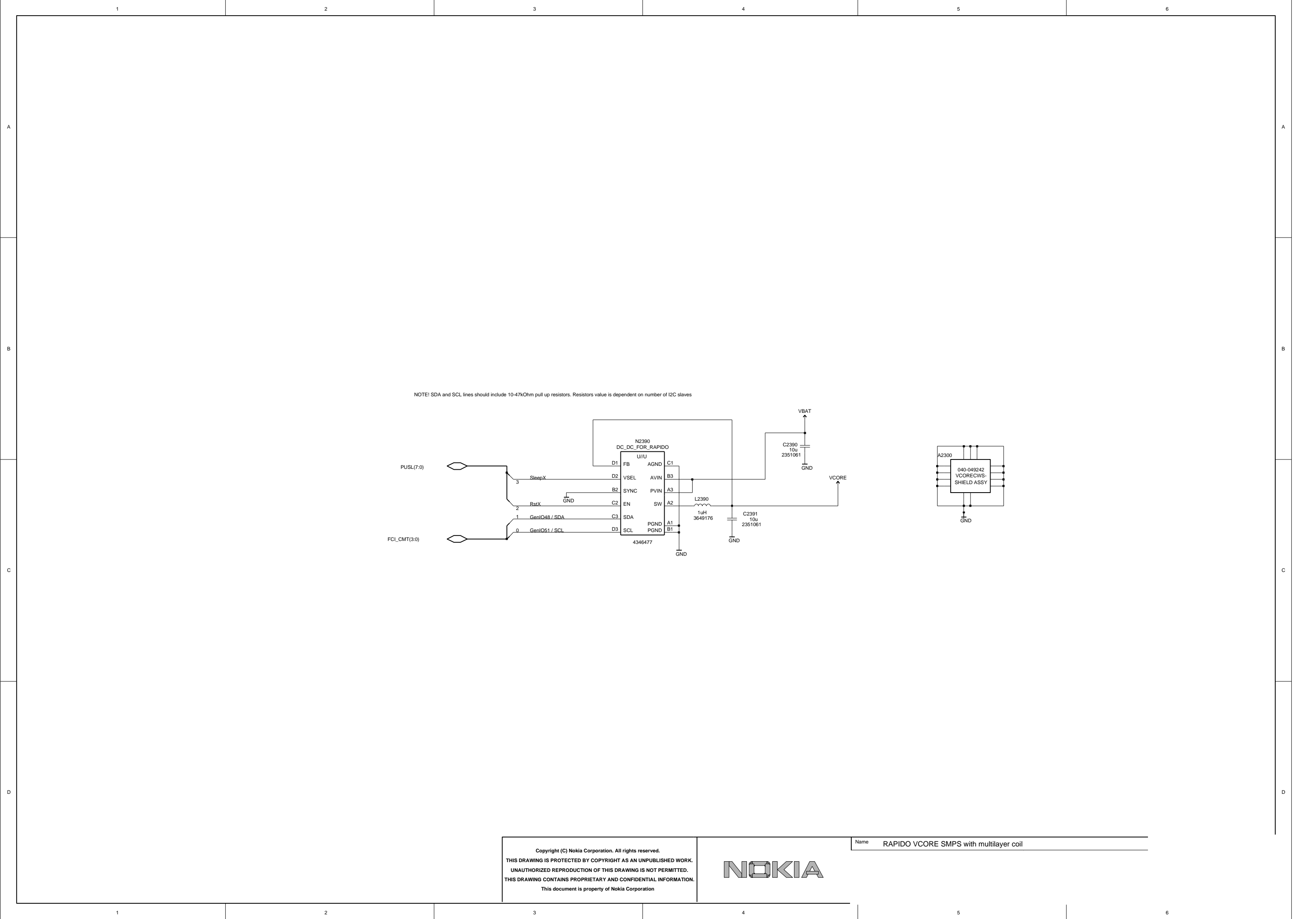
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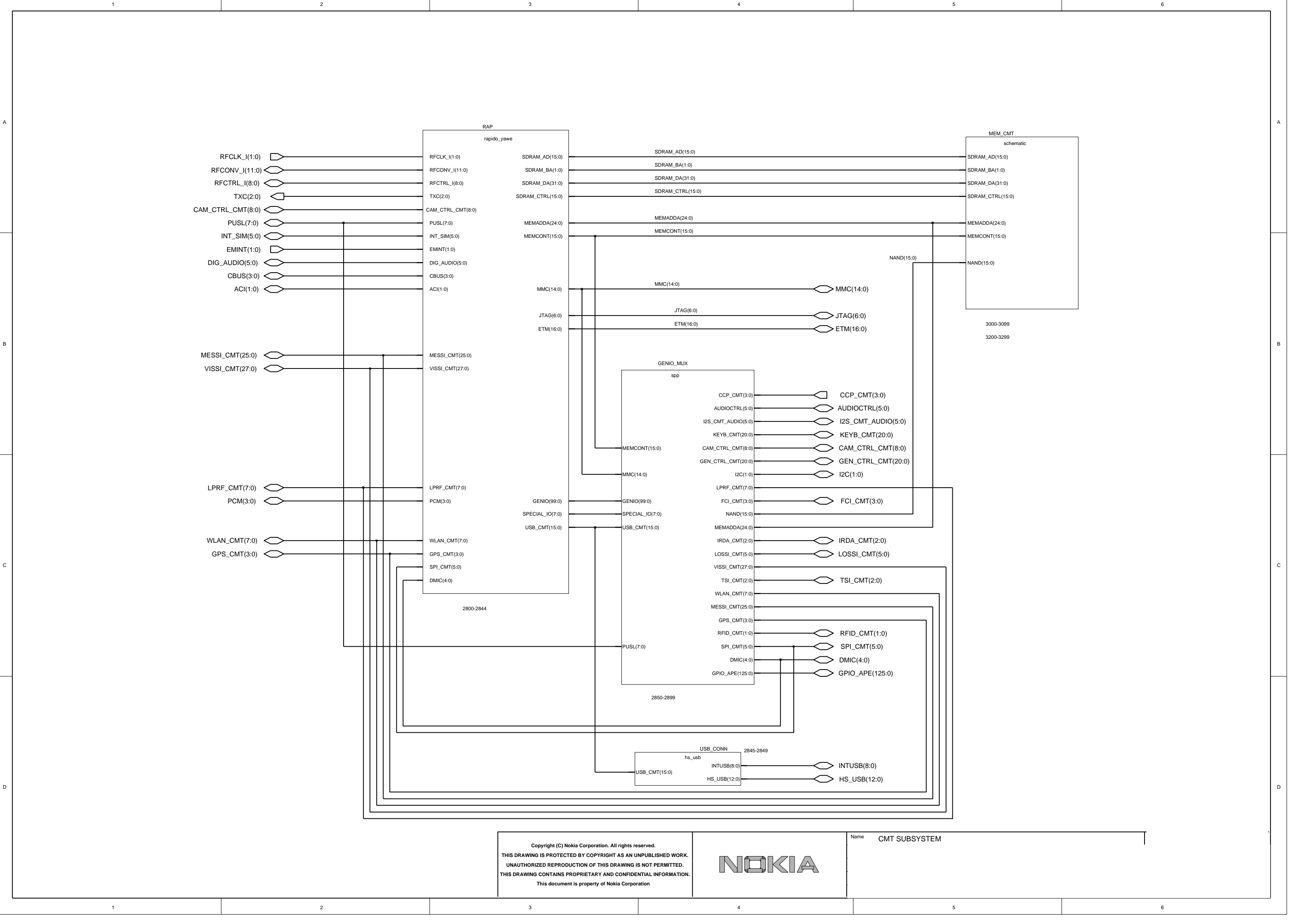
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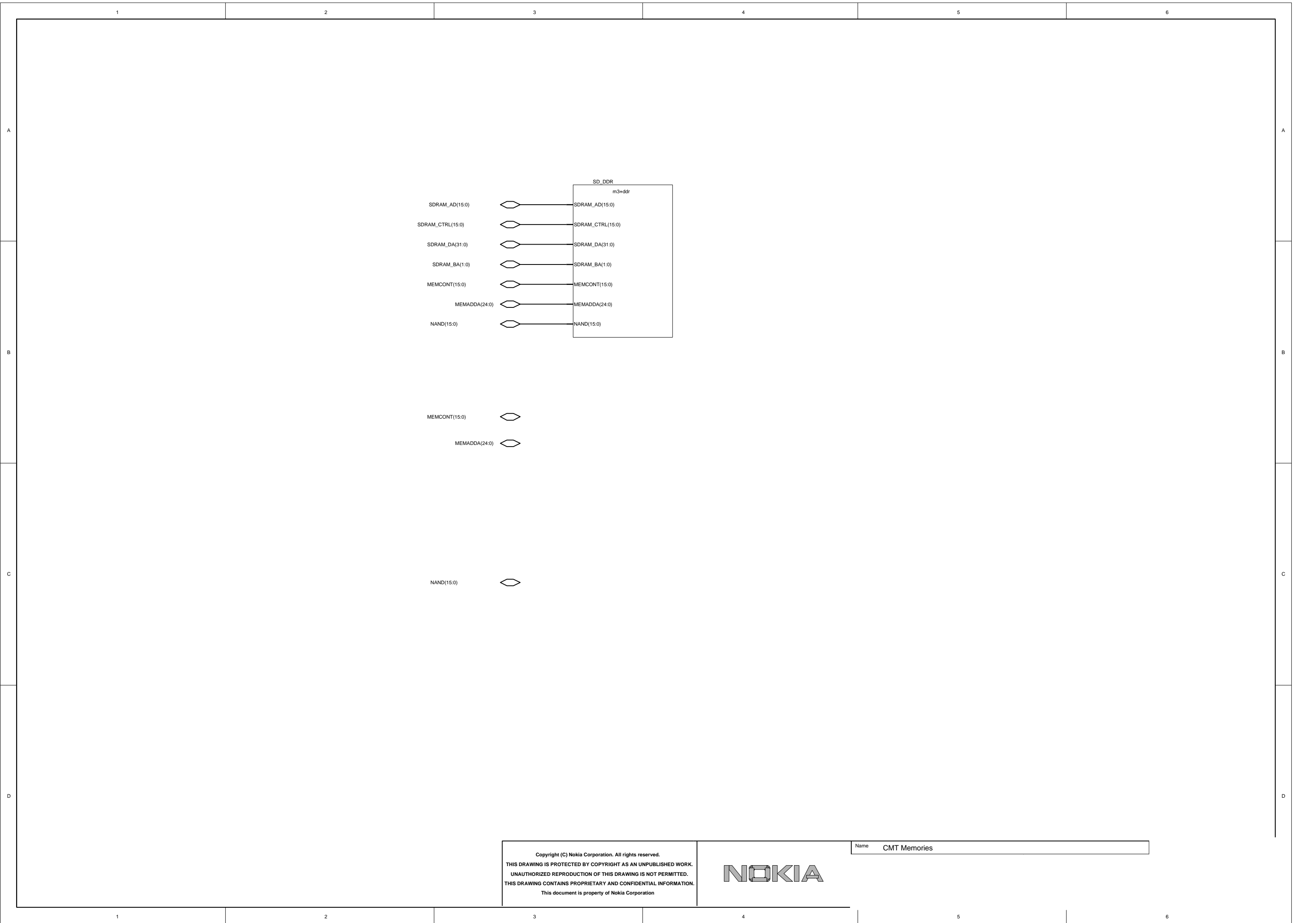
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Name RF IF







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Name CMT Memories

A

B

C

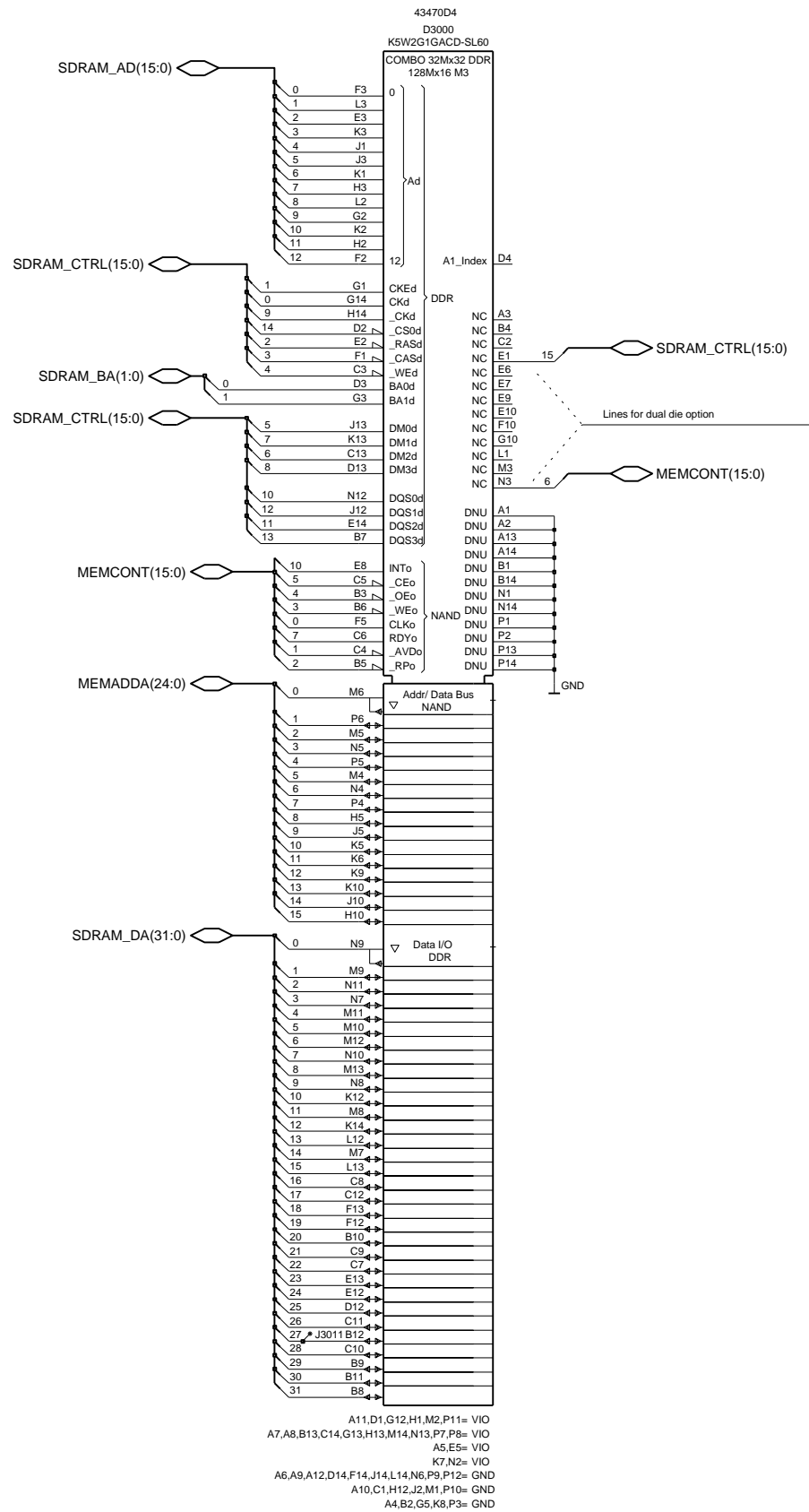
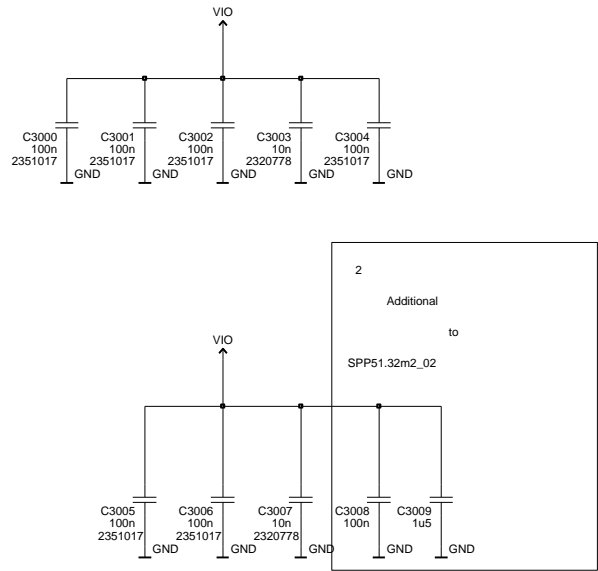
D

A

B

C

D

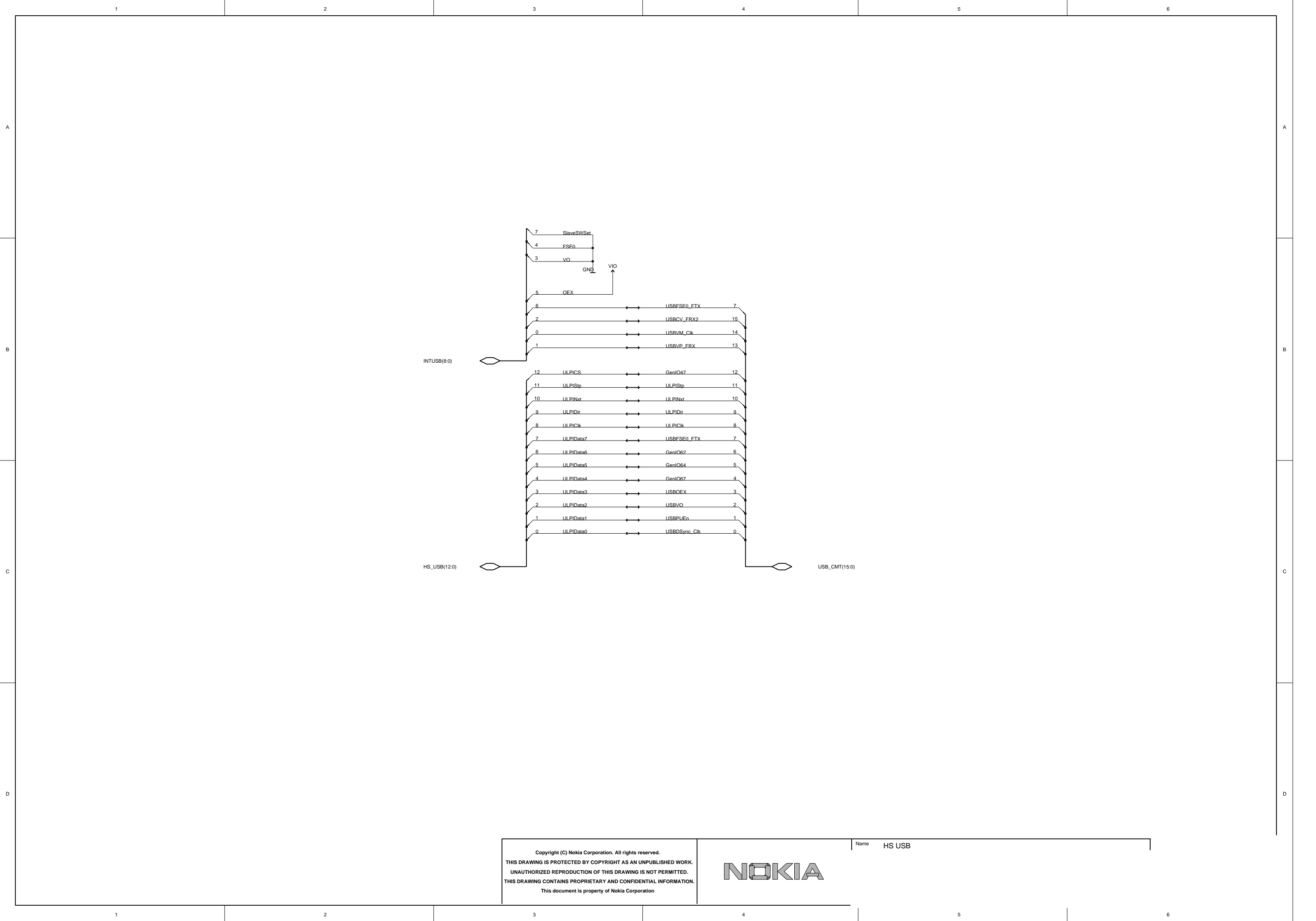


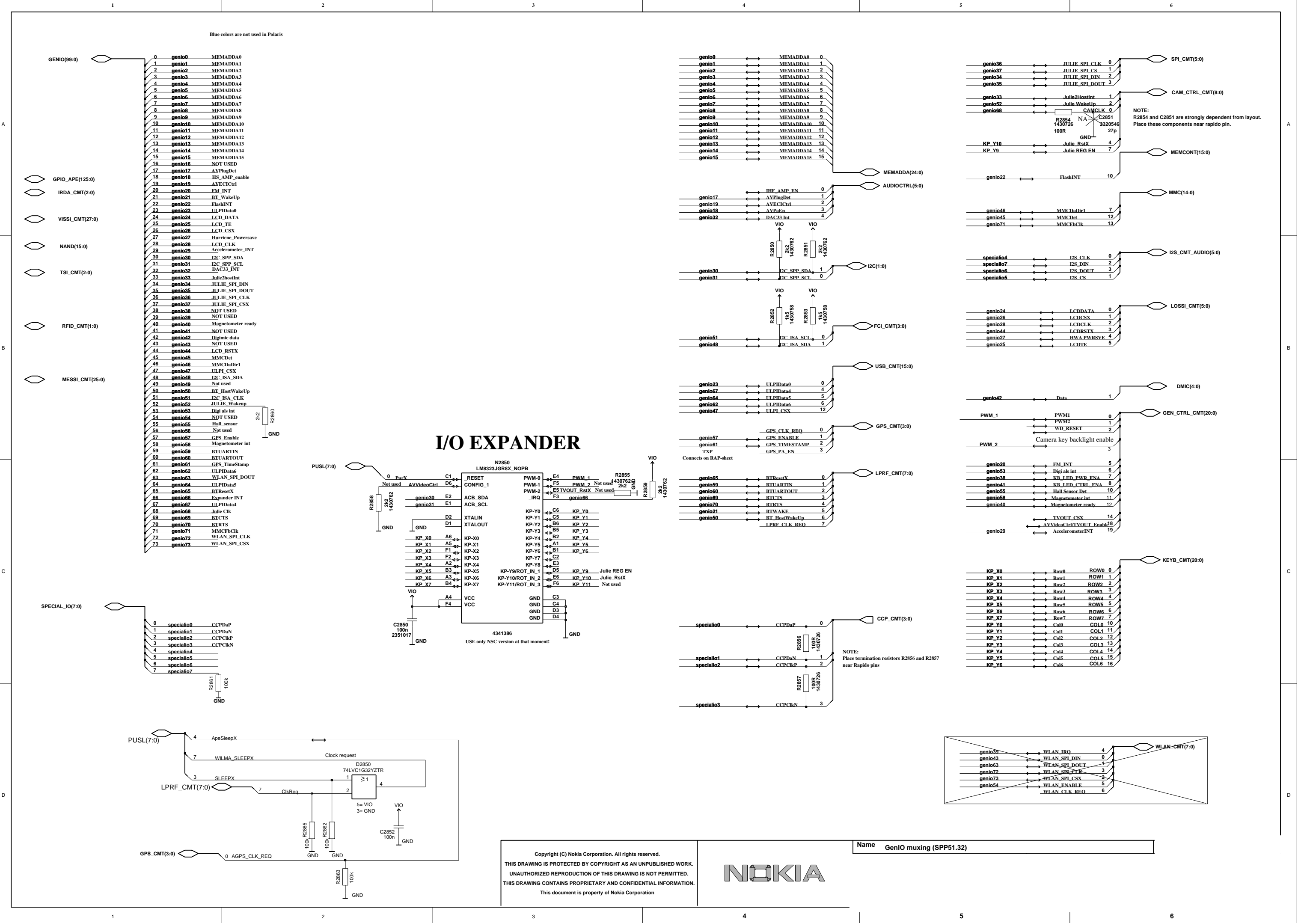
NAND(15:0)

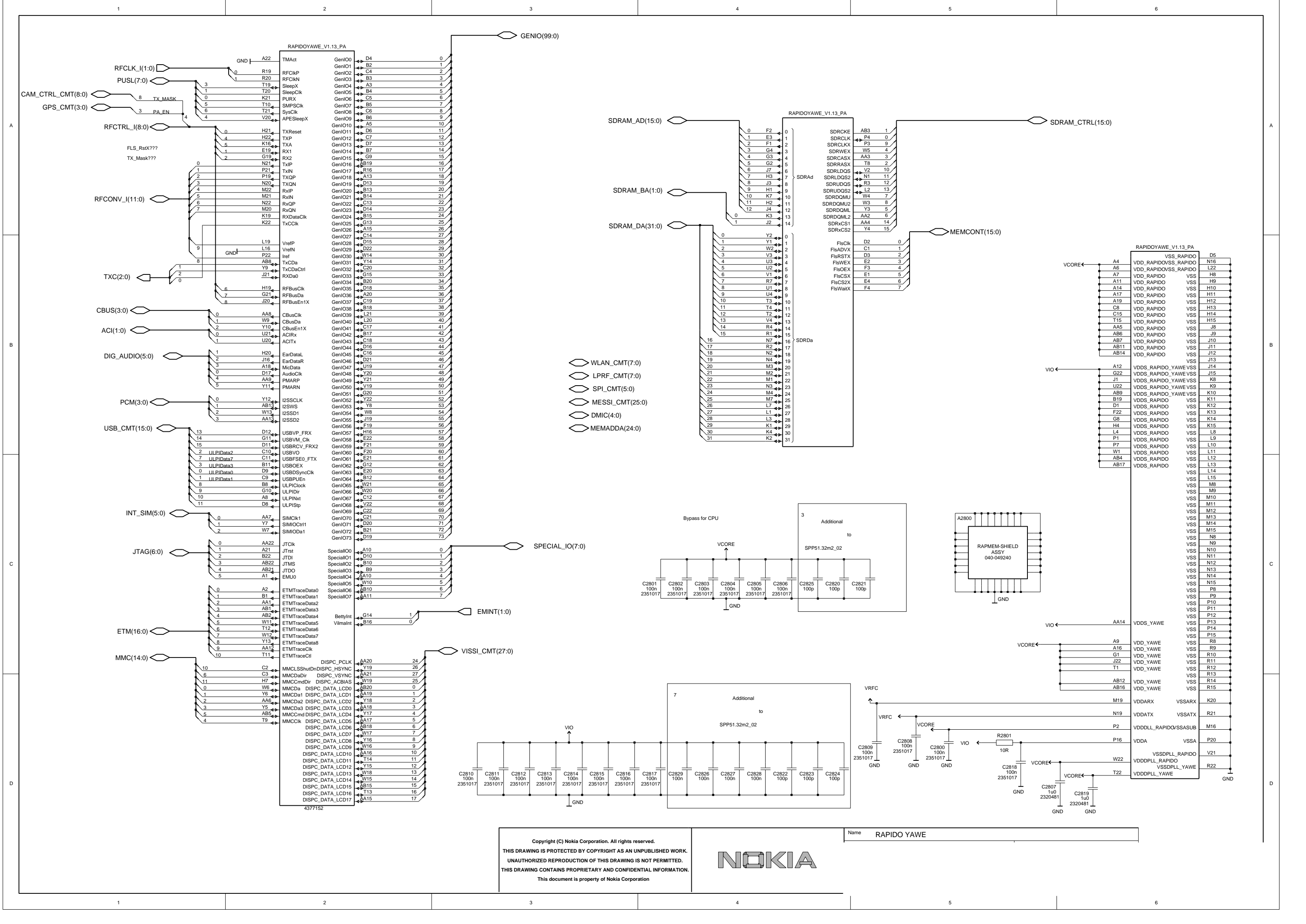
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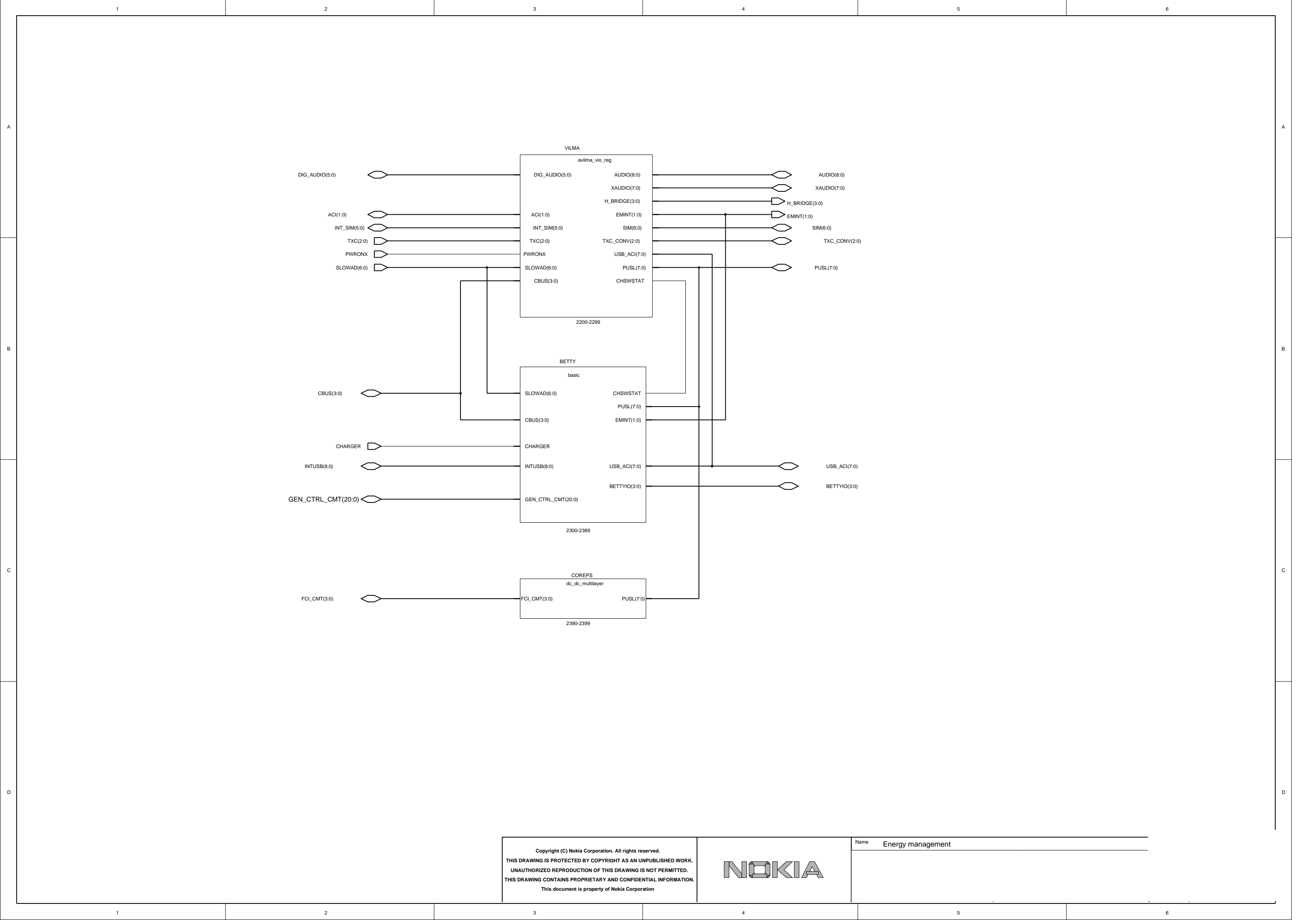


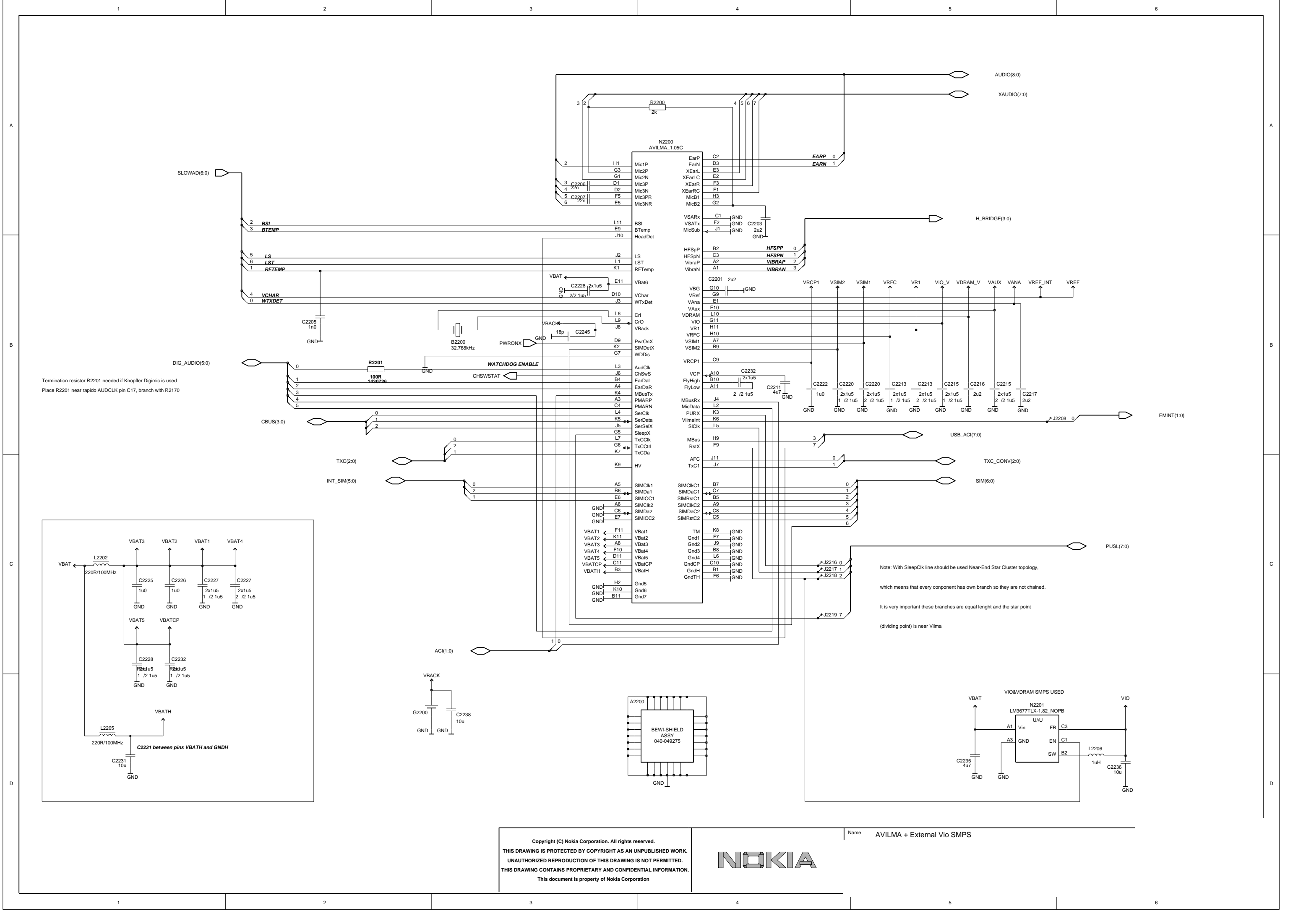
Name Combo memory M3 16 1Gb + DDR 32 512Mb





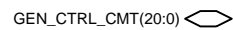


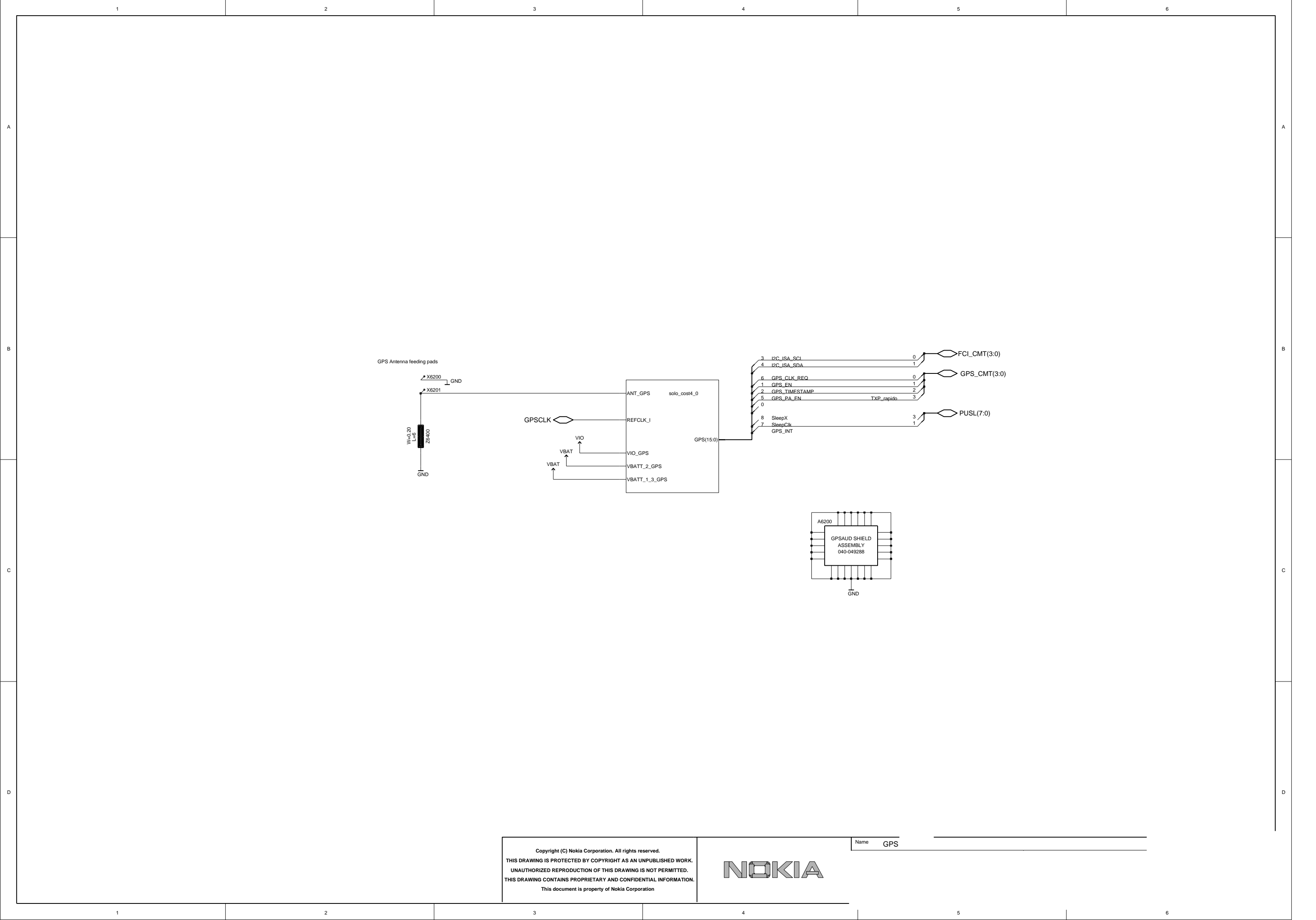


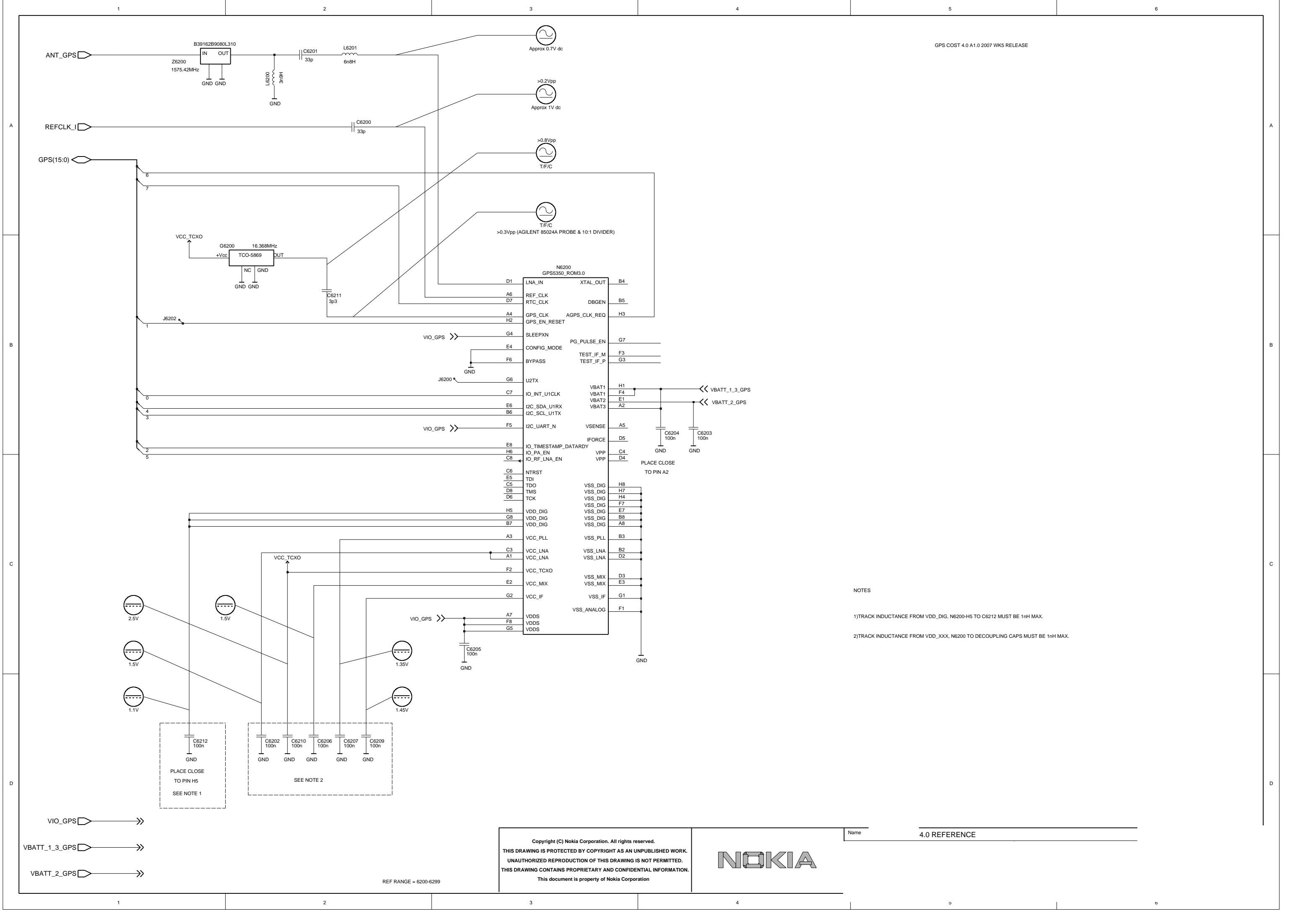


Termination resistor R2201 needed if Knopfler Digimic is used
Place R2201 near rapido AUDCLK pin C17, branch with R2170

Note: With SleepClk line should be used Near-End Star Cluster topology,
which means that every component has own branch so they are not chained.
It is very important these branches are equal length and the star point
(dividing point) is near Vilma







GPS COST 4.0 A1.0 2007 WK5 RELEASE

NOTES

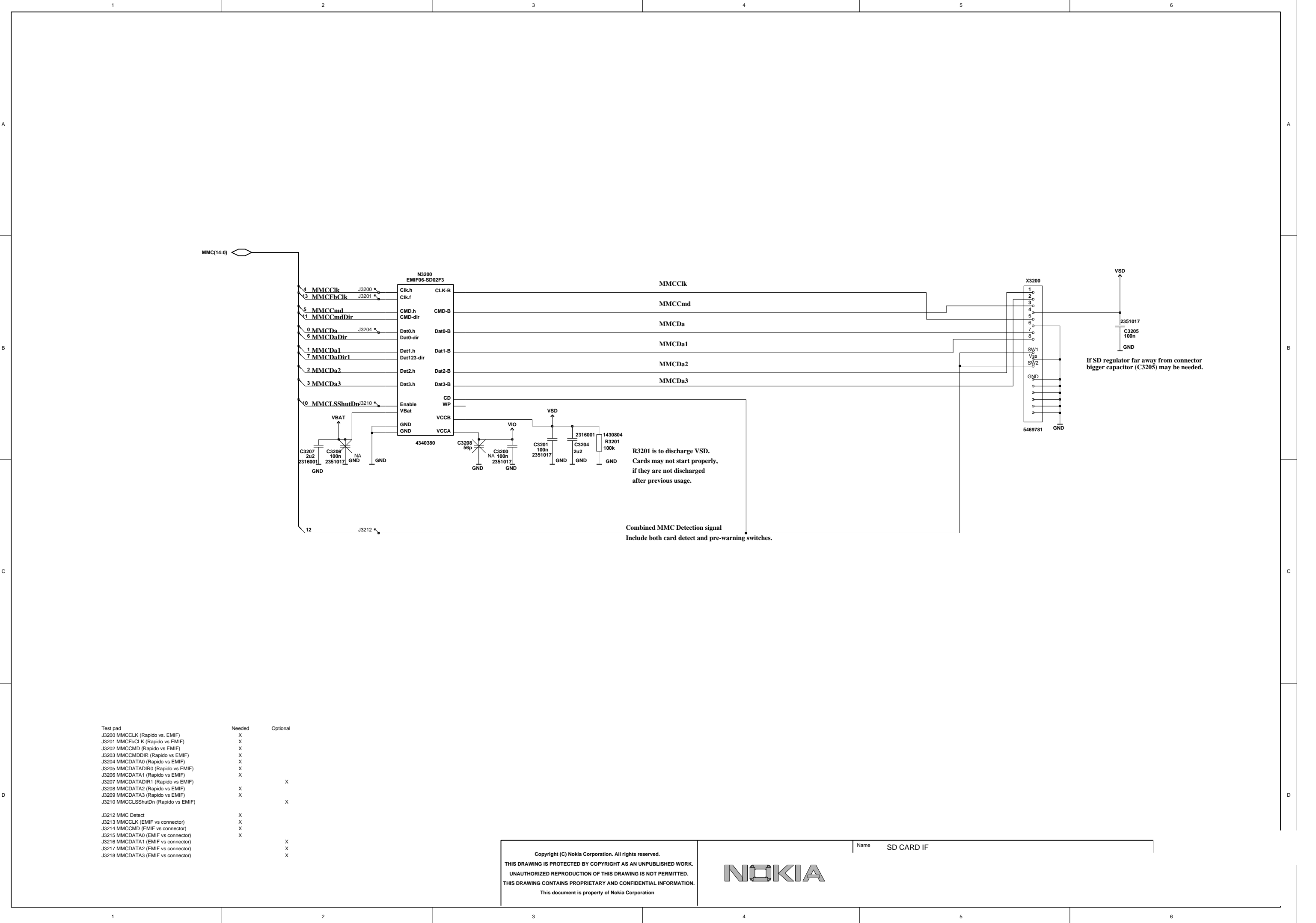
- 1) TRACK INDUCTANCE FROM VDD_DIG, N6200-H5 TO C6212 MUST BE 1nH MAX.
- 2) TRACK INDUCTANCE FROM VDD_XXX, N6200 TO DECOUPLING CAPS MUST BE 1nH MAX.

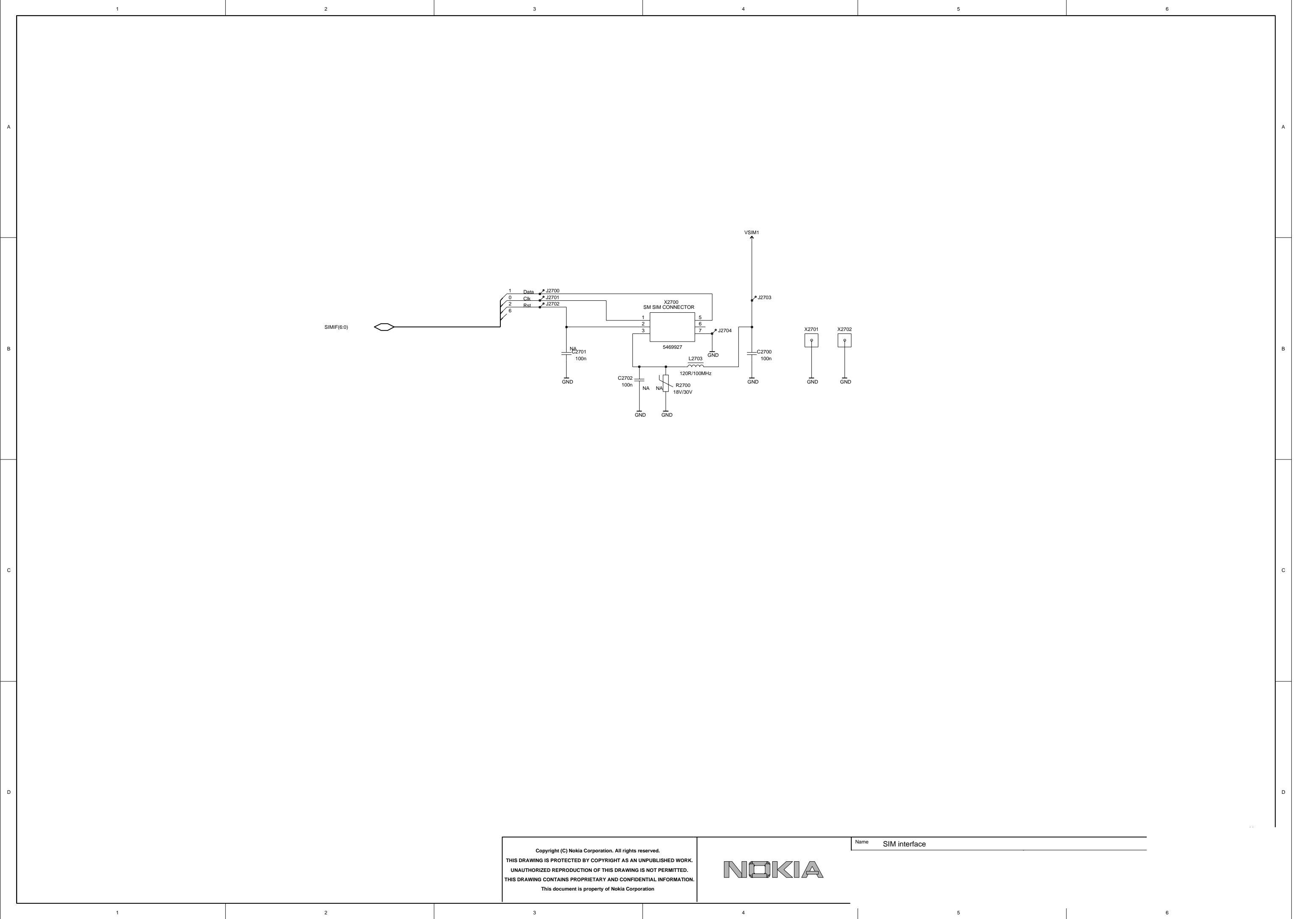
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Name 4.0 REFERENCE

REF RANGE = 6200-6299





A

B

C

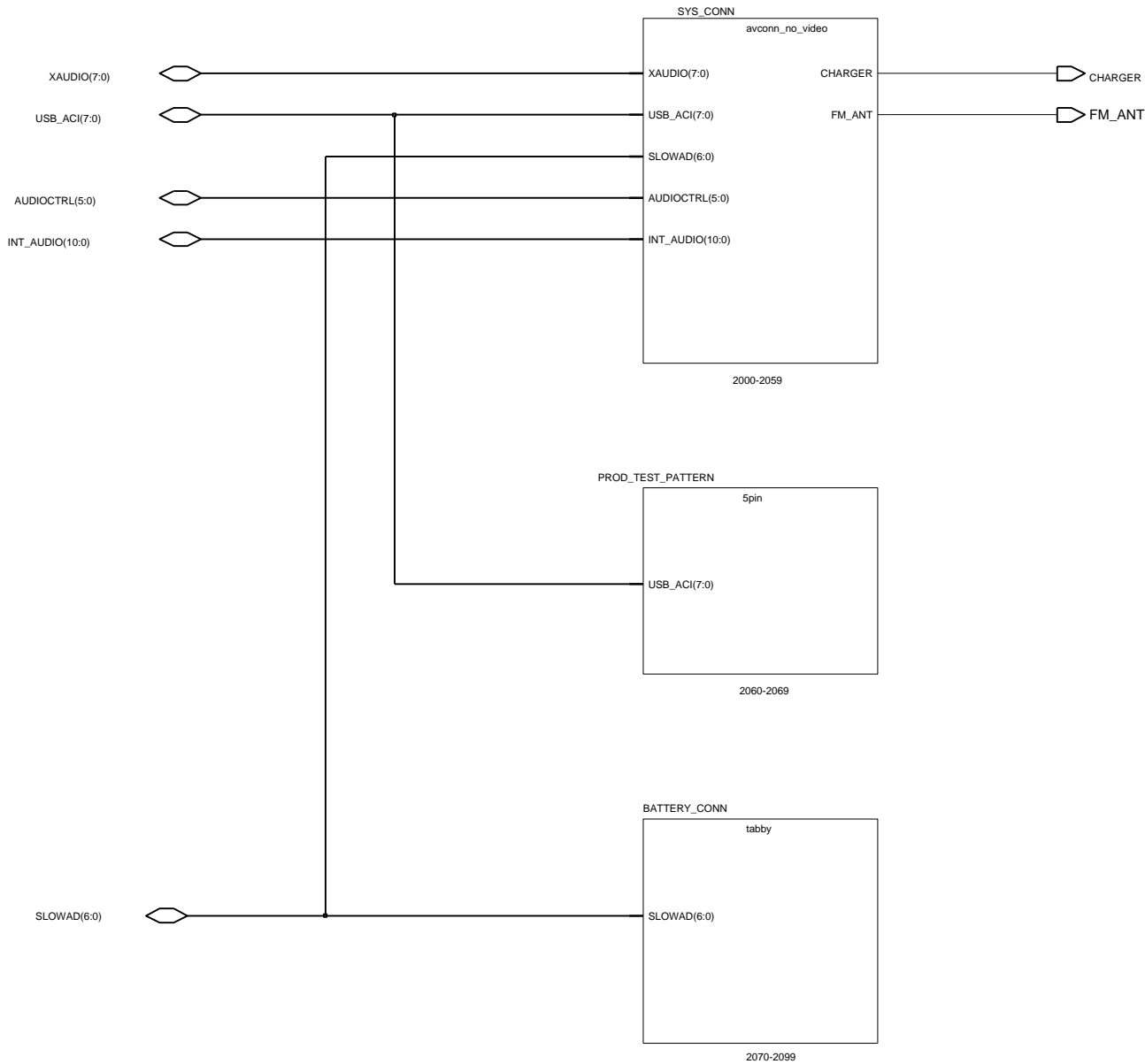
D

A

B

C

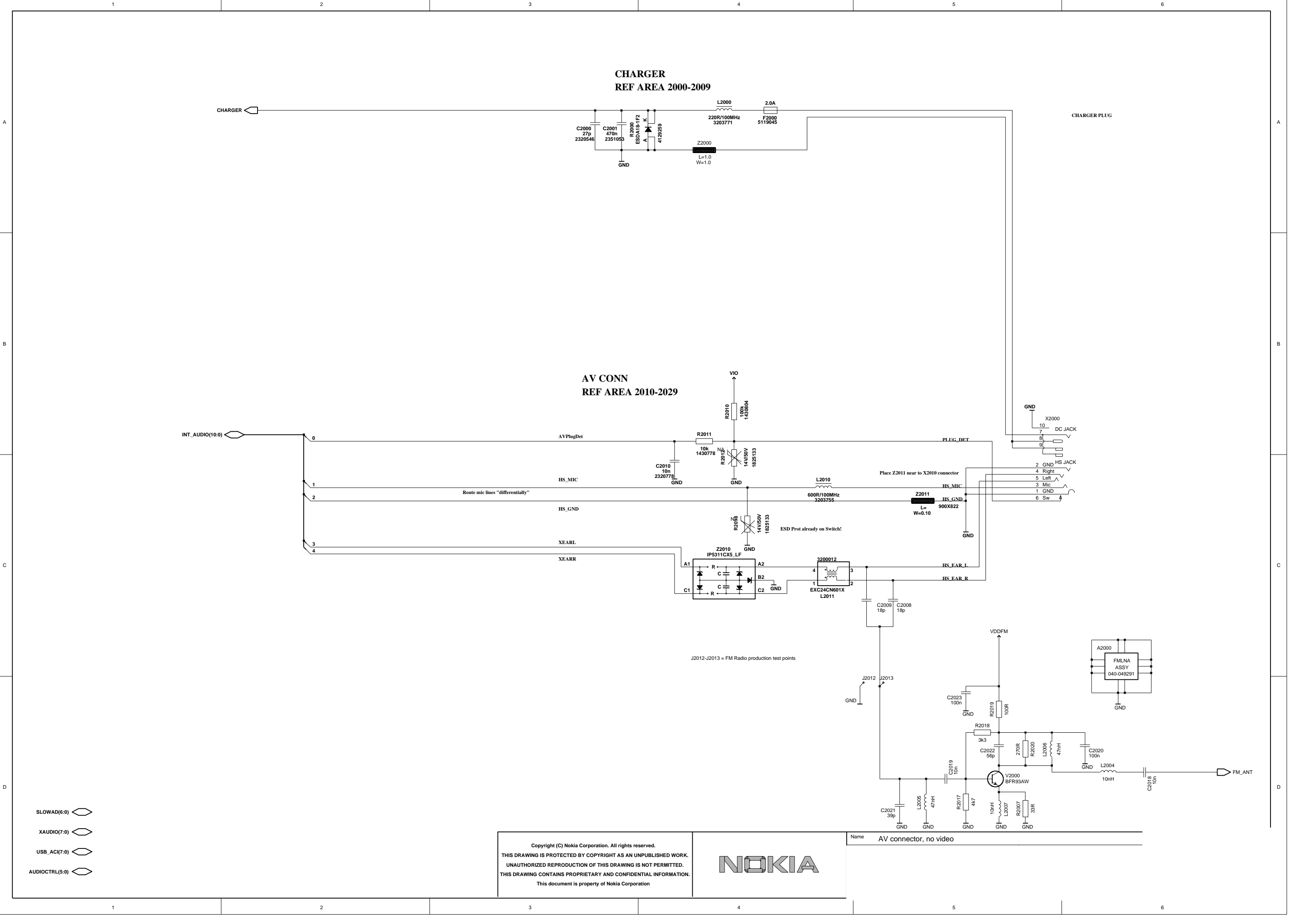
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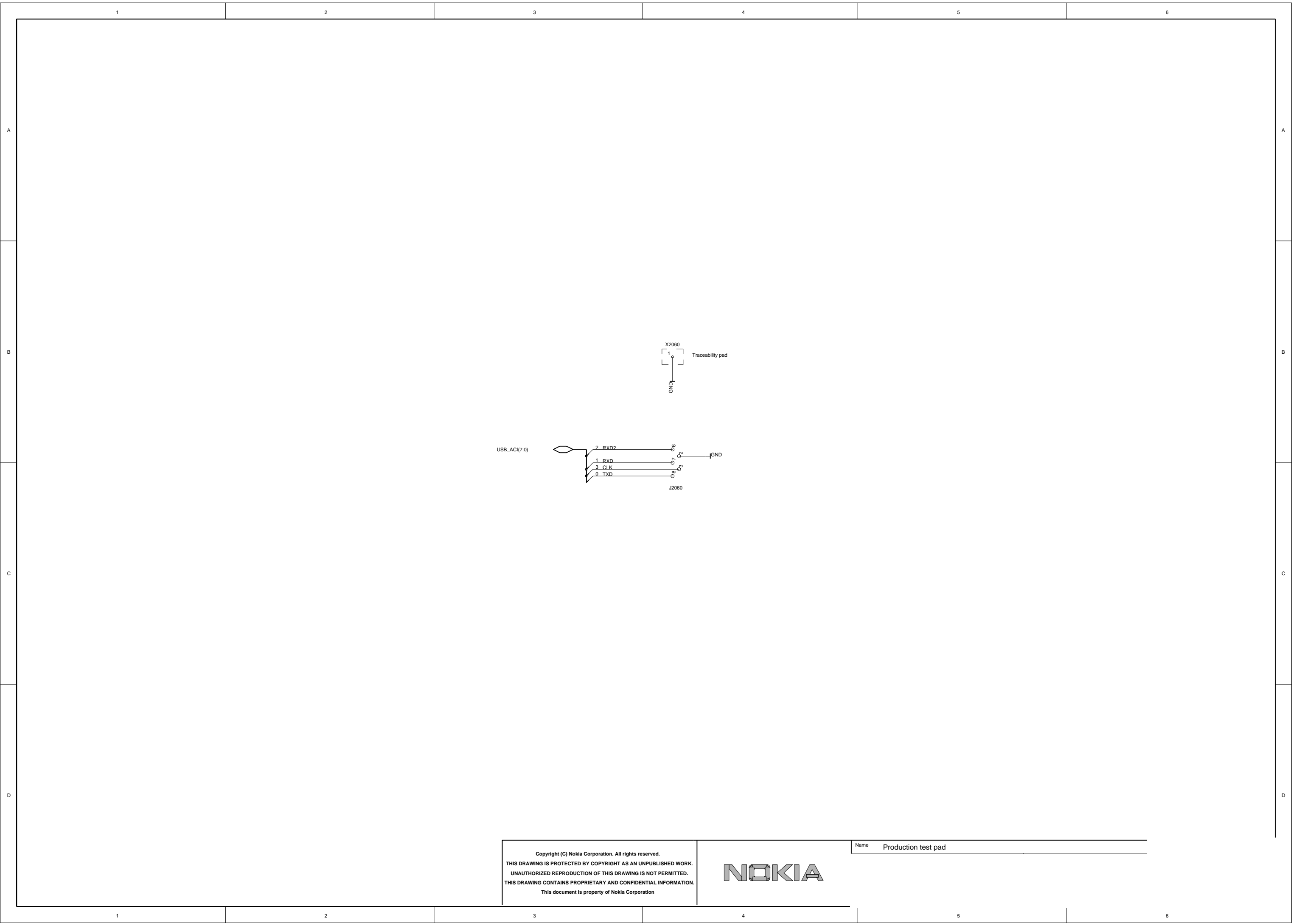
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Name System and battery connector



- SLOWAD(6:0)
- XAUDIO(7:0)
- USB_ACI(7:0)
- AUDIOCTRL(5:0)



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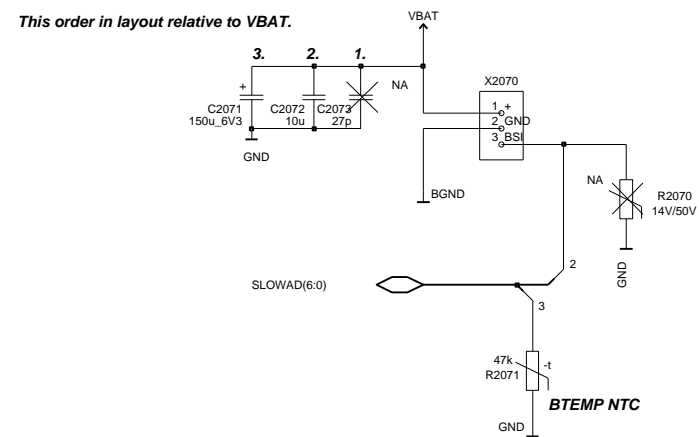
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Name

Production test pad



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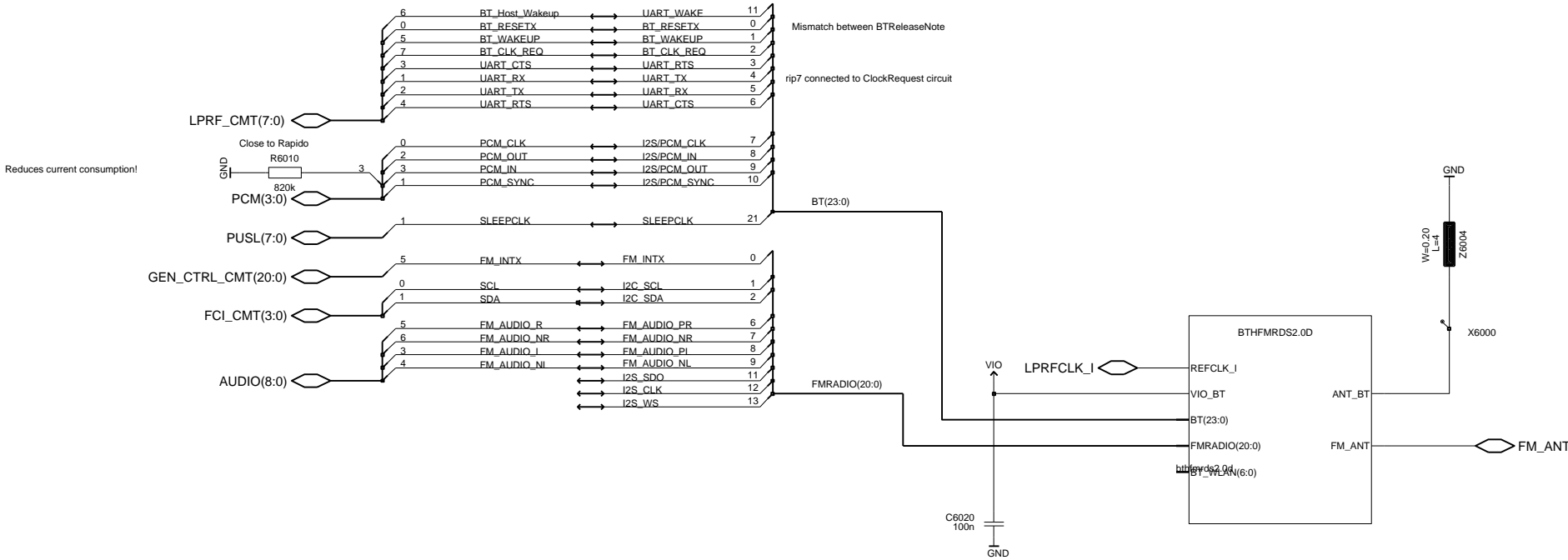
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Name	Battery Connector
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BT_ANT
WLAN_BT(6:0)
CBUS(3:0)



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

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NOKIA

Name Bluetooth - FM RDS

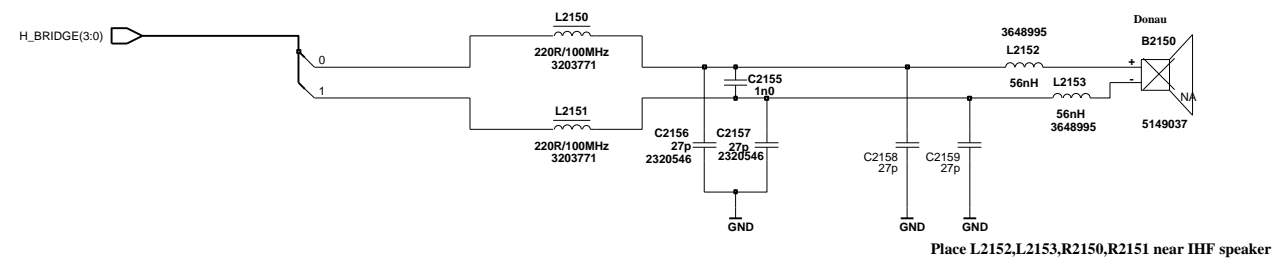
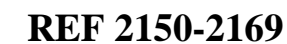
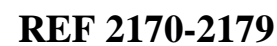
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Name	BTFM RDS 2.0D (2+4+2)
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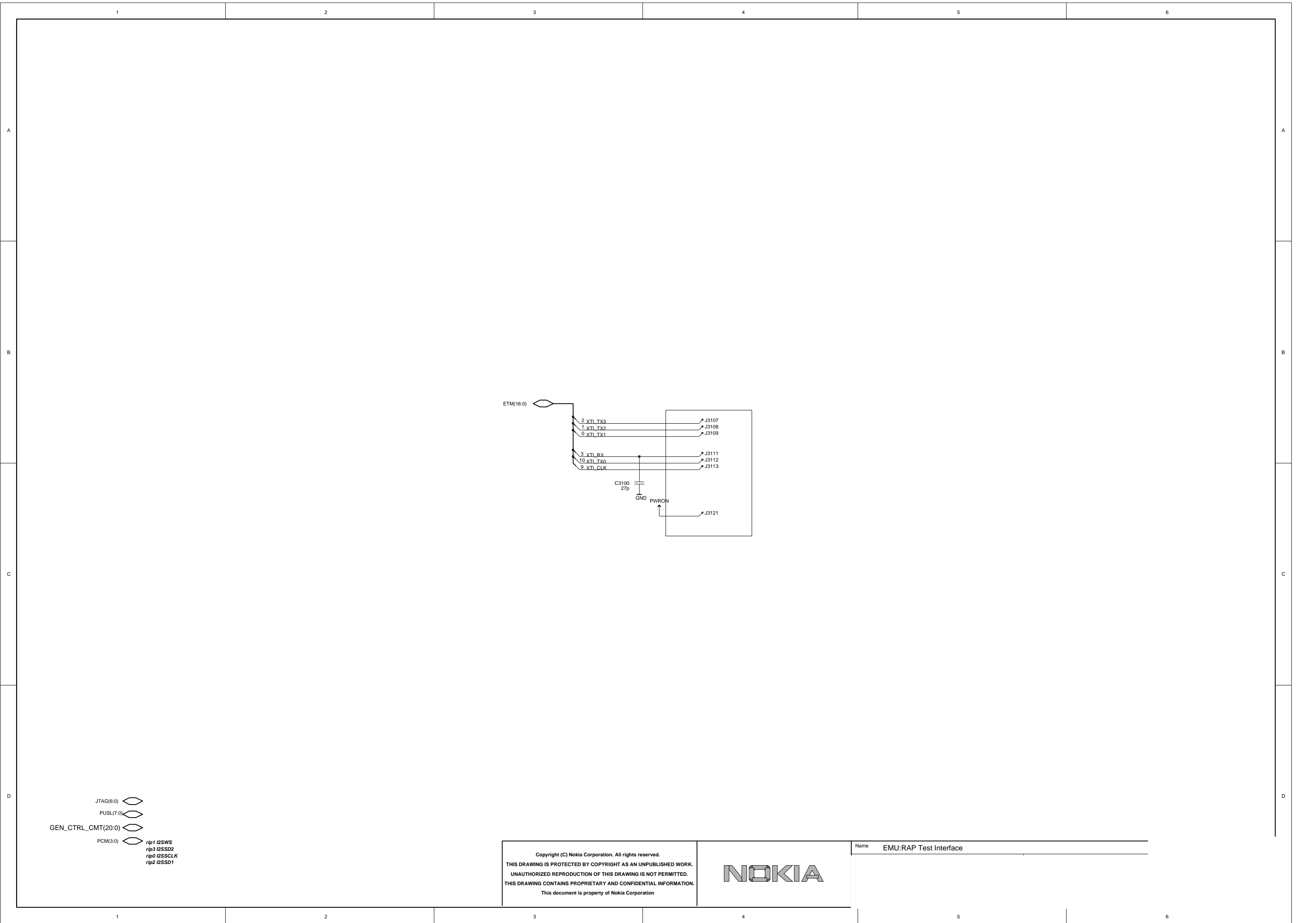
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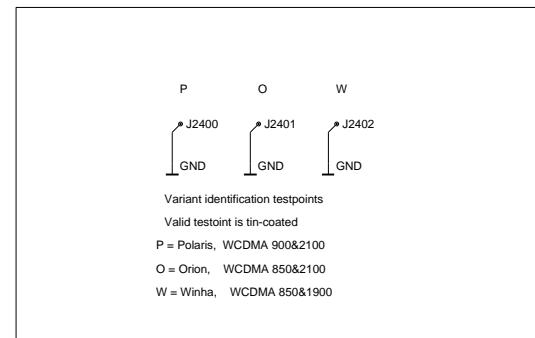
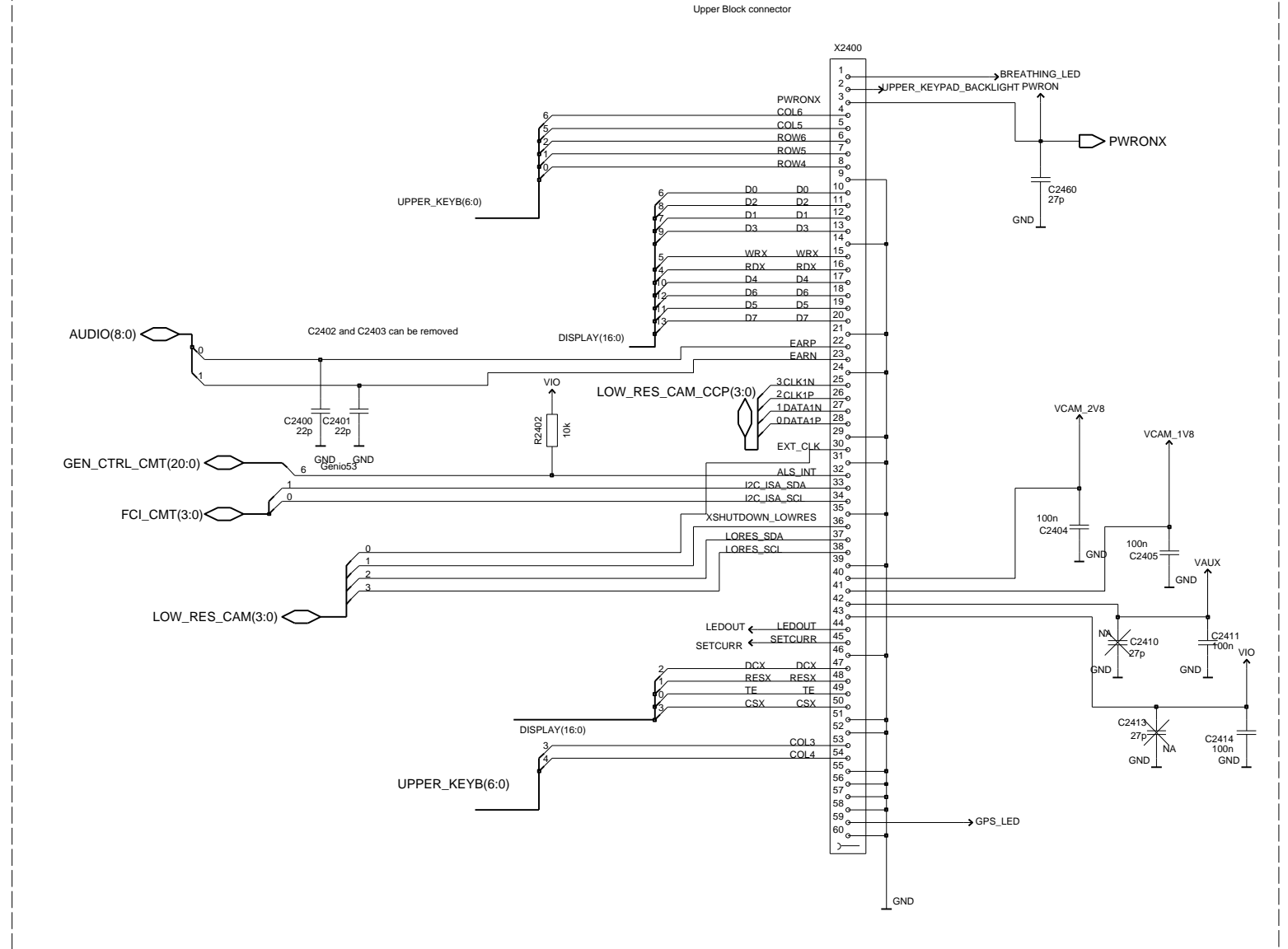
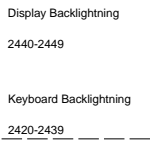
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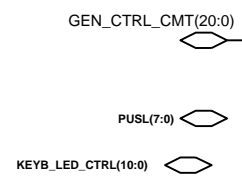
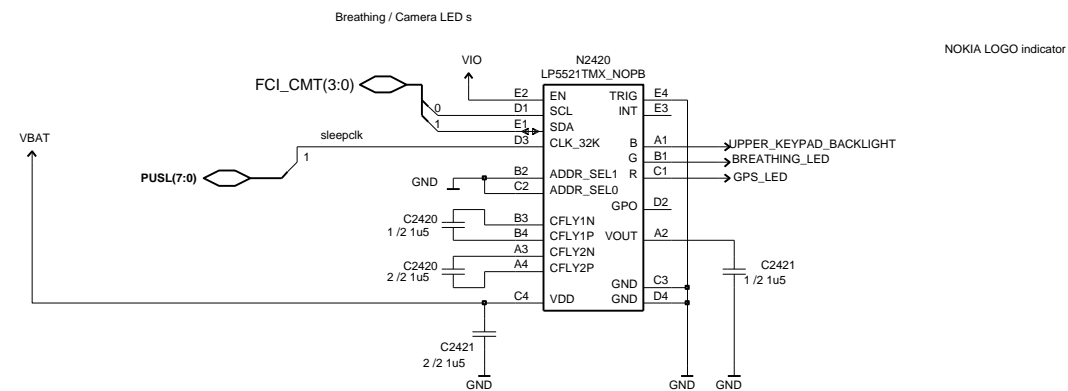
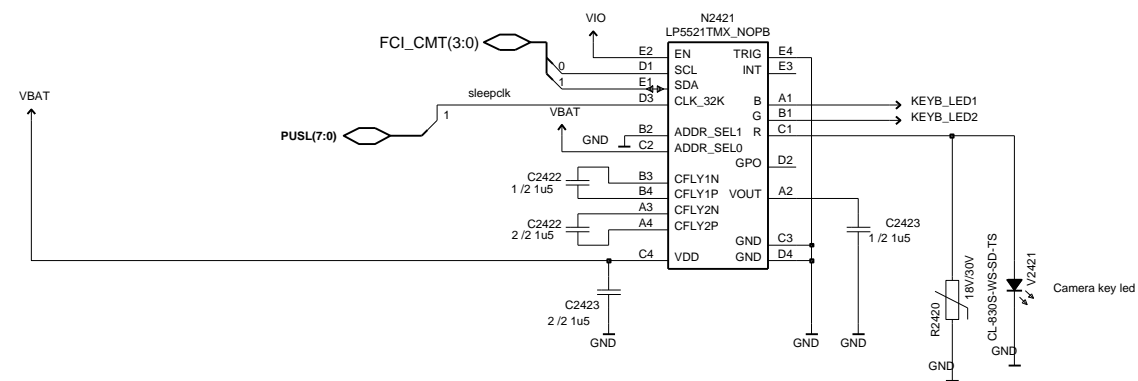
NOKIA

Name	Audio sheet with DAC33
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Name	UI TOP level
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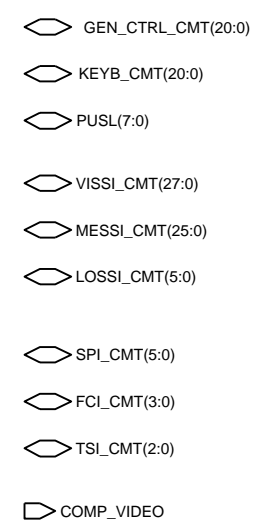
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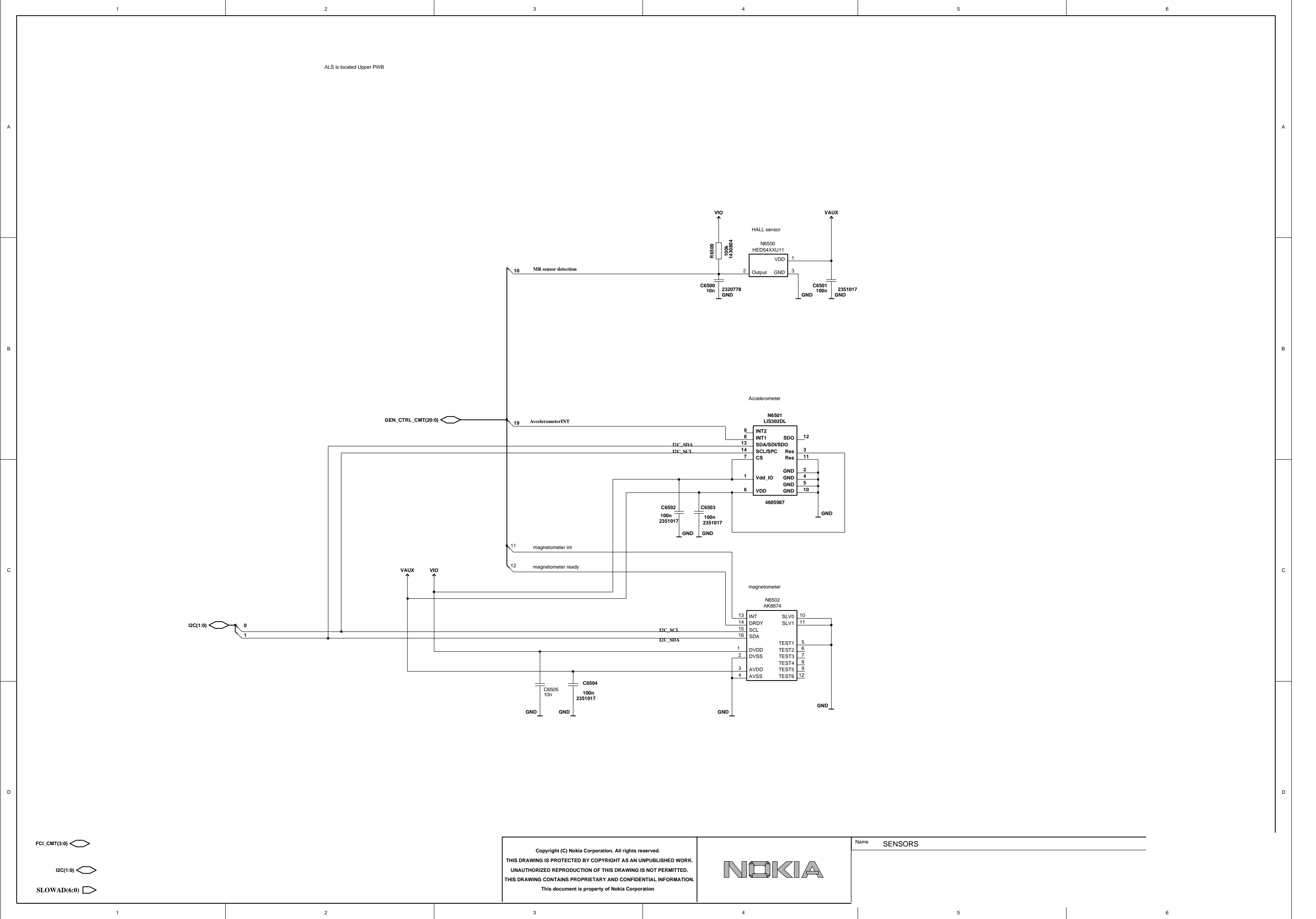
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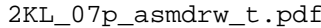
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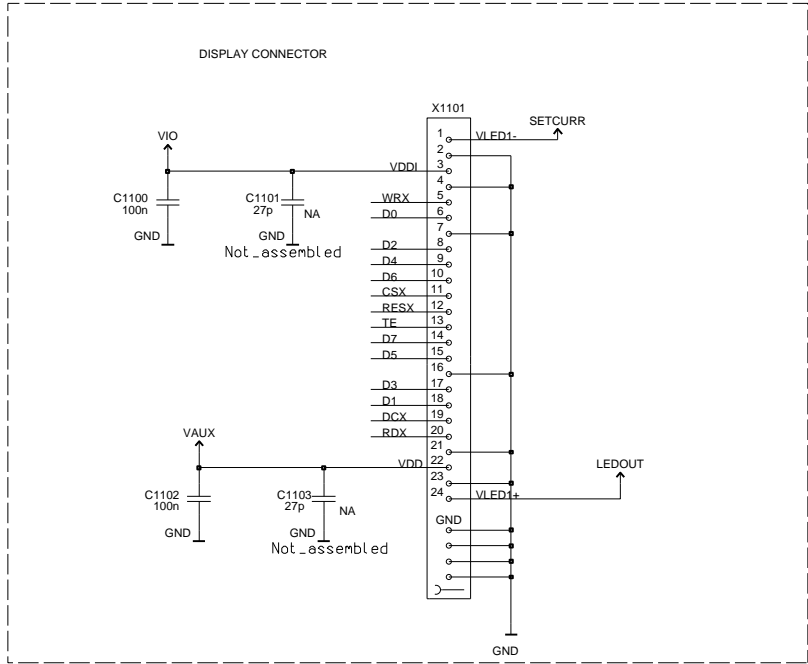
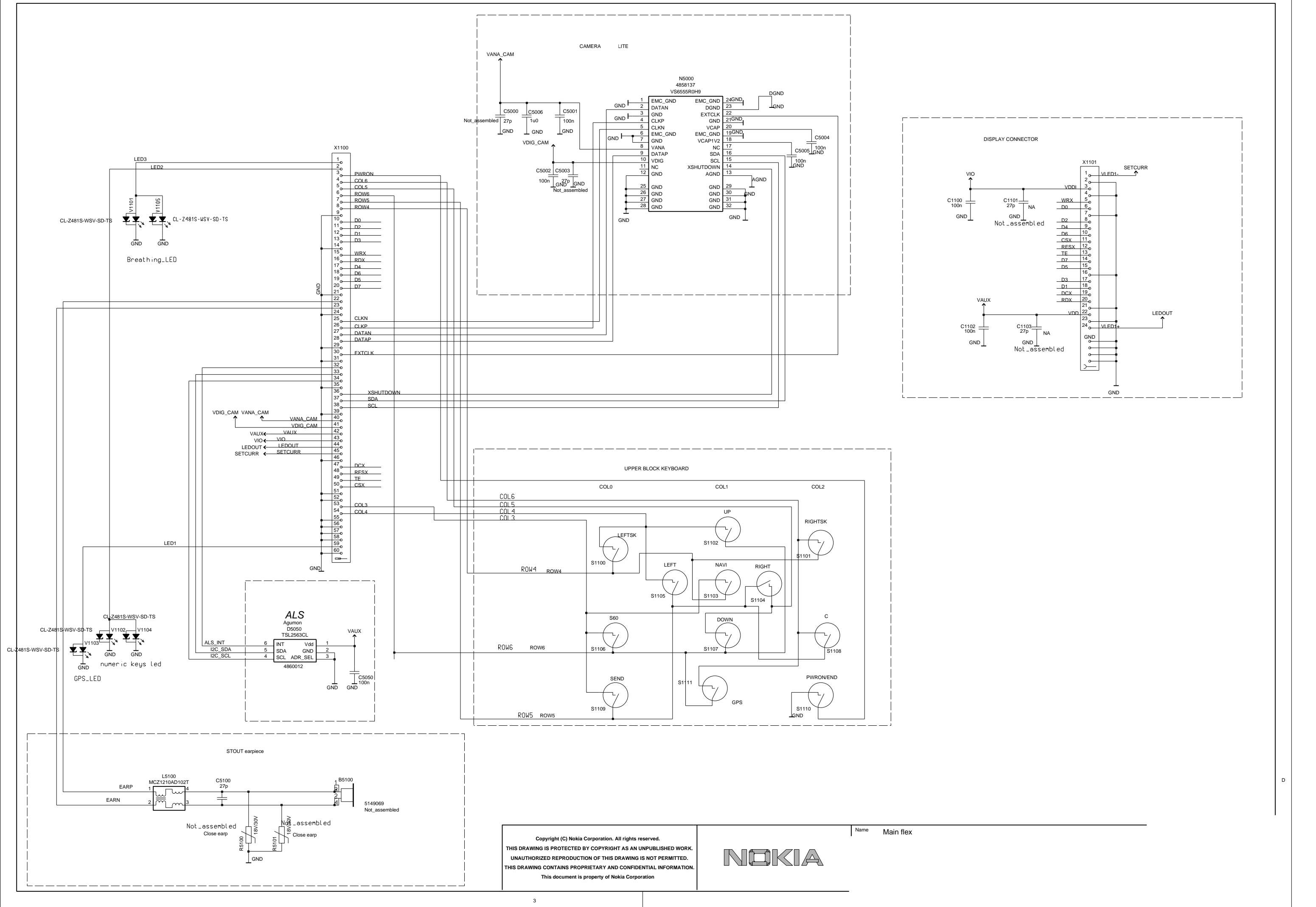


Name	Keyboard backlighting
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Name Main flex

