

Nokia Customer Care

Service Manual

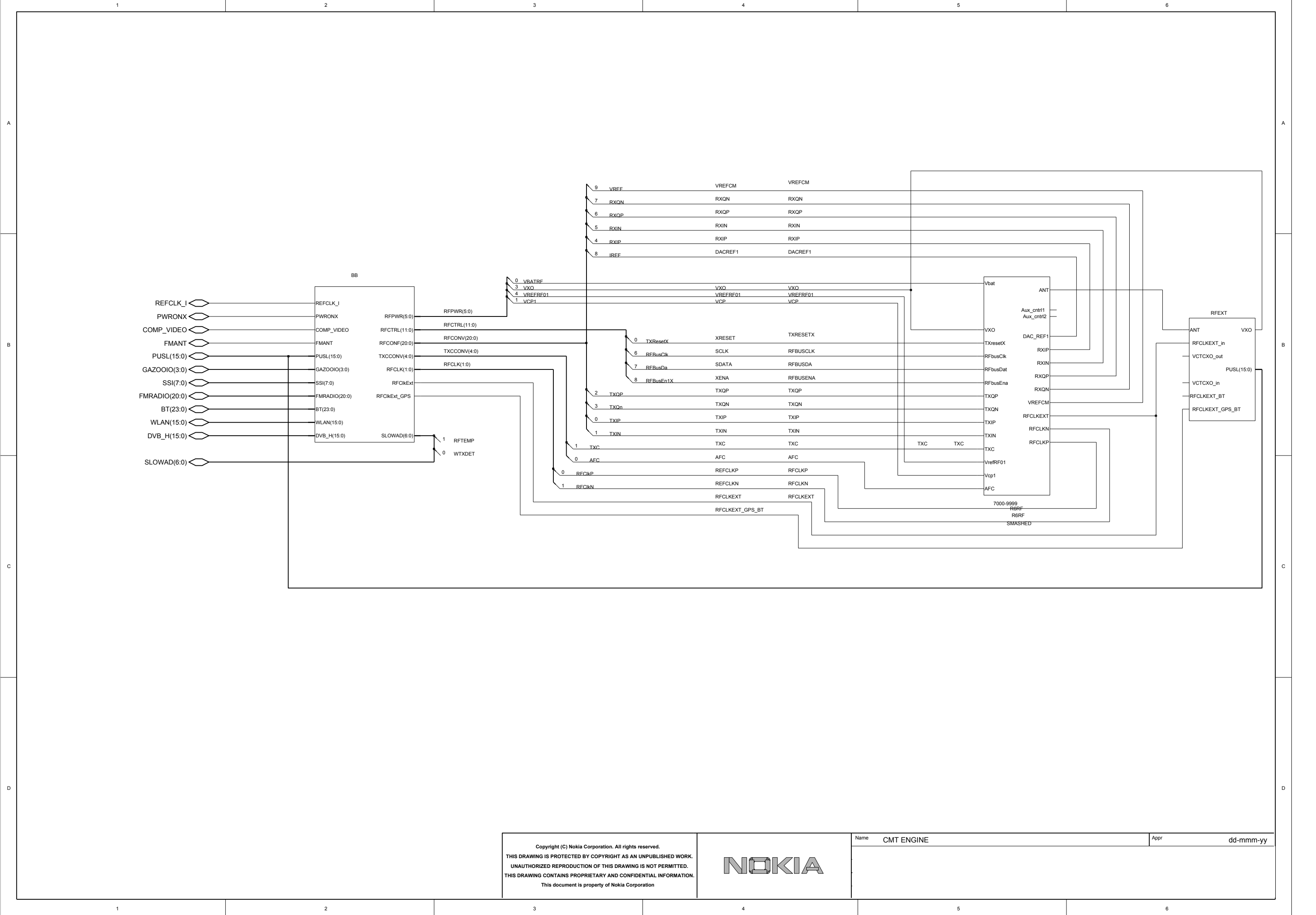
RM-547; RM-566 (Nokia 6730 classic; L3&4)

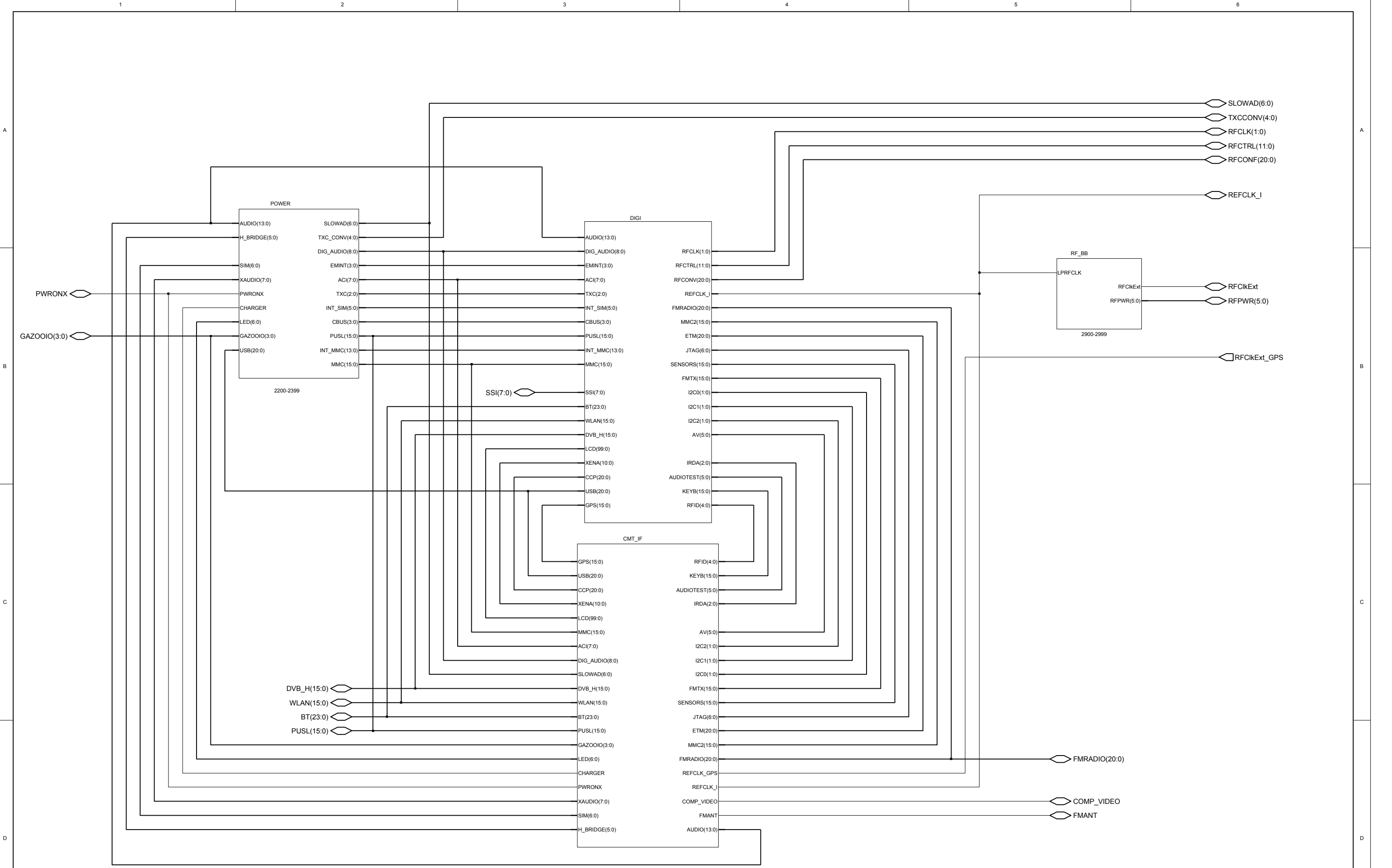
Schematics

Part No: (Issue 1)

COMPANY CONFIDENTIAL



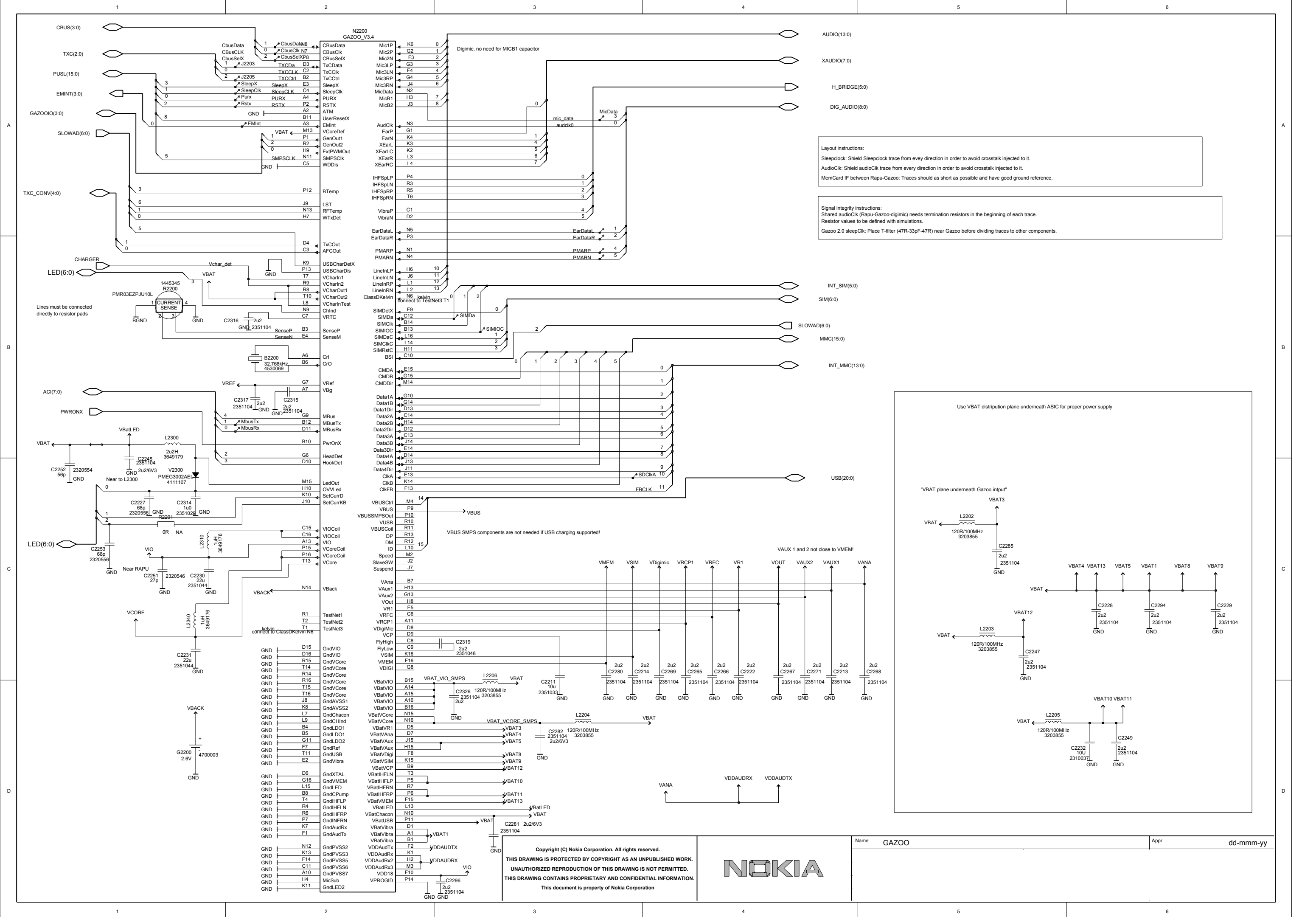


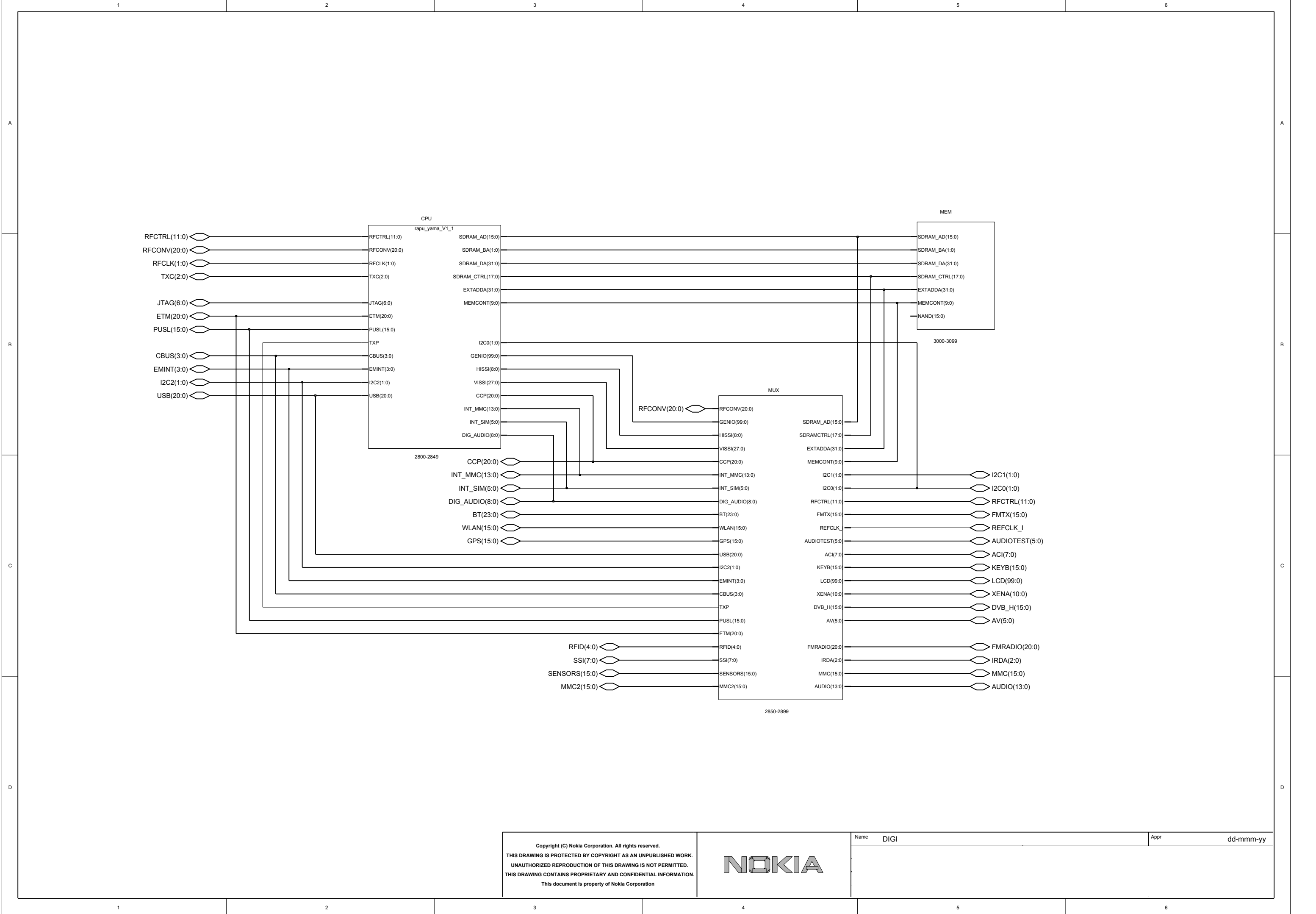


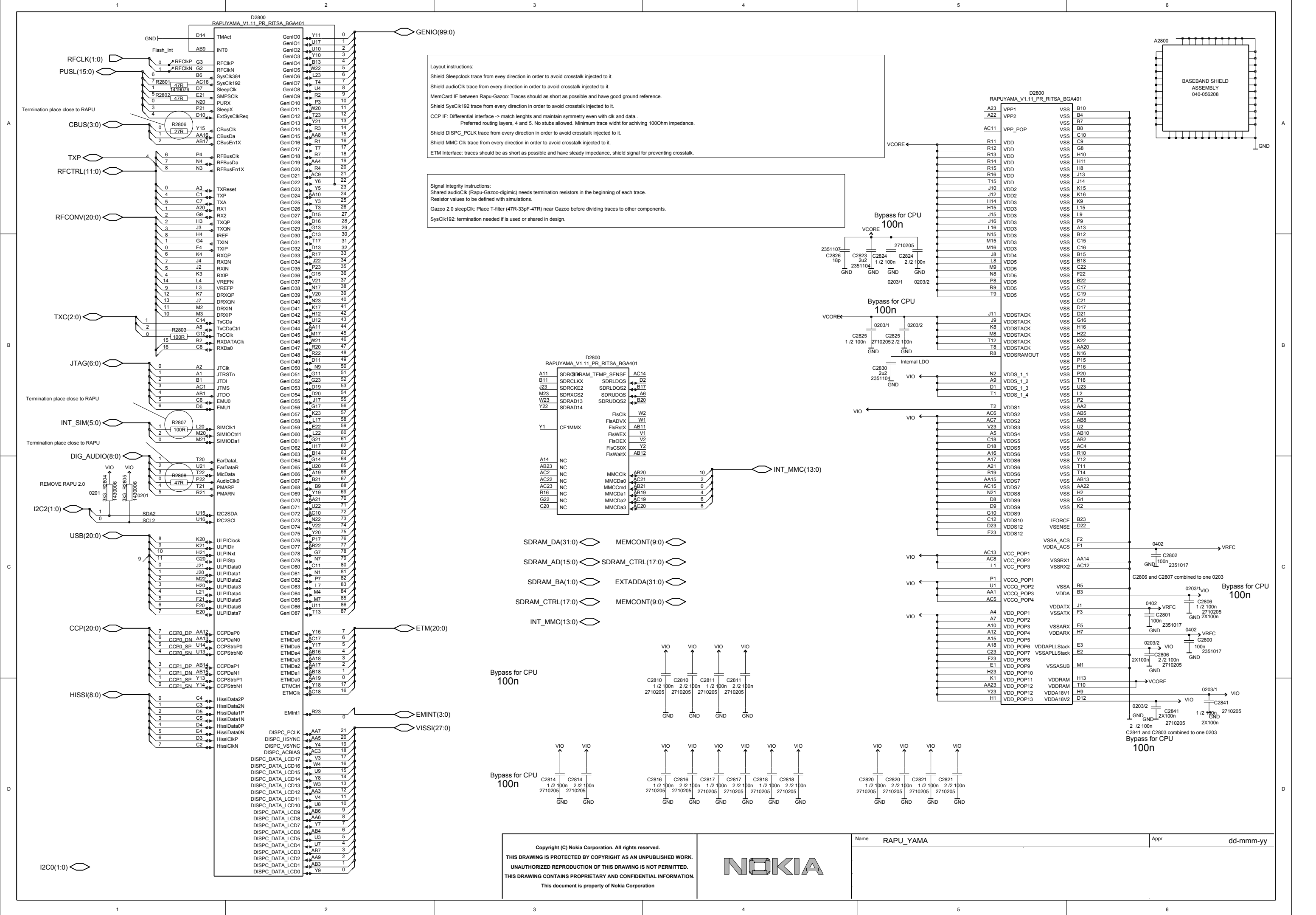
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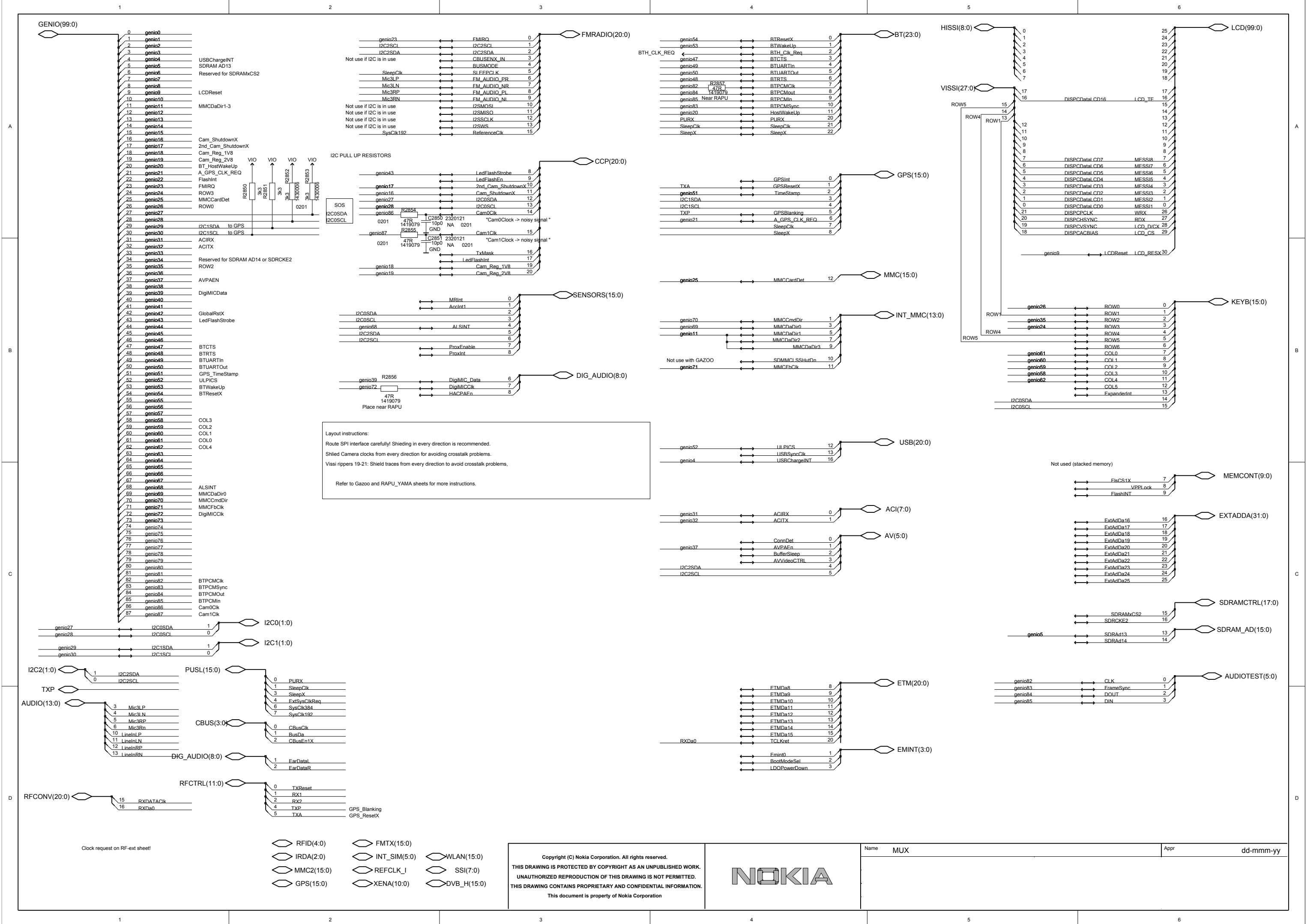


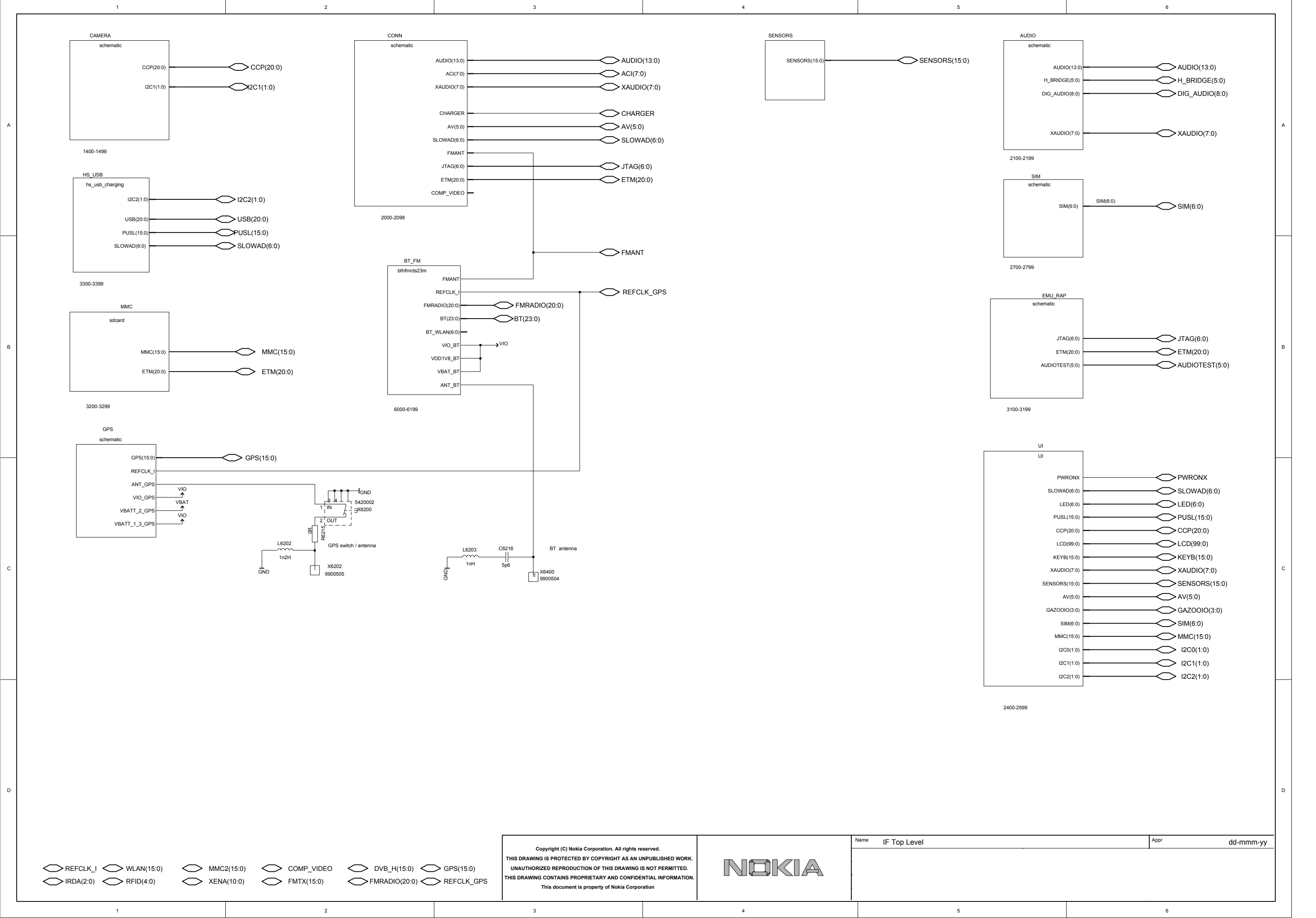
Name BB TOP LEVEL Appr dd-mm-yy







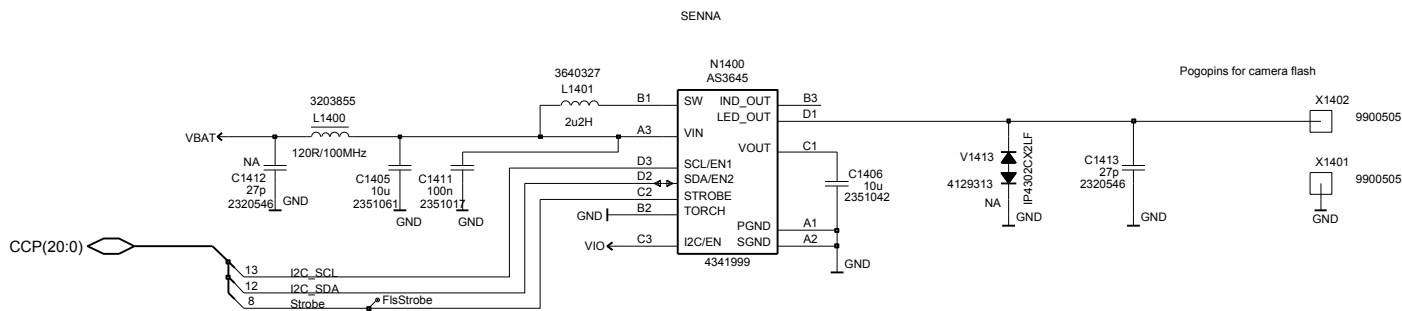
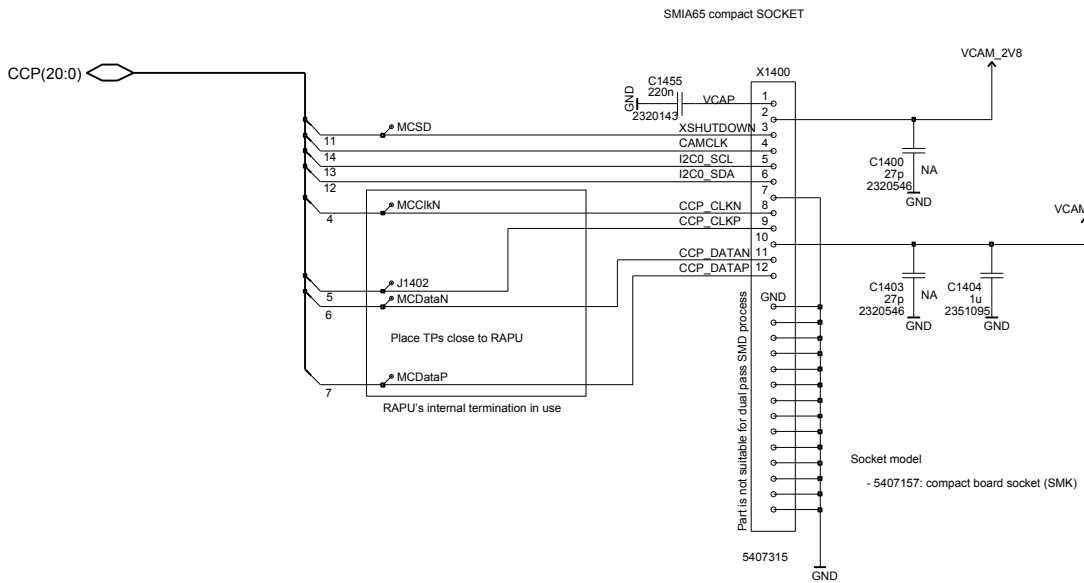
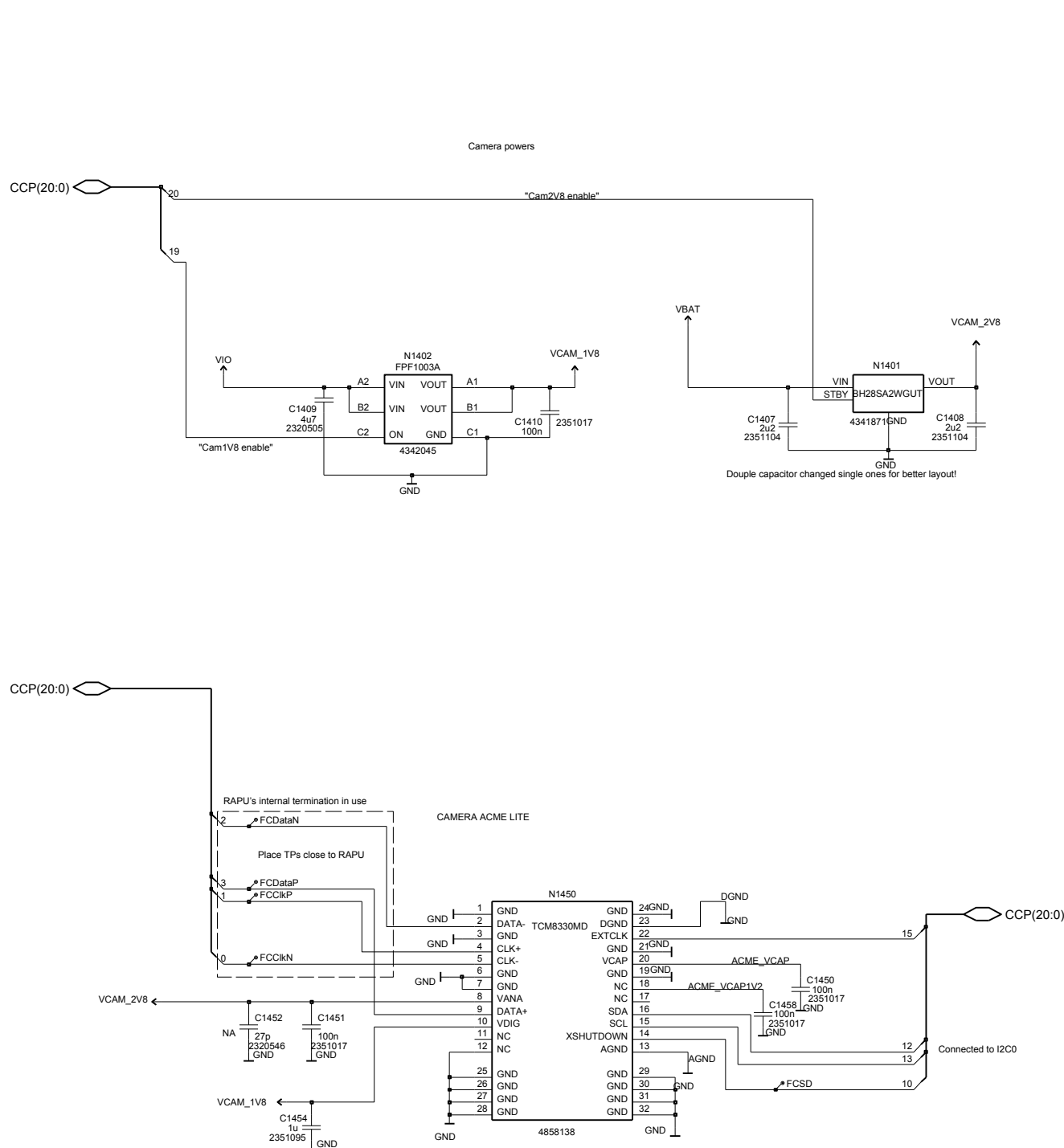




Layout instructions:

CCP IF: Differential interface -> match lengths and maintain symmetry even with clk and data..
Preferred routing layers, 4 and 5. No stubs allowed. Minimum trace width for achieving 100Ohm impedance.
Shield Camera clocks from every direction for avoiding crosstalk problems.

3MPIX SMIA65 CAMERA + DRIPSTONE FLASH



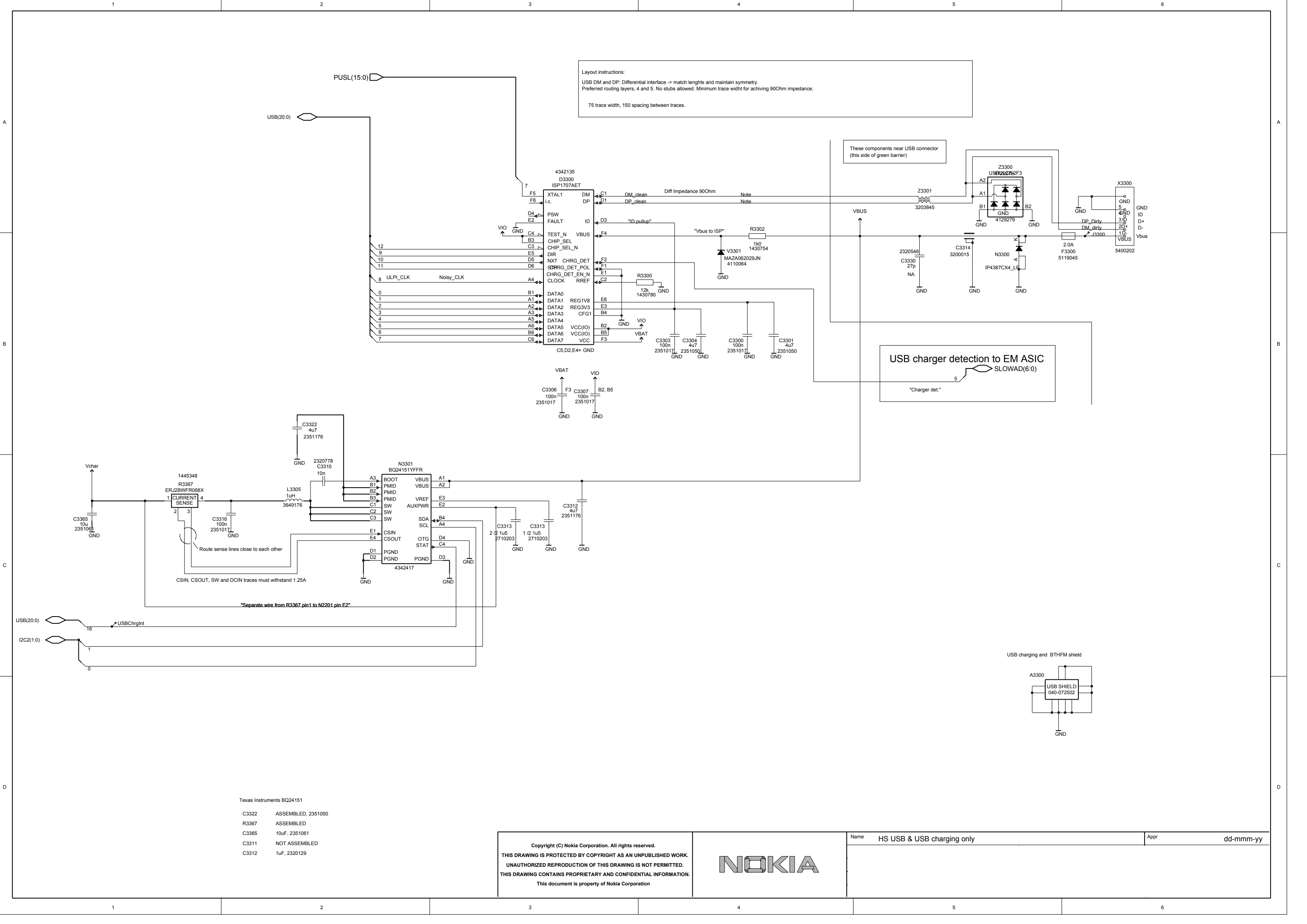
I2C1(1:0)

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NOKIA

Name Schematic for Cameras

Appr dd-mm-yy



Layout instructions:
USB DM and DP: Differential interface -> match lengths and maintain symmetry.
Preferred routing layers, 4 and 5. No stubs allowed. Minimum trace width for achieving 90Ohm impedance.
75 trace width, 150 spacing between traces.

These components near USB connector
(this side of green barrier)

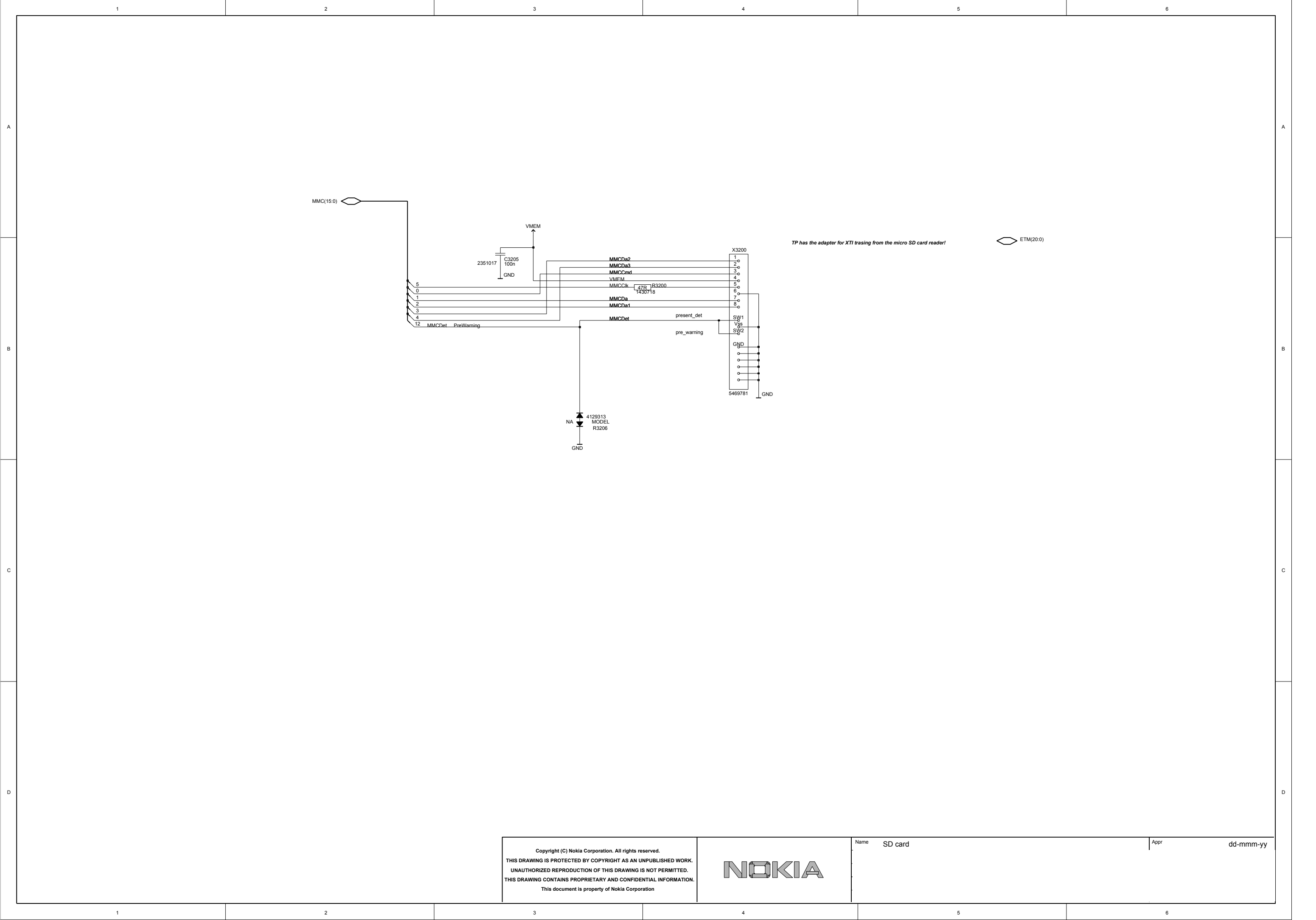
USB charger detection to EM ASIC
SLOWAD(6:0)
"Charger det."

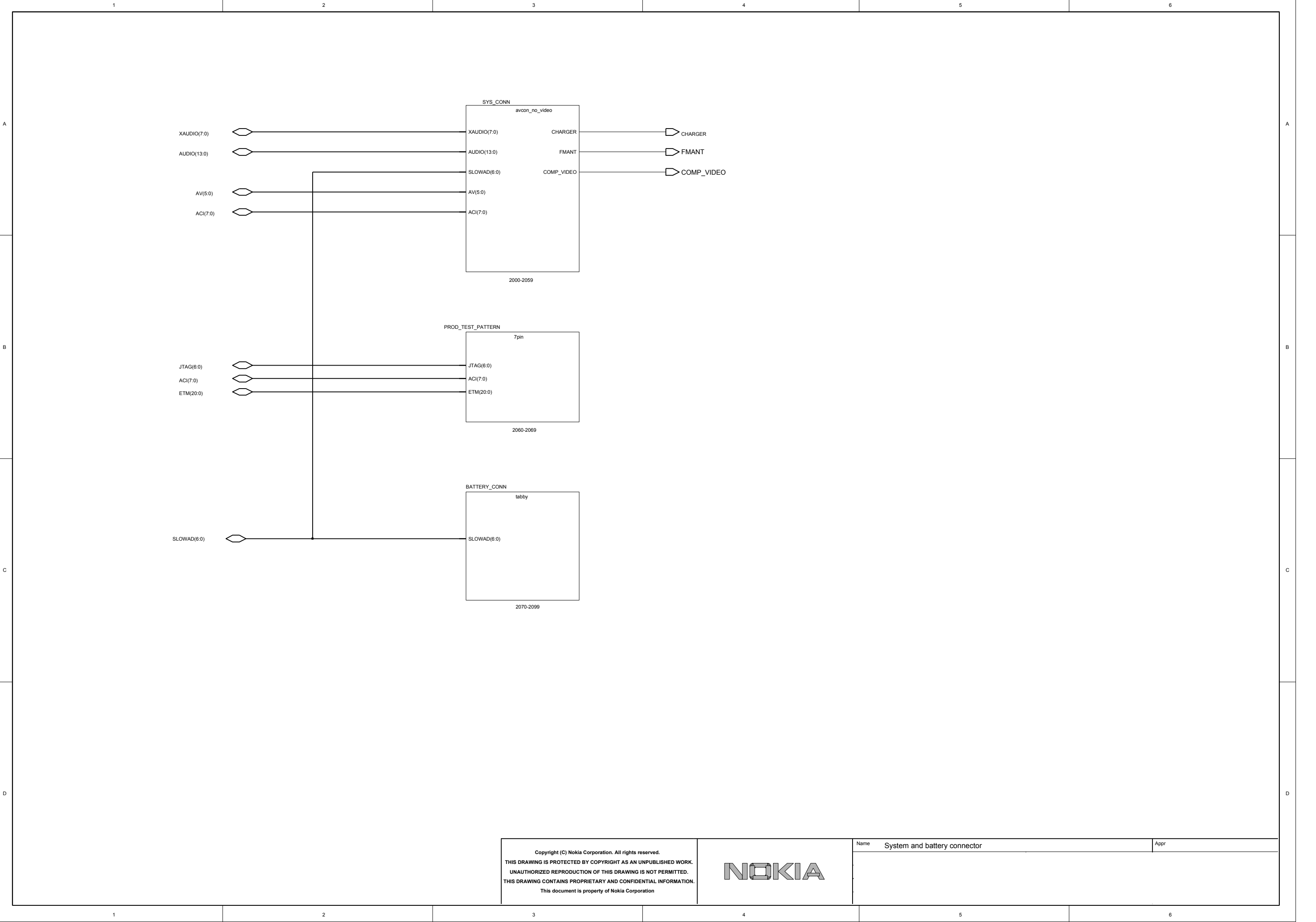
Texas Instruments BQ24151
C3322 ASSEMBLED, 2351050
R3367 ASSEMBLED
C3365 10uF, 2351061
C3311 NOT ASSEMBLED
C3312 1uF, 2320129

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Name HS USB & USB charging only
Appr dd-mmm-yy



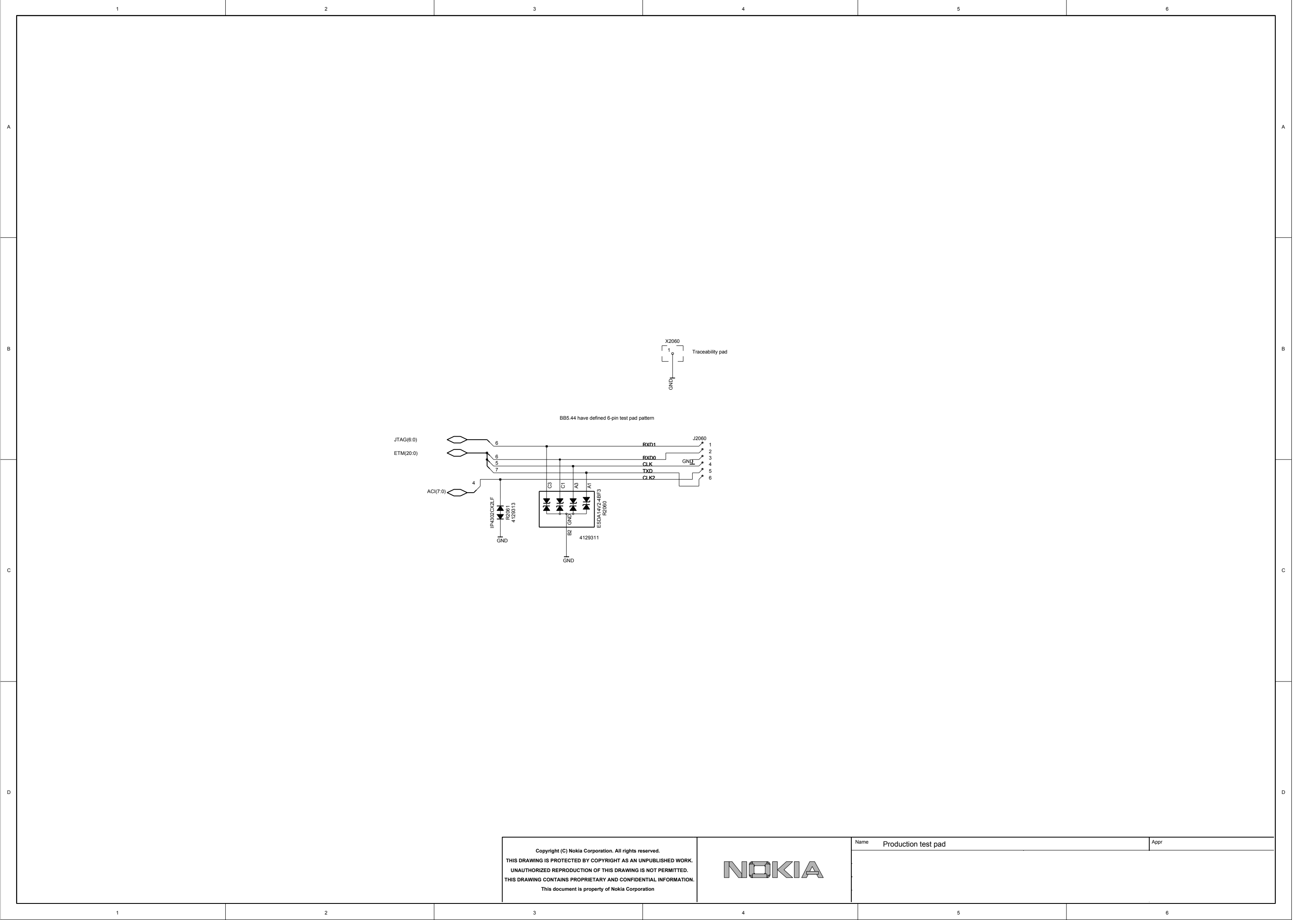


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Name	System and battery connector	Appr
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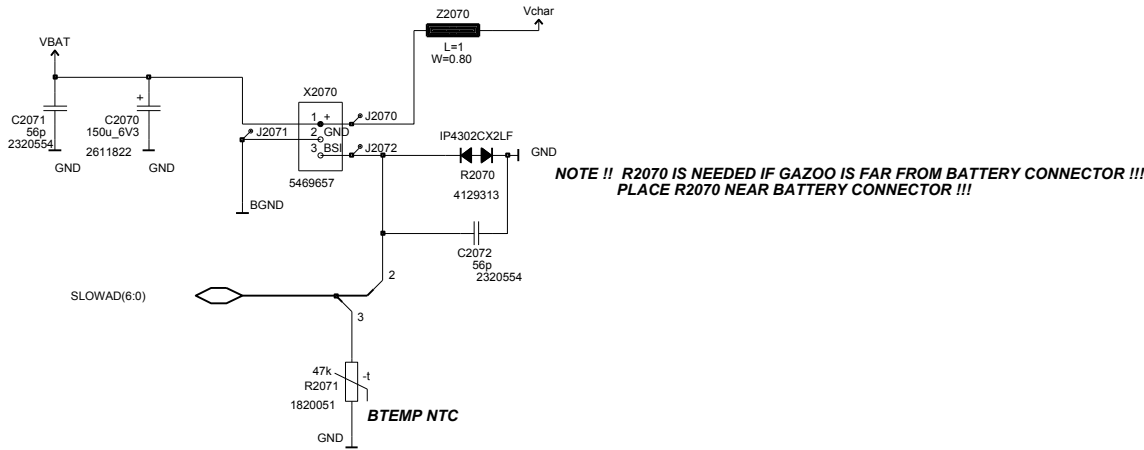


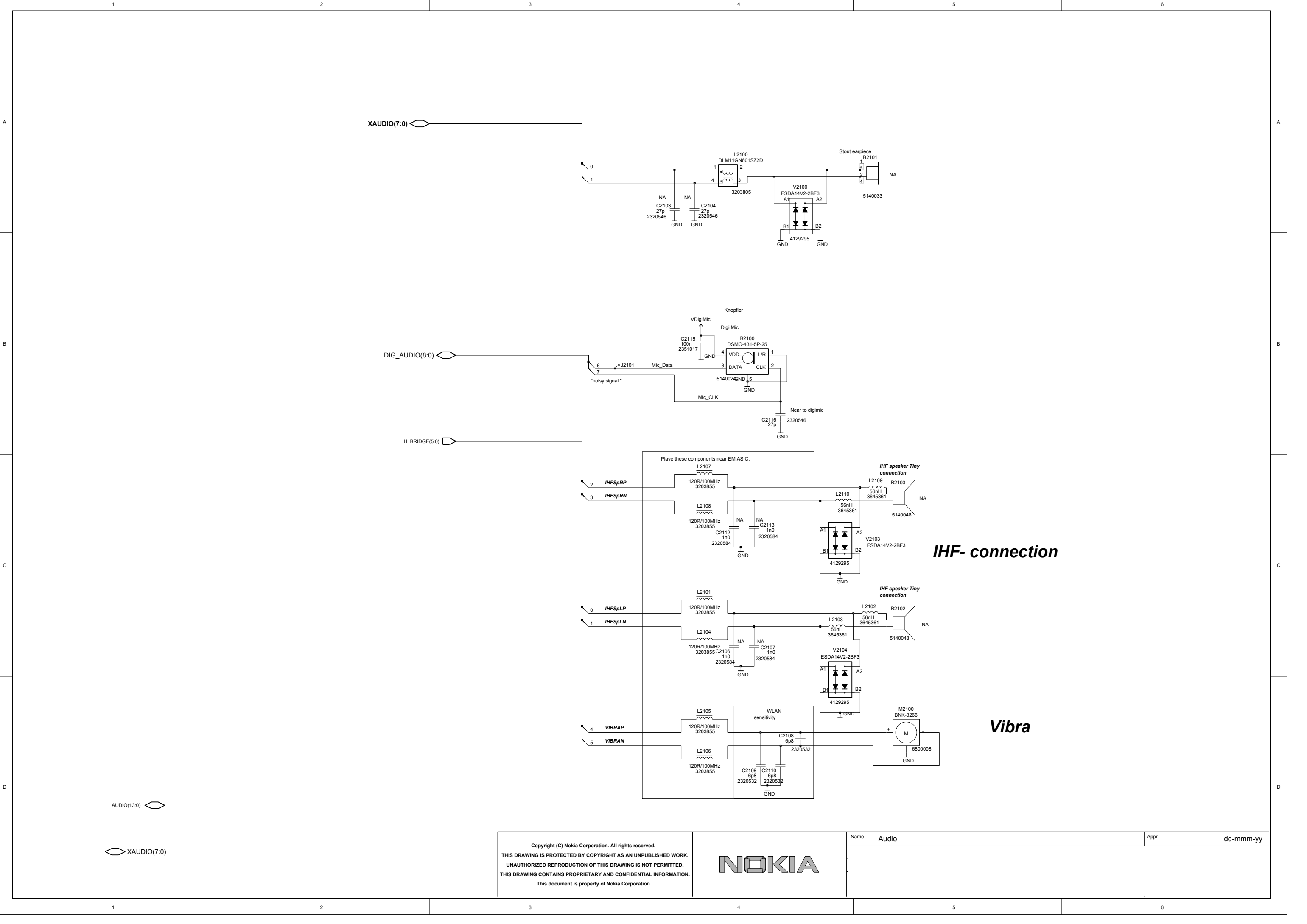
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Name	Production test pad	Appr
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IHF- connection

Vibra

AUDIO(13:0)

XAUDIO(7:0)

A

A

B

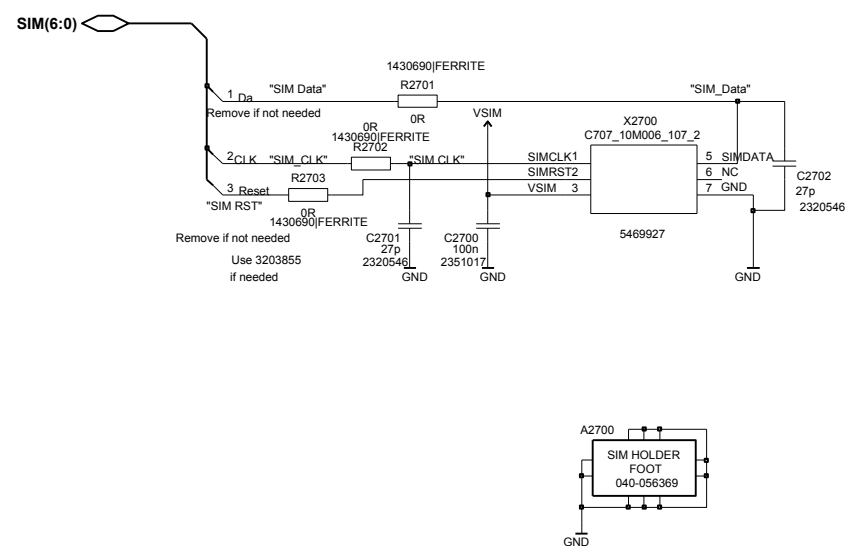
B

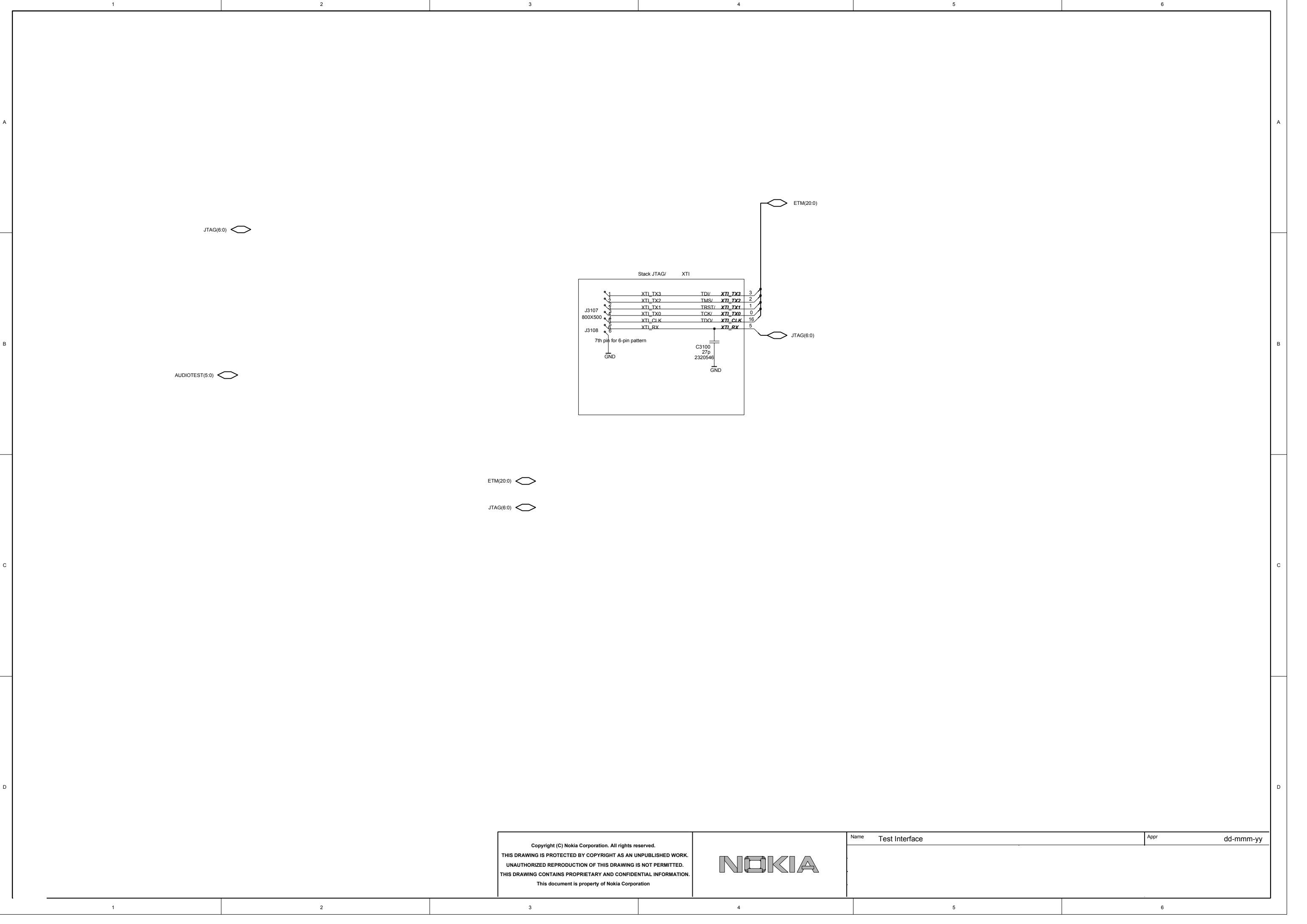
C

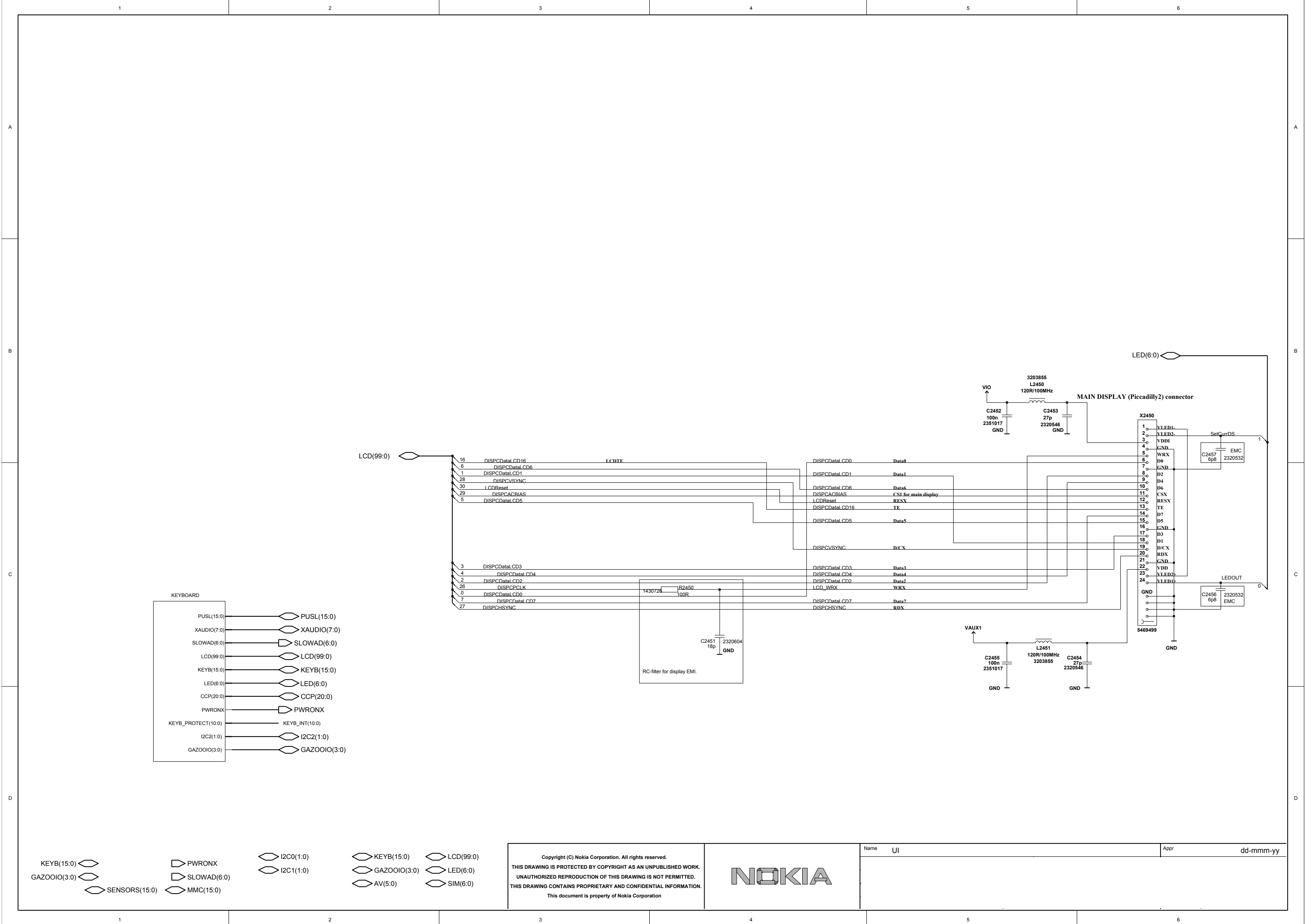
C

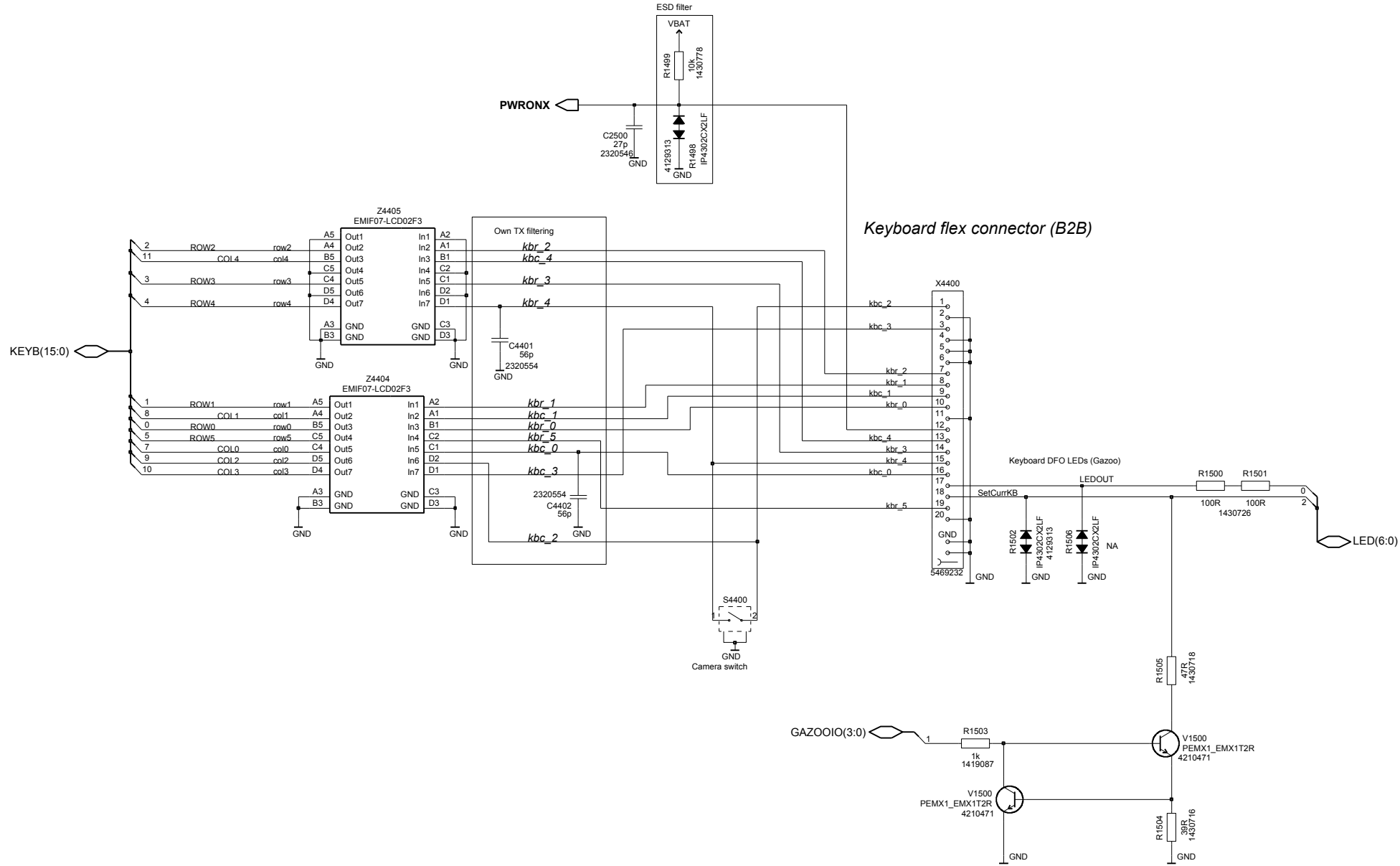
D

D









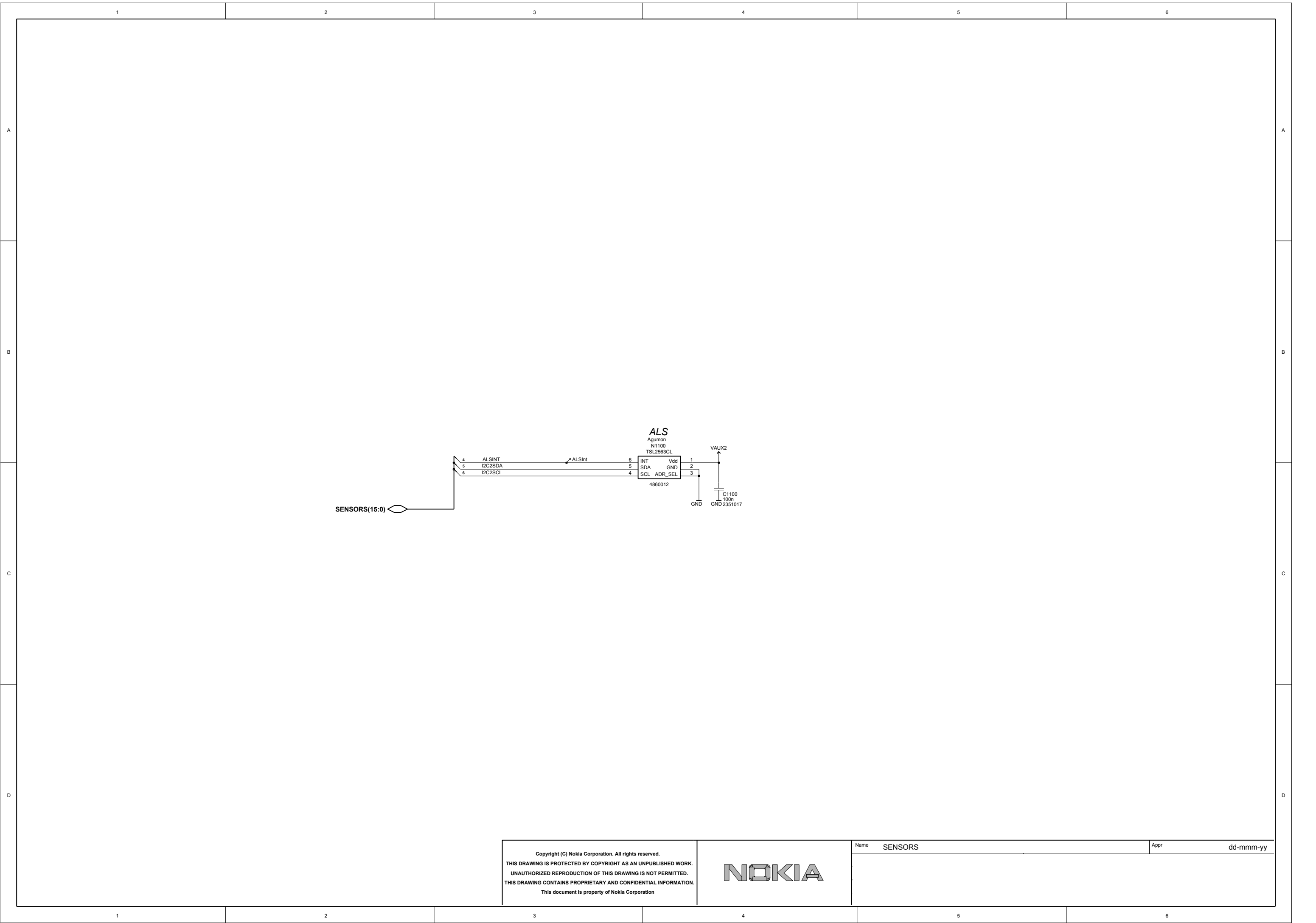
	COL0	COL1	COL2	COL3	COL4
ROW0	Vol Up SK	1	2	3	RightSK UI
ROW1	Vol Down SK	4	5	6	LeftSK UI
ROW2	NOT USED	7	8	9	CLEAR UI
ROW3	NaviSELECT UI	*	0	#	APPS UI
ROW4	NaviUP UI	SEND UI	Camera SK	NOT USED	NaviDOWN UI
ROW5	NaviRIGHT UI	GPS SK	NOT USED	NOT USED	NaviLEFT UI

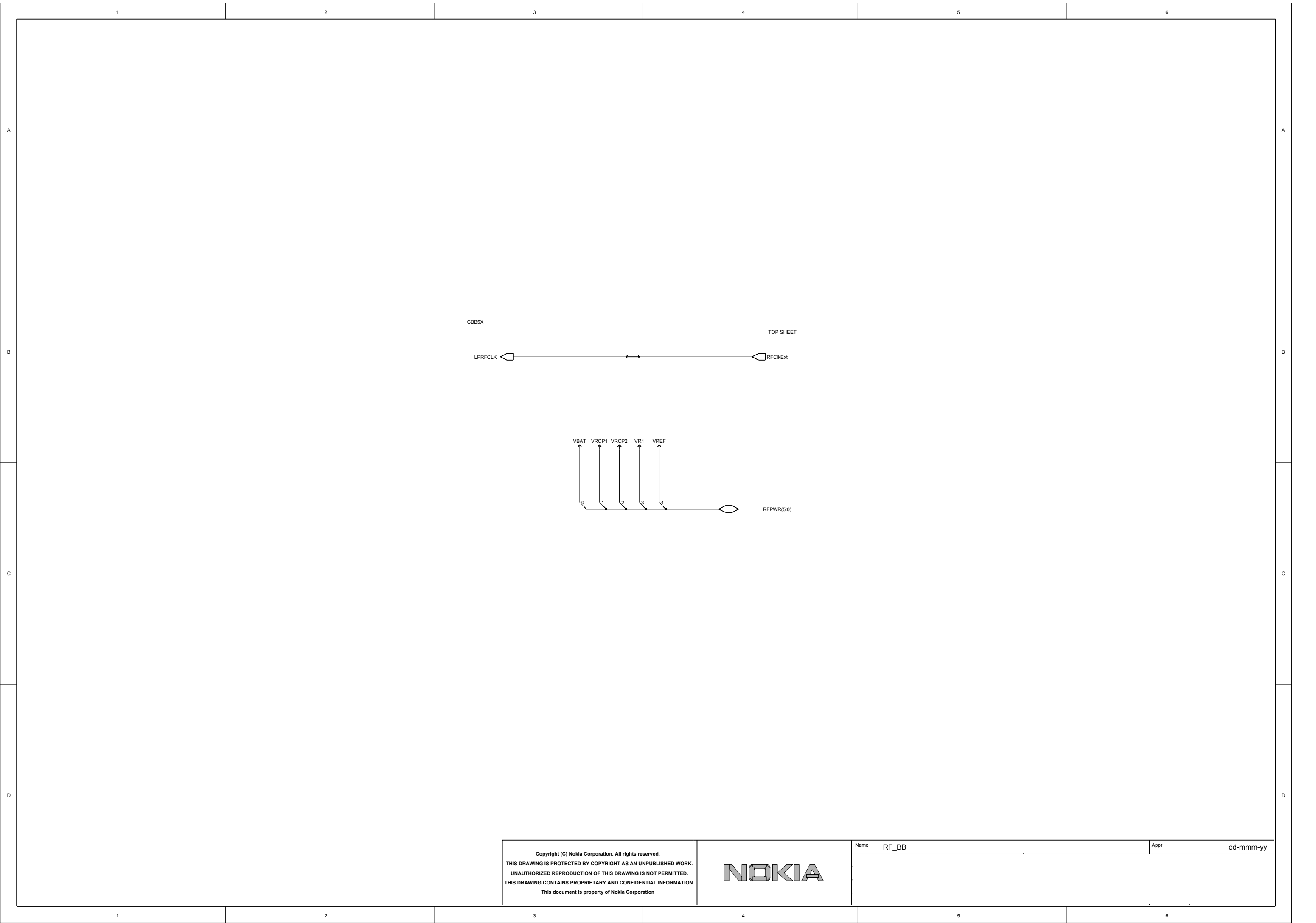
I2C2(1:0) 0 SCL
PUSL(15:0) 1 SDA

KEYB_PROTECT(10:0)
CCP(20:0)

LCD(99:0)

XAUDIO(7:0)
SLOWAD(6:0)





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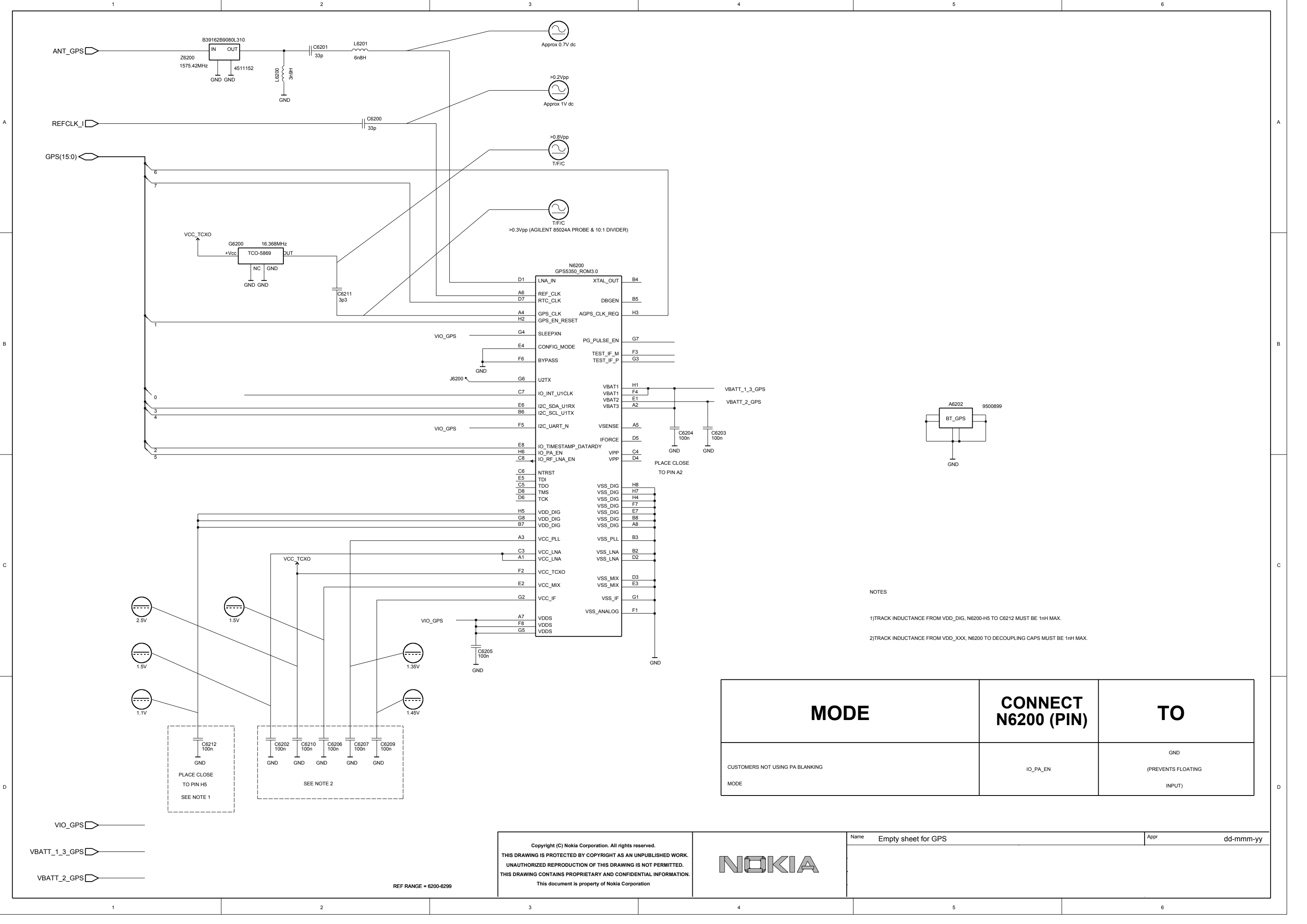
NOKIA

Name

RF_BB

Appr

dd-mmm-yy



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Name Empty sheet for GPS Appr dd-mmm-yy

