

Schematics, Electrical

Applicable for X10i, X10a, SO-01B

Revision History

Rev.	Date	Changes / Comments
1	2010-03-25	1 st release
2	2010-03-29	Updated

CONFIDENTIAL

Primary side

Sony Ericsson			Prepared (Also Subject Responsible if Other)		
Drawing Rules ISO			Doc Responsible/Approved		Rev
Tolerance			Product Name		
Reference			Printed Board Assembly (Primary side)		
Scale			Document No.		Sheet
	Units mm	Size A3			

CONFIDENTIAL

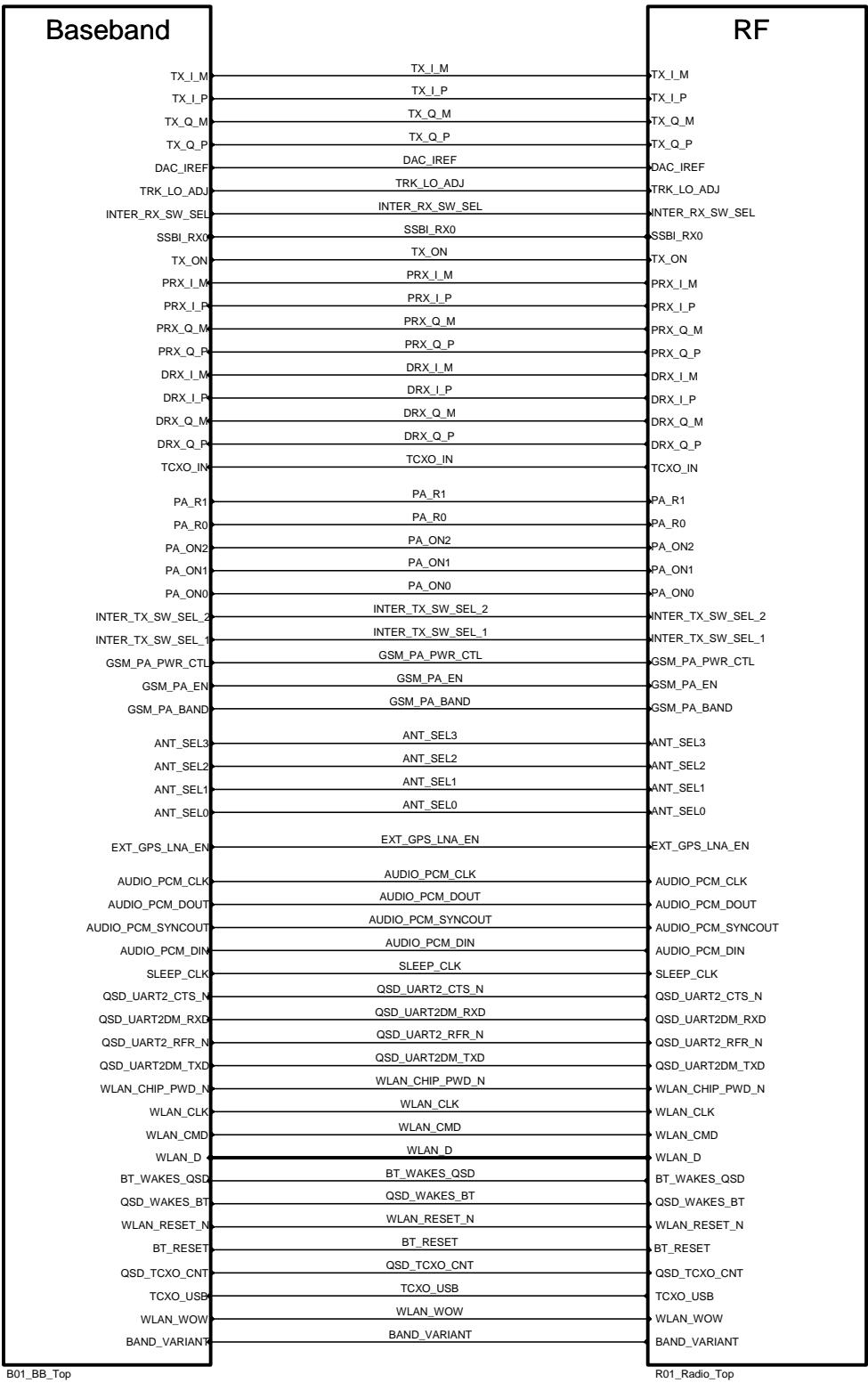
Secondary side

Sony Ericsson			Prepared (Also Subject Responsible if Other)		
Drawing Rules ISO			Doc Responsible/Approved		Rev
Tolerance			Product Name		
Reference			Printed Board Assembly (Secondary side)		
Scale			Document No.		Sheet
	Units mm	Size A3			

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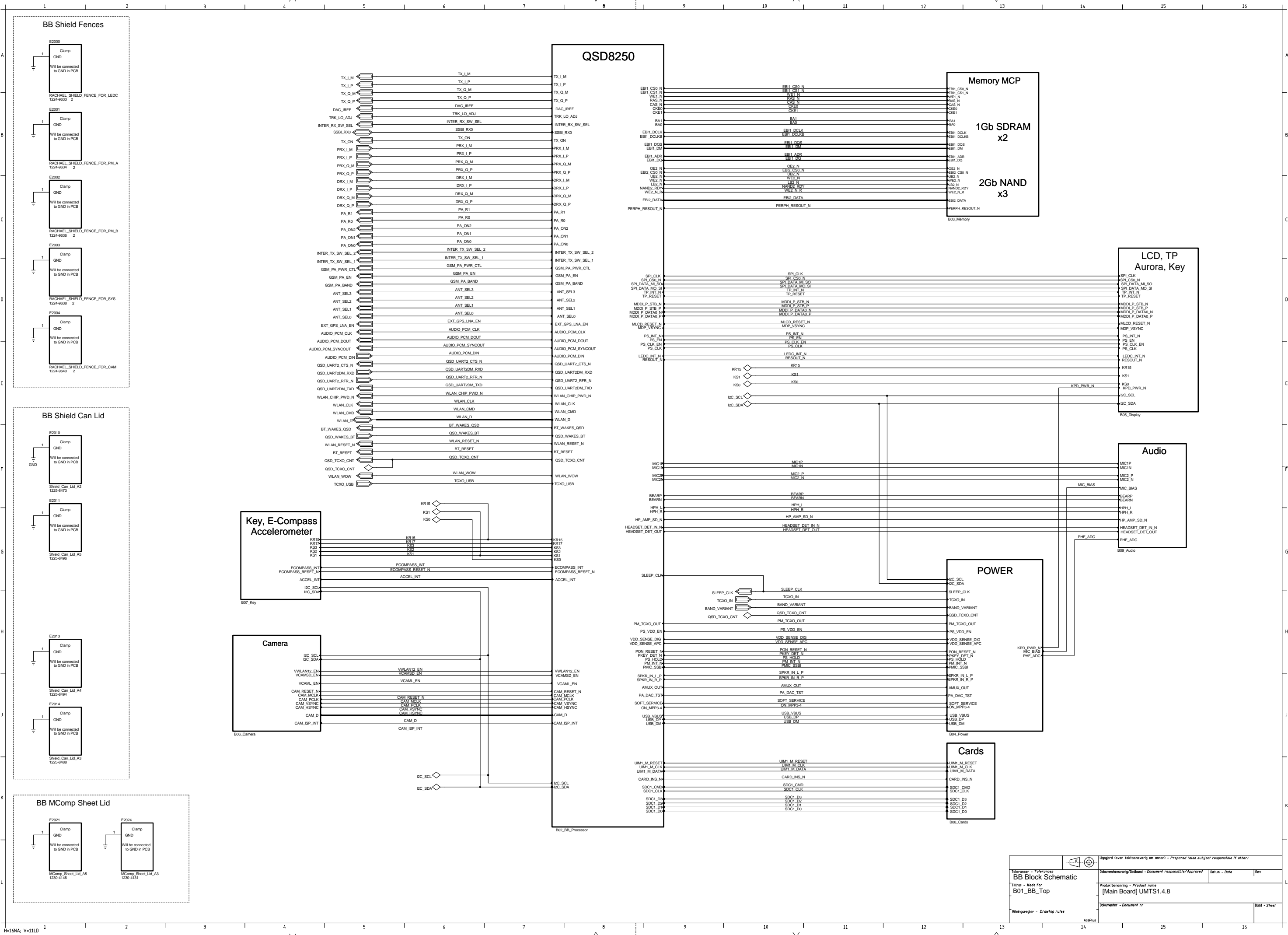
H=11NA; V=8LD

	Pages	Page
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		3 QSD Analog Power
		4 QSD Bypass Capacitors for Power
		5 QSD Digital Power
		6 QSD
		7 QSD Memory Inf; EBI1 & EBI2
		8 GPIO
		9 Analog; RF
B03_Memory	10-11	-----
		10 SDRAM
		11 NAND & Power
B04_Power	12-15	-----
		12 Regulators
		13 Charger, Clocks, Fuel Gauge; USB; SPEAKER
		14 Audio (PMIC); Vibrator; Thermistors
		15 TPS65023
B05_Displays	16	-----
		16 LCD; Touch Panel; LED; Side Key
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		20 Key
		21 ECompass; Accelerometer
B08_Cards	22	-----
		22 uSD & SIM
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		23 Headphone Amplifier; Receiver; Microphones



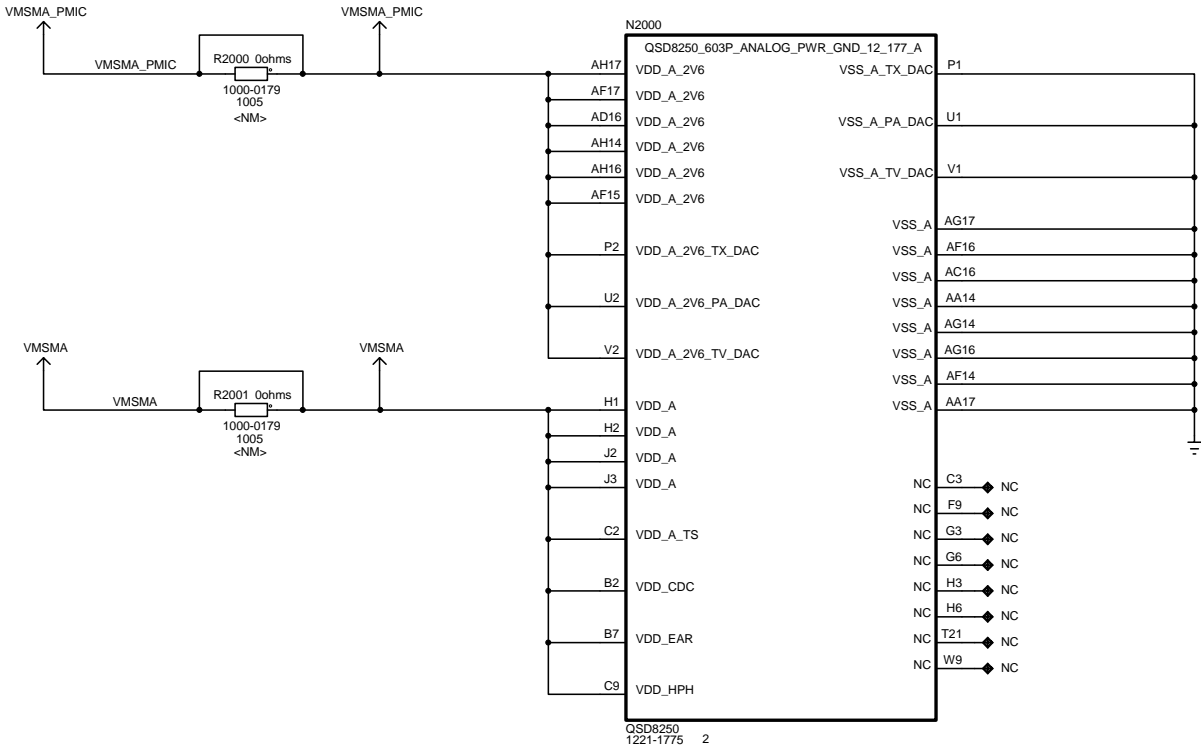
	Pages	Page
R01_Radio_Top	24	-----
		24 RF Block Schematic
R02_Antenna_Switch	25	-----
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R05_GPS	30	-----
		30 GPS LNA
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		31 BT-WLAN
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				Uppgjord (aven faktaansvarig om annan) - Prepared (also subJect responsible If other)	
Toleransen - Tolerances		Dokumentansvarig/Godkand - Document responsible/Approved		Datum - Date	
Tillhor - Made for		Produktbenamning - Product name			
Top		[Main Board] UMTS1.4.8			
Ritningsregler - Drawing rules		Dokumentnr - Document nr			Blad - Sheet
		AcePlus			



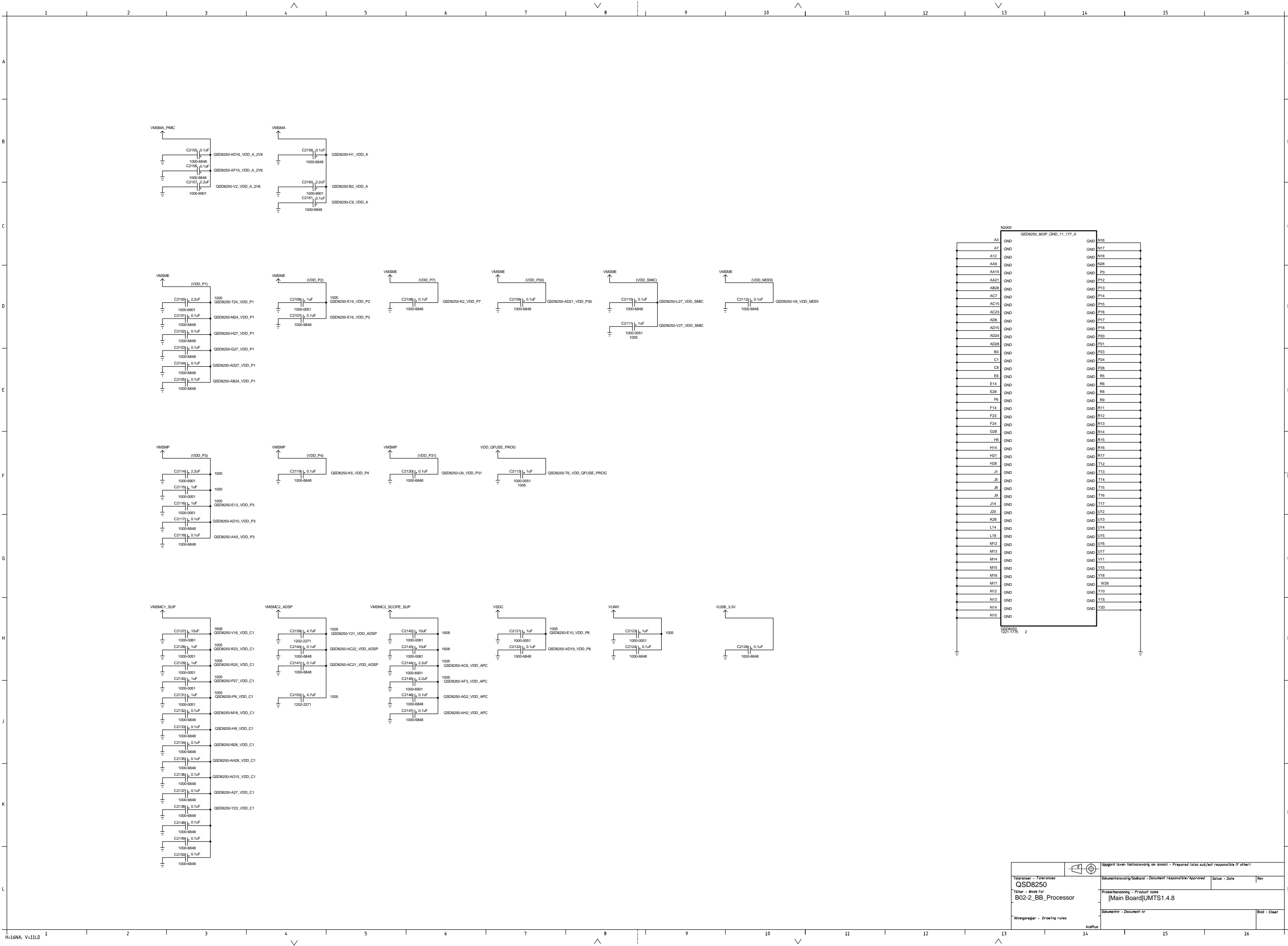
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H=11NA; V=8LD



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Tillhör - Made for		Dokumentansvarig/Godkänd - Document responsible/Approved	Rev
B02-1_BB_Processor		Produktbenämning - Product name	
		[Main Board]UMTS1.4.8	
Ritningsregler - Drawing rules		Dokumentnr - Document nr	Blad - Sheet

AcePlus



Toleranser - Tolerances		Upplagd (avsnittsansvarig om annat) - Prepared (also subject responsible if other)	
QSD8250		Dokumentansvarig/Godkänd - Document responsible/Approved	
Titel - Title		Datum - Date	
B02-2_BB_Processor		Rev	
Produktbenämning - Product name		Blad - Sheet	
[Main Board]UMTS1.4.8		Dokumentnr - Document nr	
Ritningsregler - Drawing rules		Blad - Sheet	

1 2 3 4 5 6 7 8 9 10 11

A

B

C

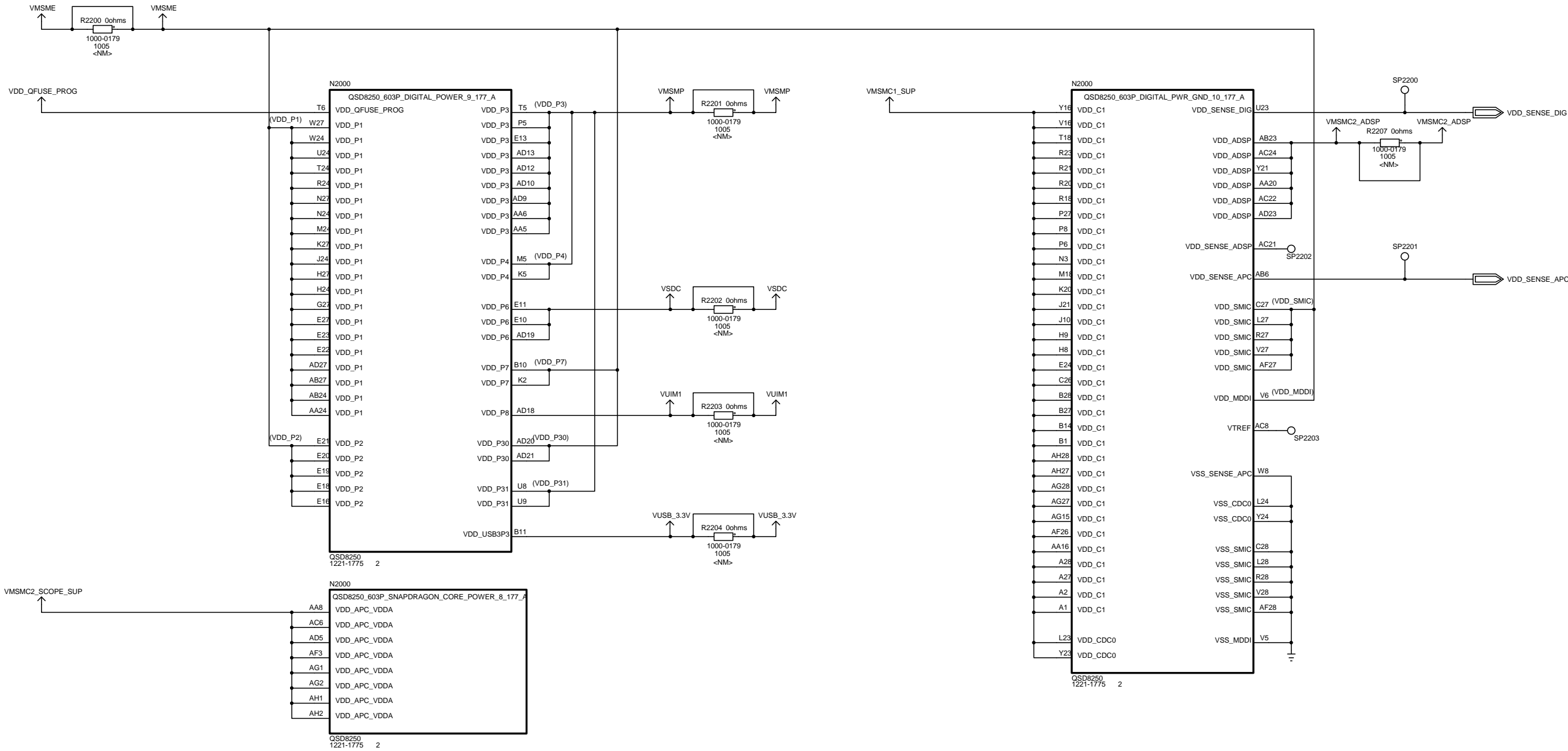
D

E

F

G

H



Tolparang - Tolerances		Uppgörd (även faktaansvarig om annan) - Prepared (also subject responsible if other)	
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Tillhör - Made for		Datum - Date	
B02-3_BB_Processor		Rev	
Ritningsregler - Drawing rules		Produktbenämning - Product name	
		[Main Board]UMTS1.4.8	
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		5/32	

1 2 3 4 5 6 7 8 9 10 11

A

B

C

D

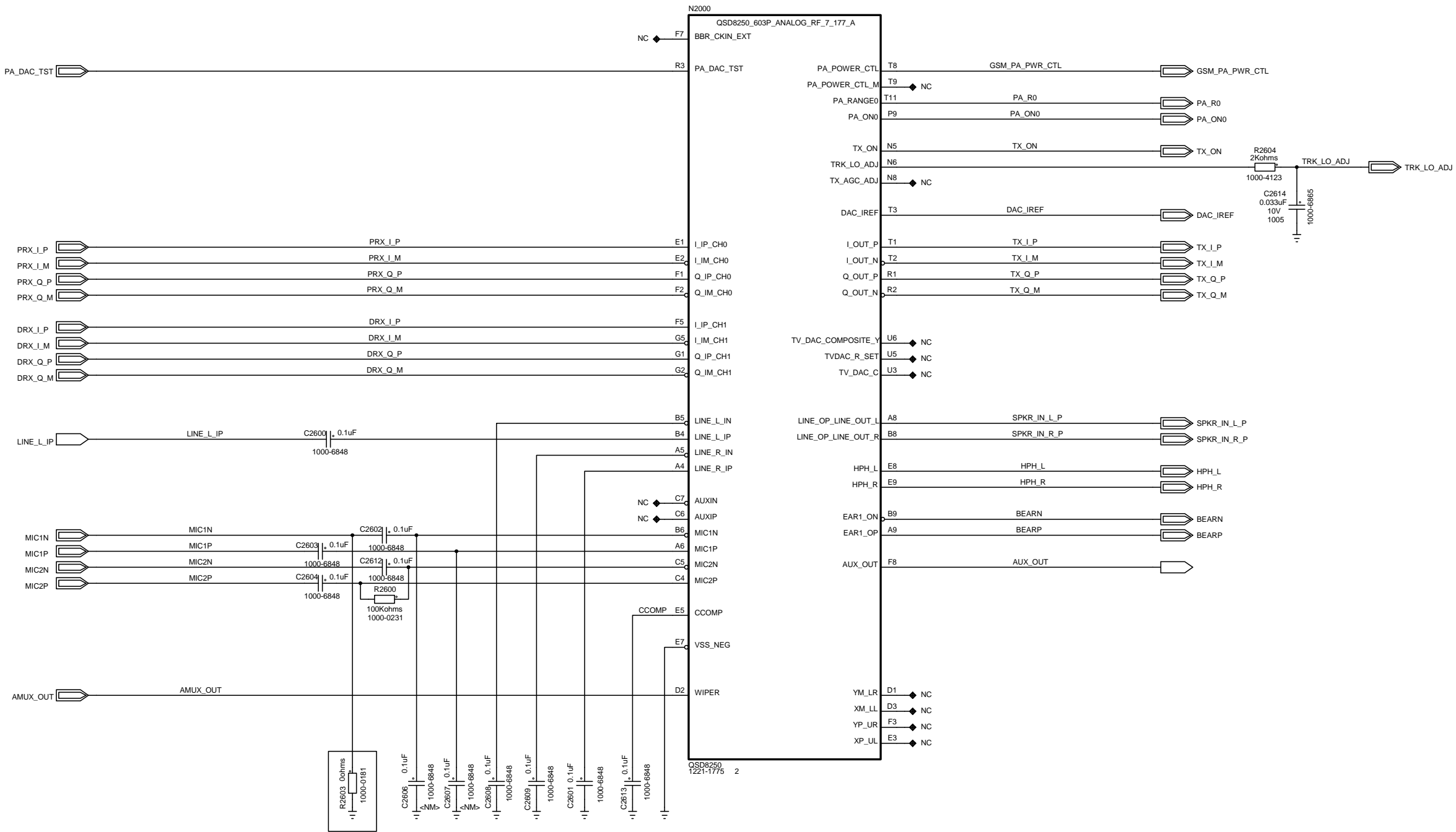
E

F

G

H

LZF 030 102/F RB



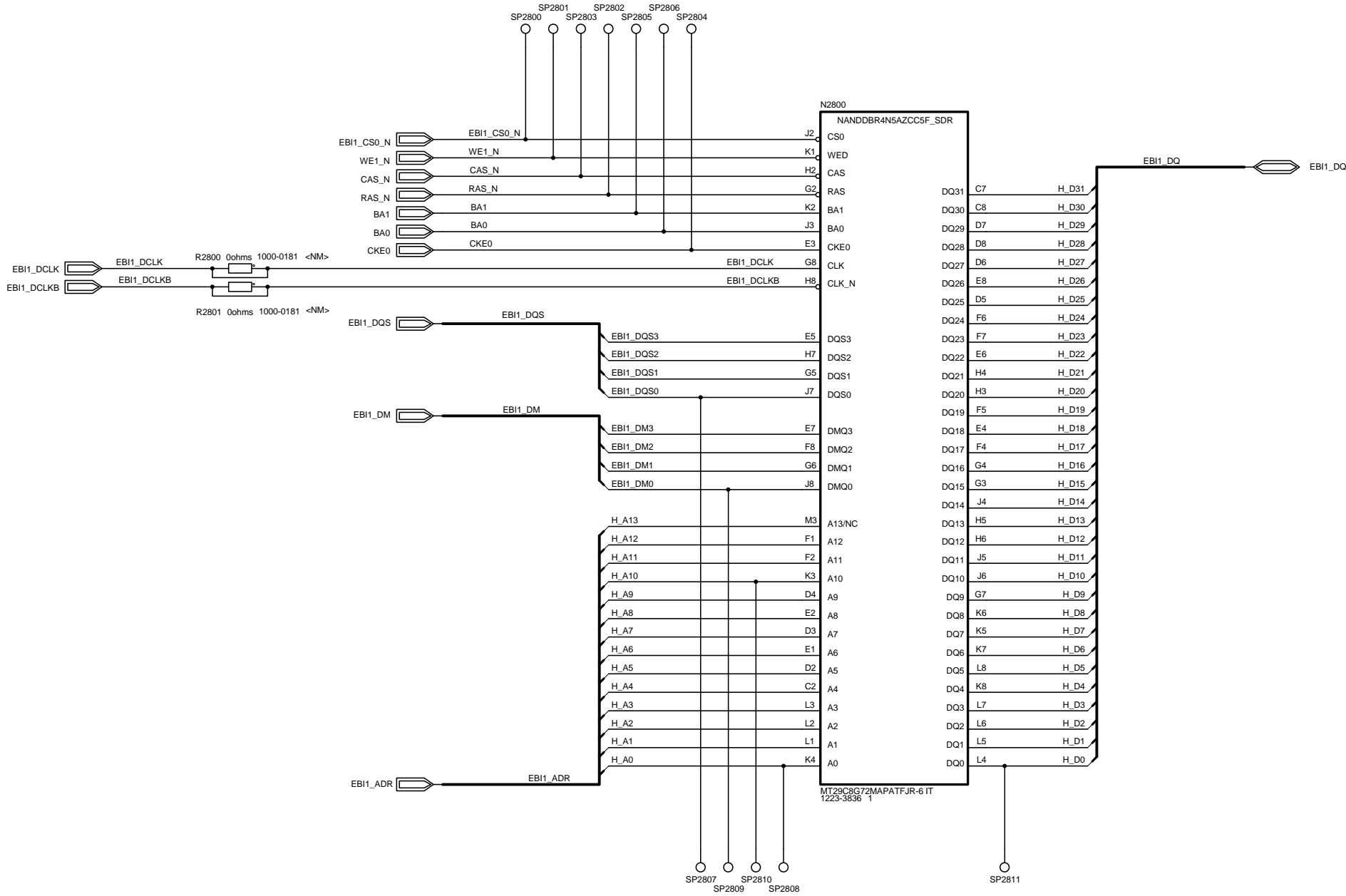
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Tillhor - Made for		Dokumentansvarig/Godkand - Document responsible/Approved	
B02-7_BB_Processor		Datum - Date	
Ritningsregler - Drawing rules		Rev	
Blad - Sheet		Blad - Sheet	
QSD8250		Produktbenämning - Product name	
B02-7_BB_Processor		[Main Board]UMTS1.4.8	
Dokumentnr - Document nr		Blad - Sheet	

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H=11NA; V=8LD

1 2 3 4 5 6 7 8 9 10 11

A
B
C
D
E
F
G
H



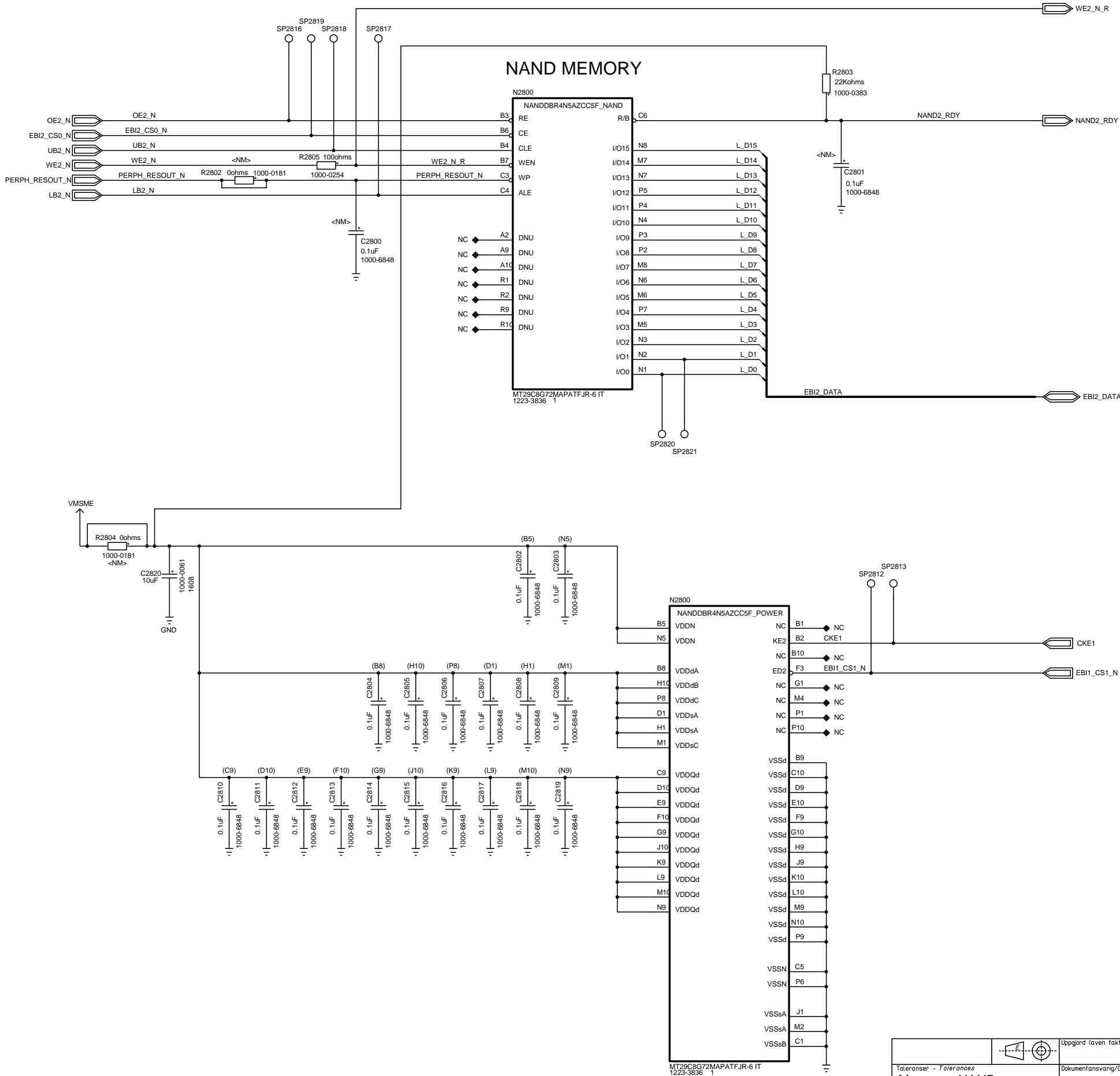
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Memory - SDR-DDR		Dokumentansvarig/Godkänd - Document responsible/Approved	Rev
Tillhör - Made for		Produktbenämning - Product name	
B03-1_Memory		[Main Board]UMTS1.4.8	
Ritningsregler - Drawing rules		Dokumentnr - Document nr	Blad - Sheet

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1 2 3 4 5 6 7 8 9 10 11

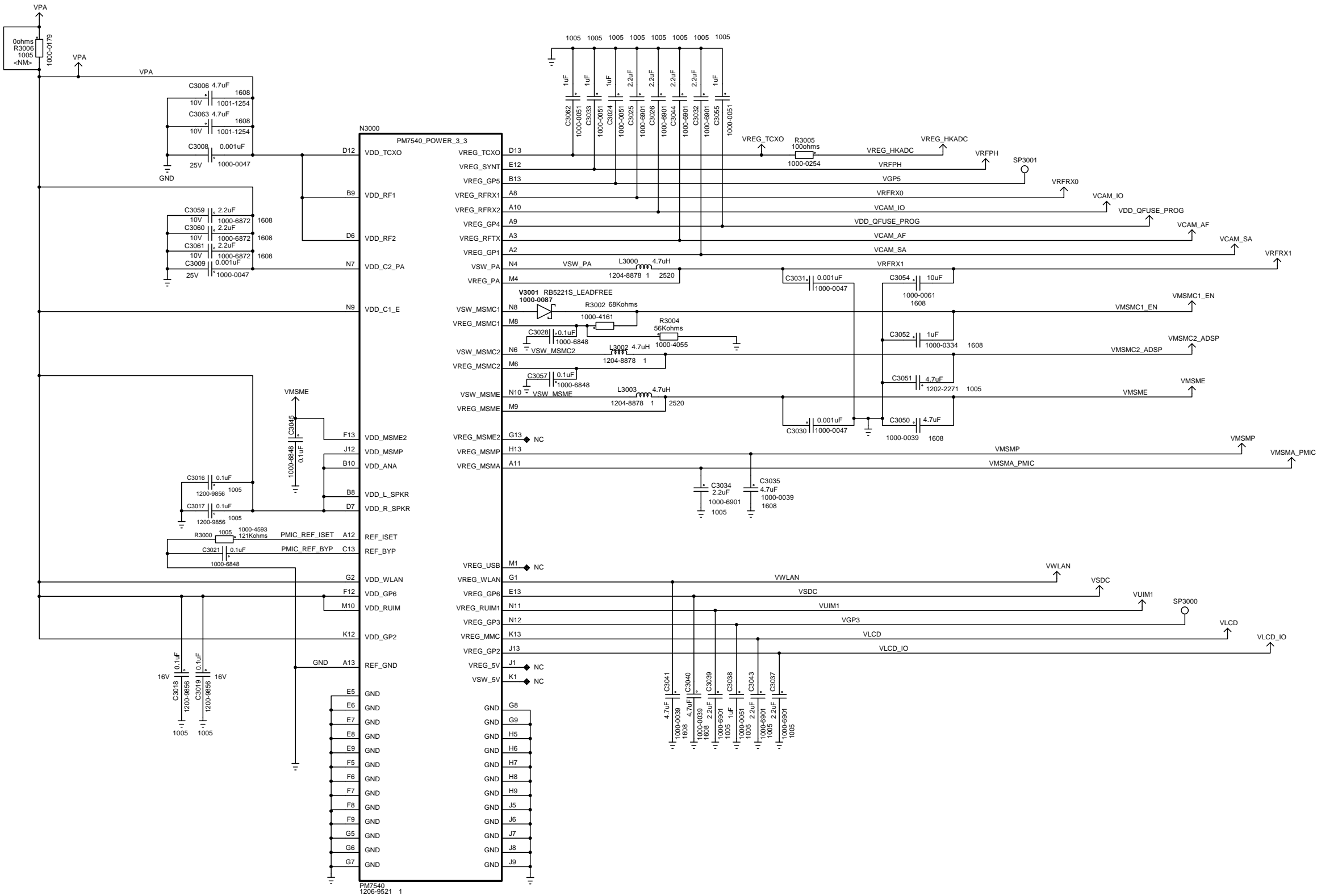
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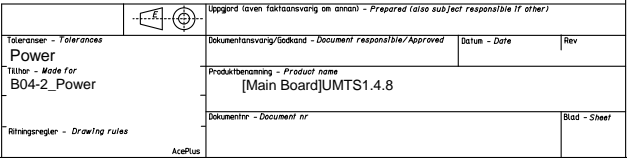


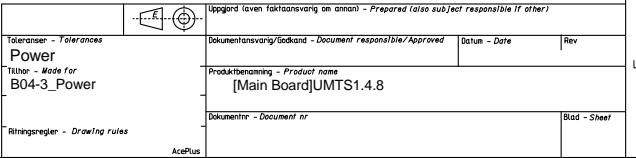
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Toleransen - Tolerances	Dokumentansvarig/Godkand - Document responsible/Approved	Datum - Date	Rev
Tillhor - Made for			
B03-2_Memory			
Produktbenamning - Product name			
[Main Board]UMTS1.4.8			
Dokumentnr - Document nr			Blad - Sheet
Ritningsregler - Drawing rules			

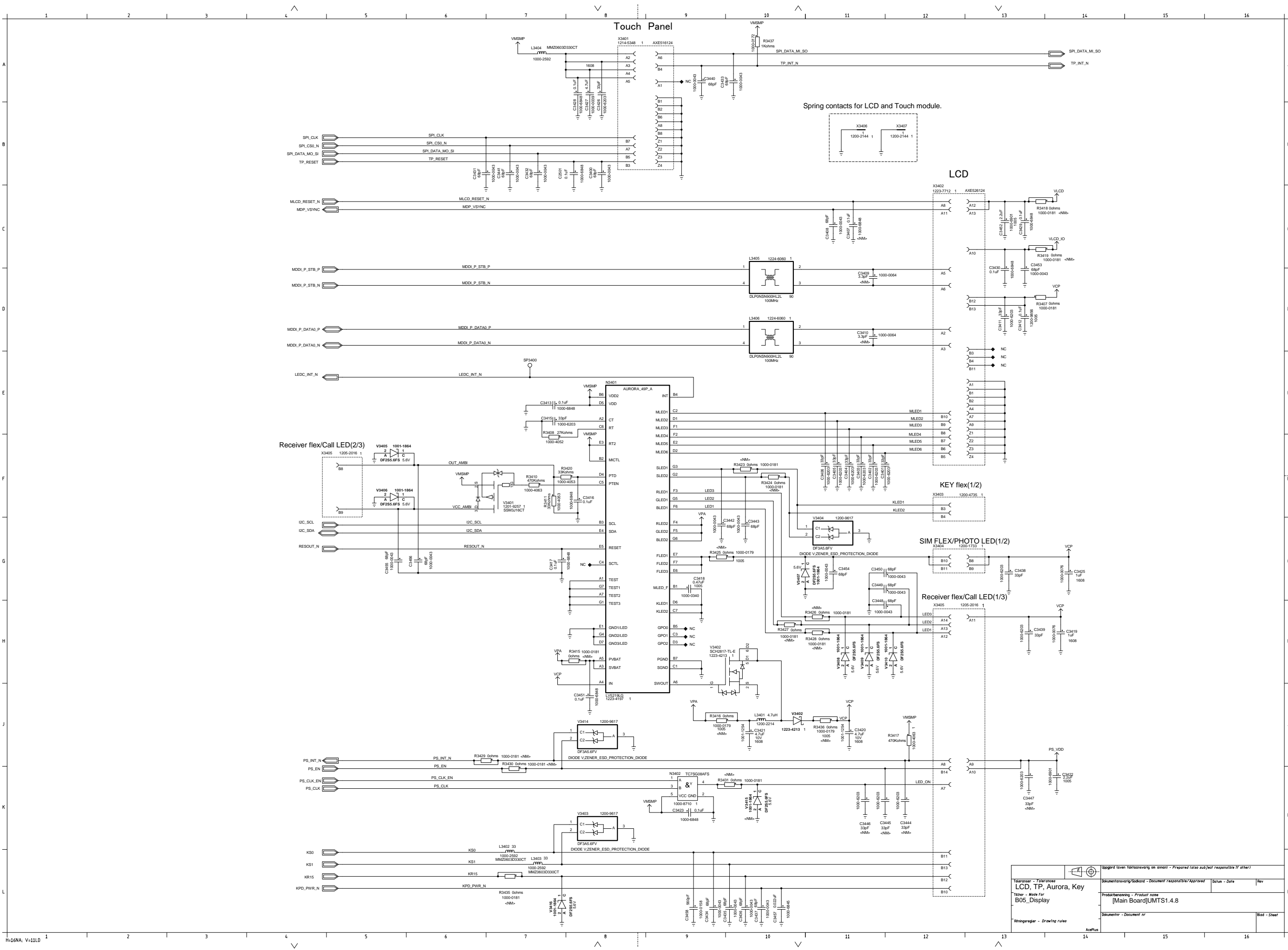
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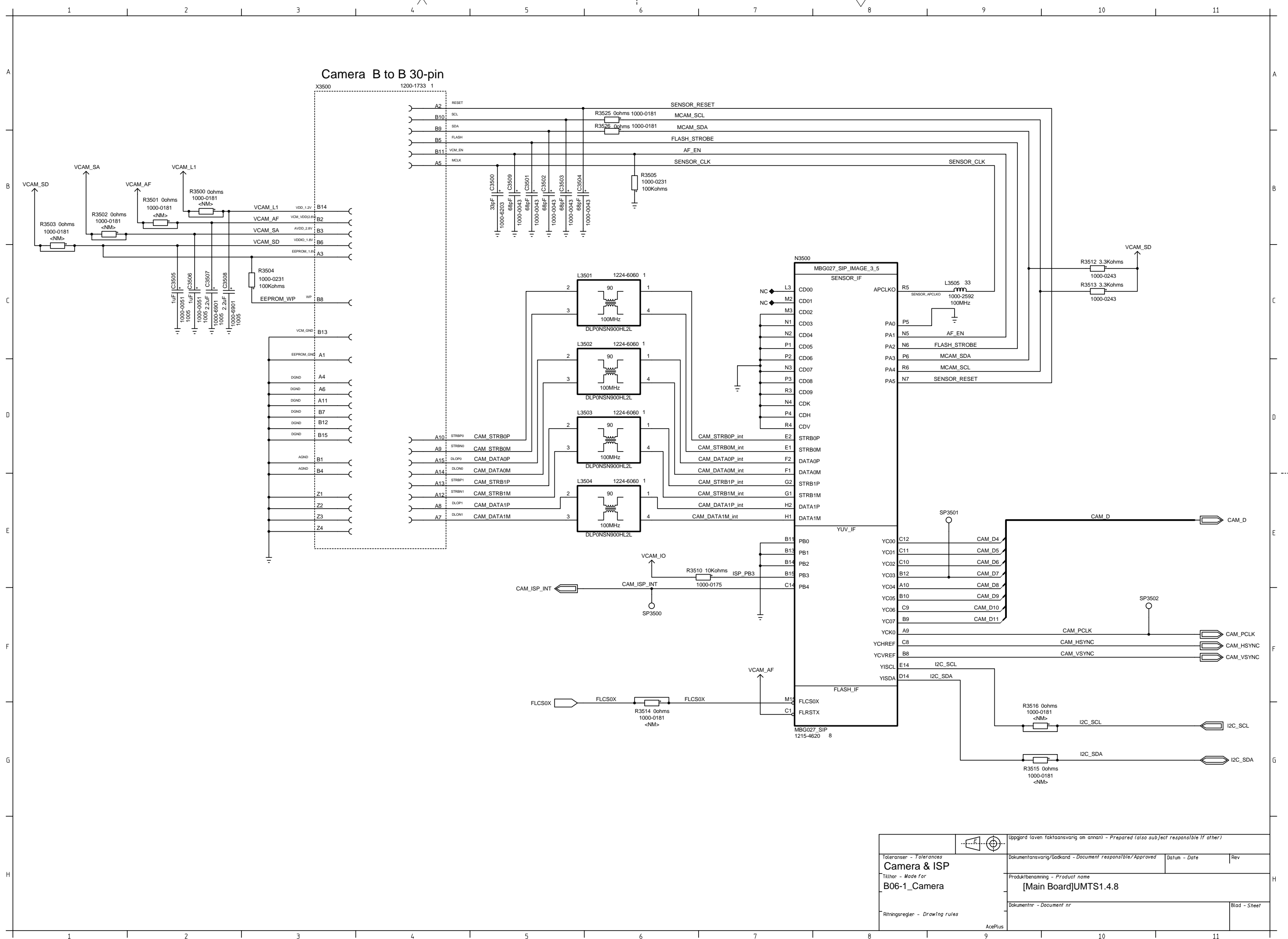
Uppgjord (även faktaansvarig om annan) - Prepared (also subject responsible if other)	
Toleranser - Tolerances	Dokumentansvarig/Godkänd - Document responsible/Approved
Power	Datum - Date
Tillhör - Made for	Rev
B04-1_Power	Produktbenämning - Product name
	[Main Board]UMTS1.4.8
Ritningsregler - Drawing rules	Dokumentnr - Document nr
	Blad - Sheet

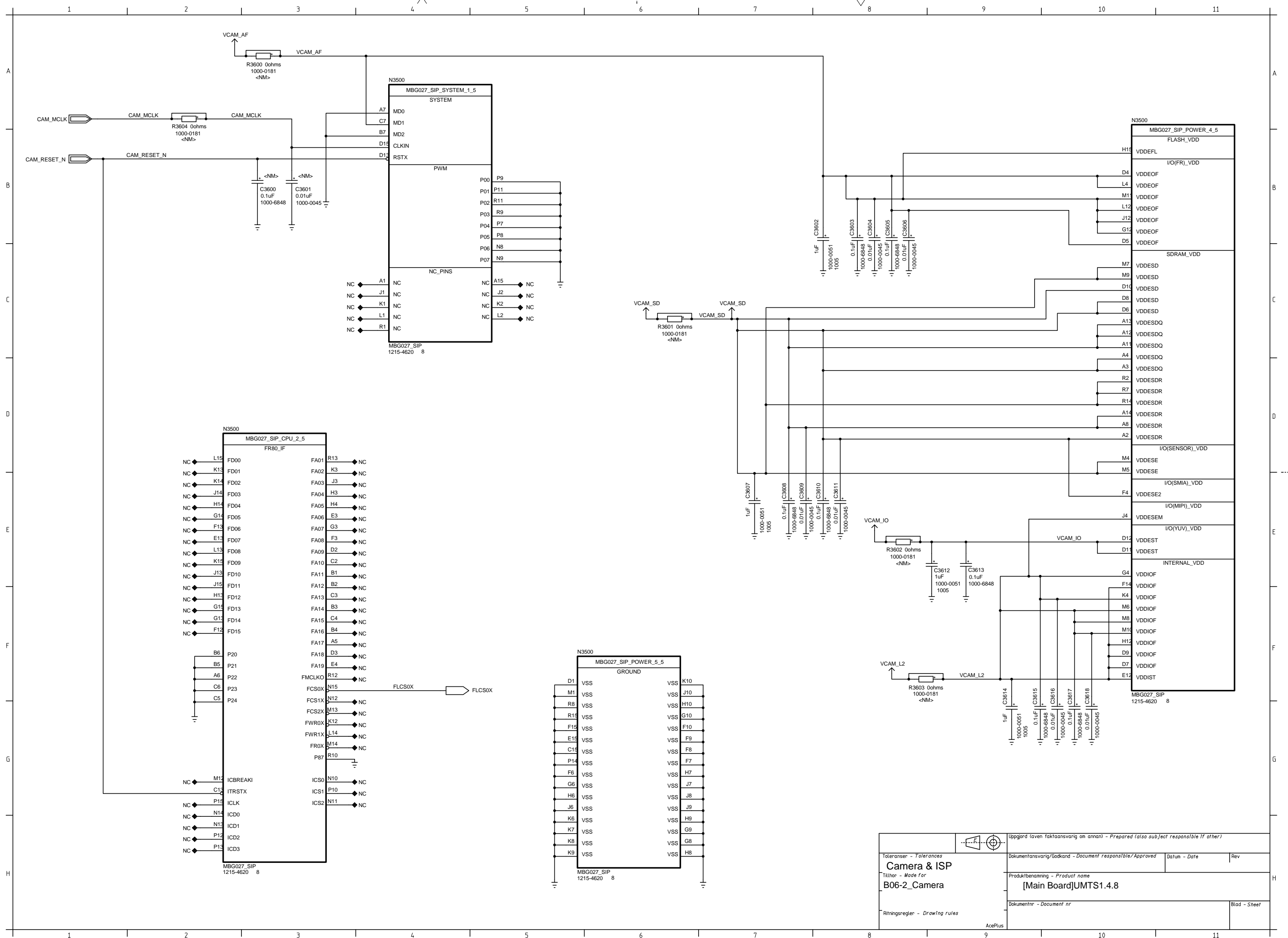






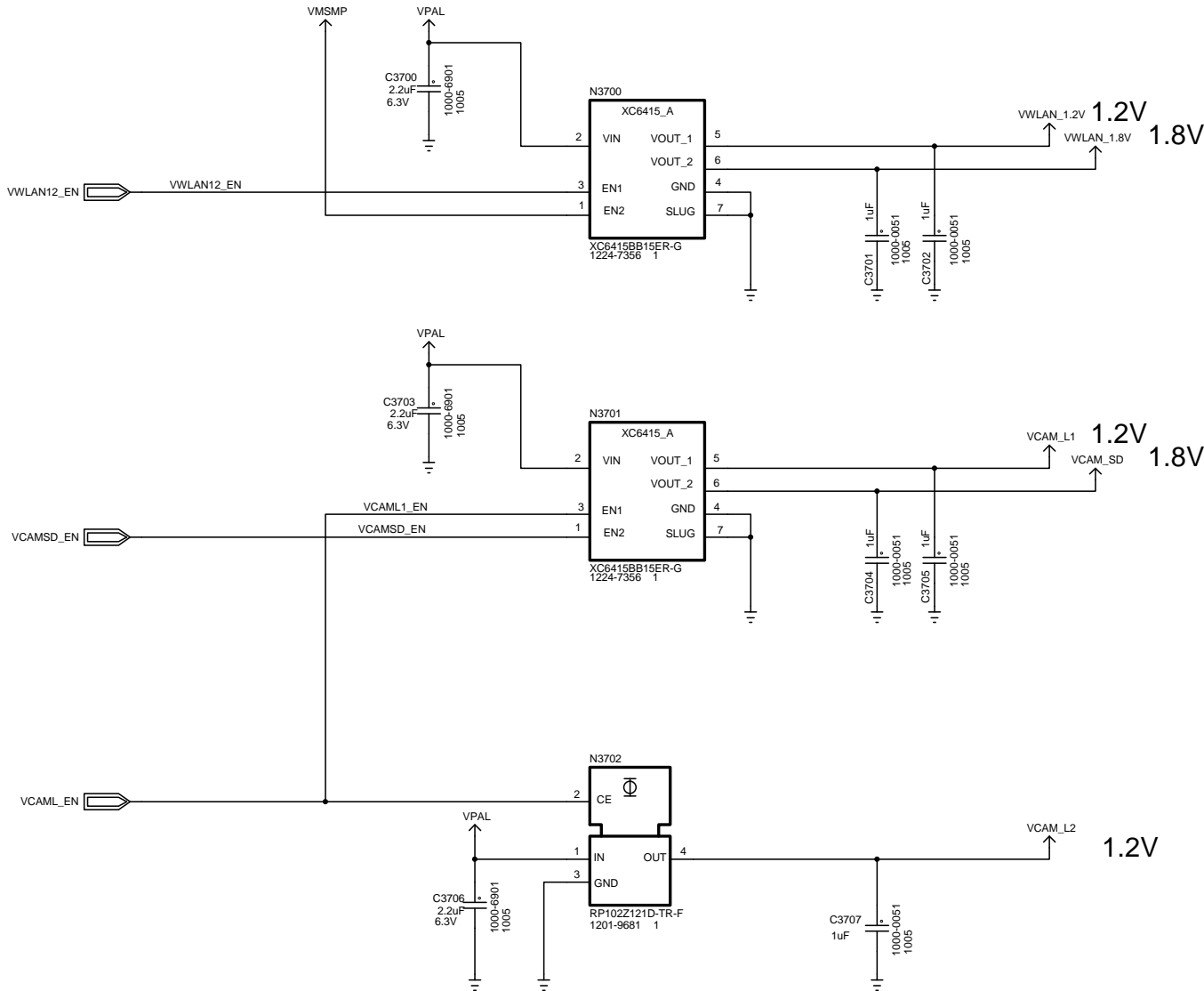
Tolerances - Tolerances		Upgraded (even falsche) (even an anson) - Prepared (also subject responsible if other)	
LCD, TP, Aurora, Key		Produktname - Product name	
B05 Display		[Main Board]UMTS1.4.8	
Bittengröße - Drawing rules		Blatt - Sheet	
AcetPlus			



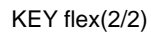


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H=11NA; V=8LD



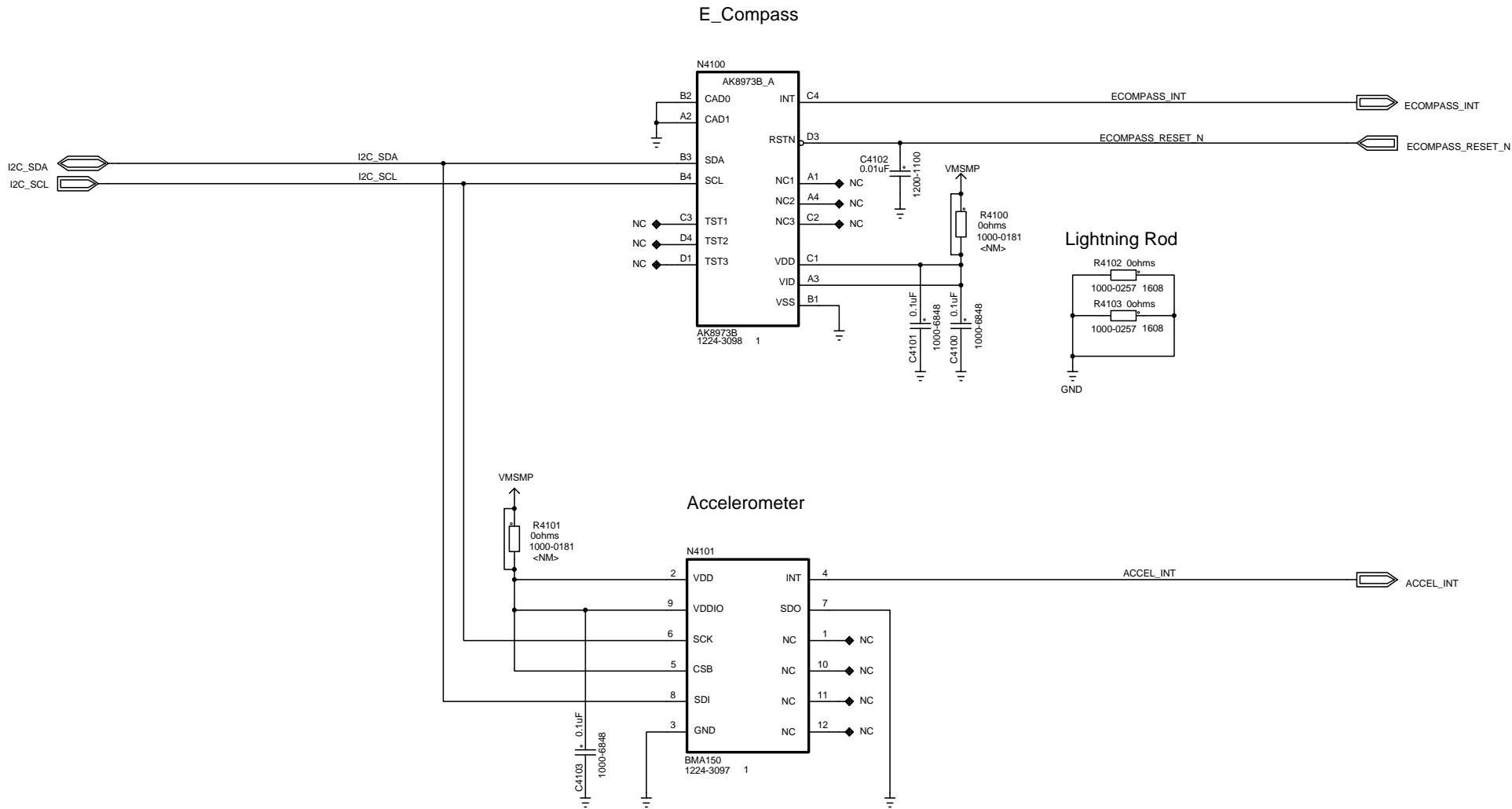
Toleranser - Tolerances		Uppgörd (även faktaansvarig om annan) - Prepared (also subject responsible if other)	
Tillhör - Made for		Dokumentansvarig/Godkänd - Document responsible/Approved	Rev
B06-3_Camera		Datum - Date	
Ritningsregler - Drawing rules		Blad - Sheet	
AcePlus		Rev	



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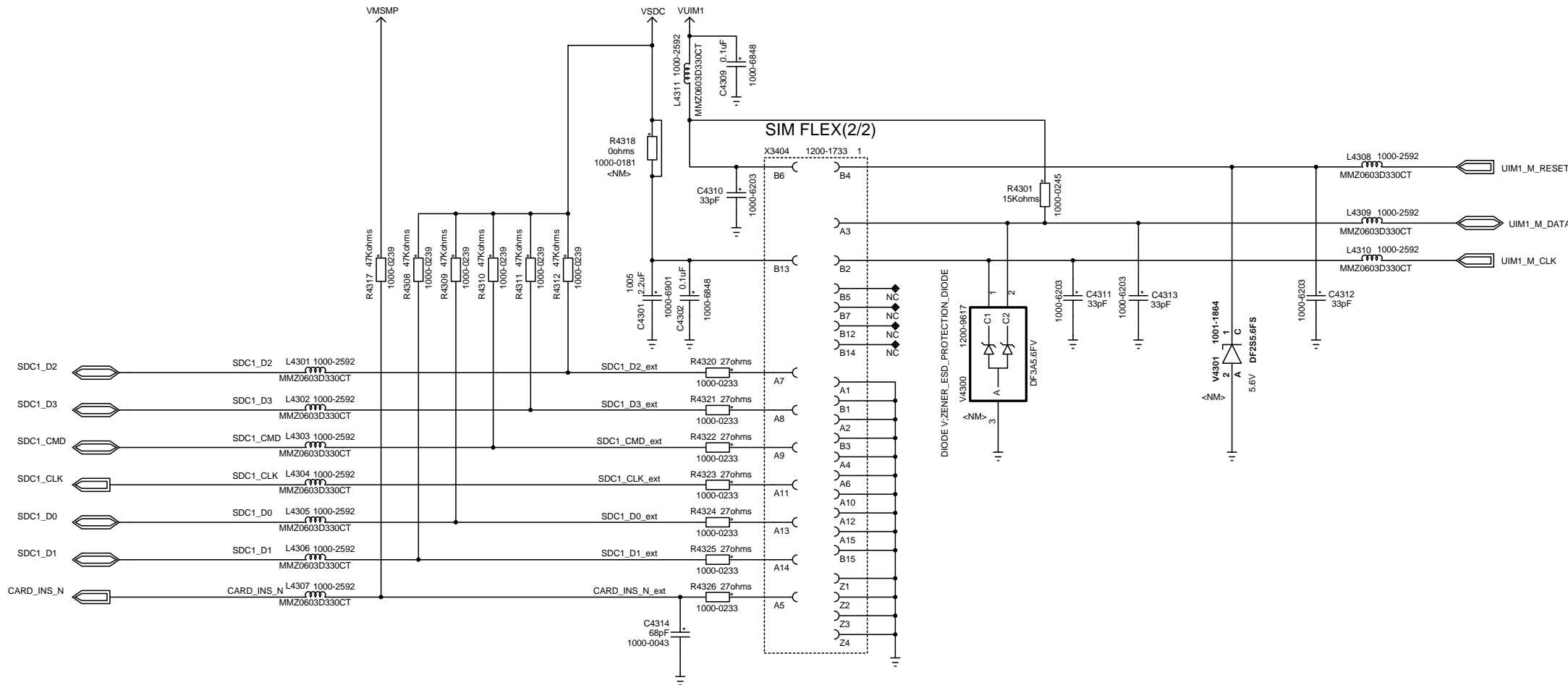
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Toleransen - Tolerances		Uppgord (aven faktaansvarig om annan) - Prepared (also subJect responsible If other)	
ECompass, Accelerometer		Dokumentansvarig/Godkand - Document responsible/Approved	Datum - Date
Tillhor - Made for		Rev	
B07-2_Key		Produktbenamning - Product name	
		[Main Board]UMTS1.4.8	
Ritningsregler - Drawing rules		Blad - Sheet	
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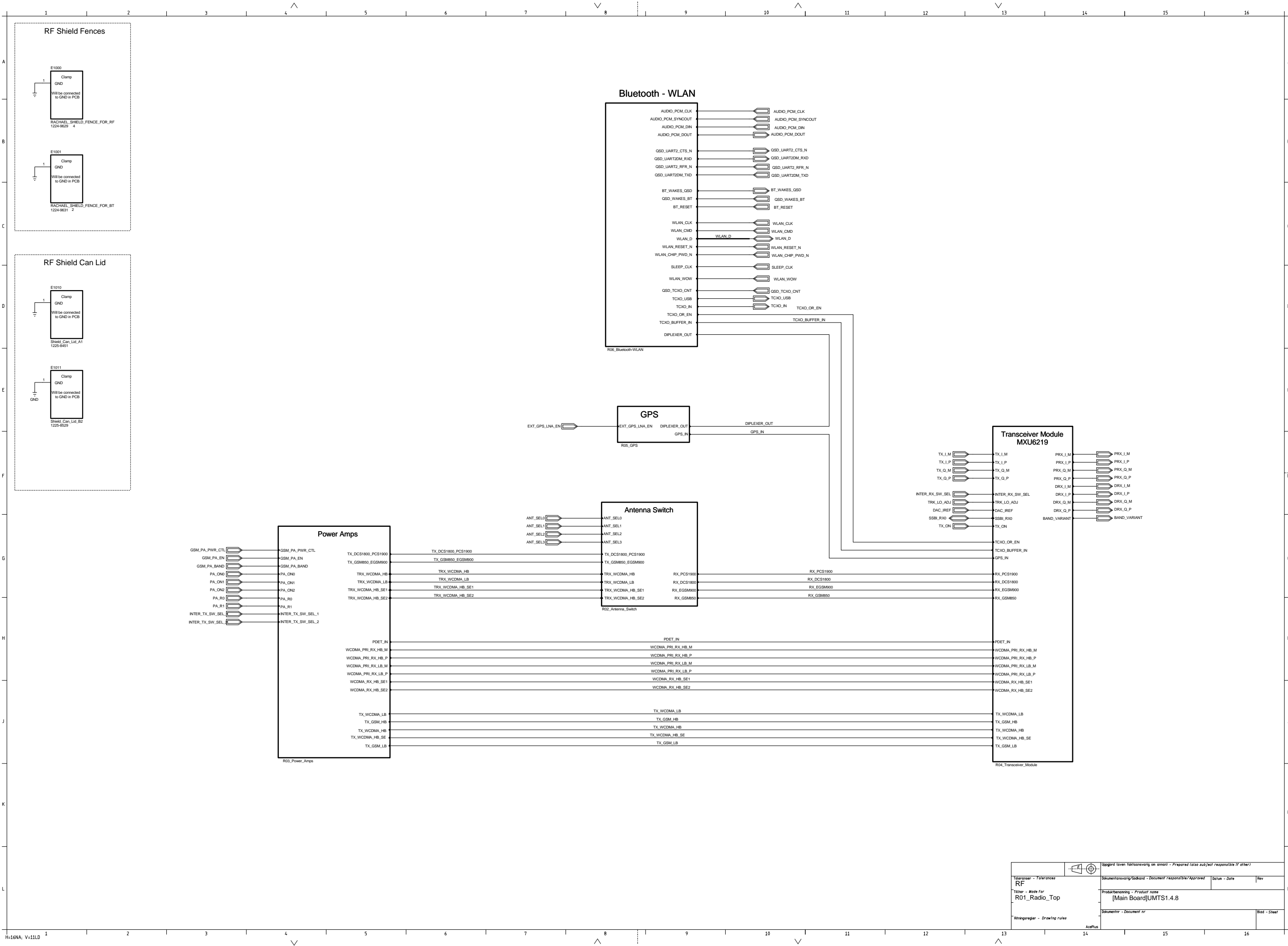
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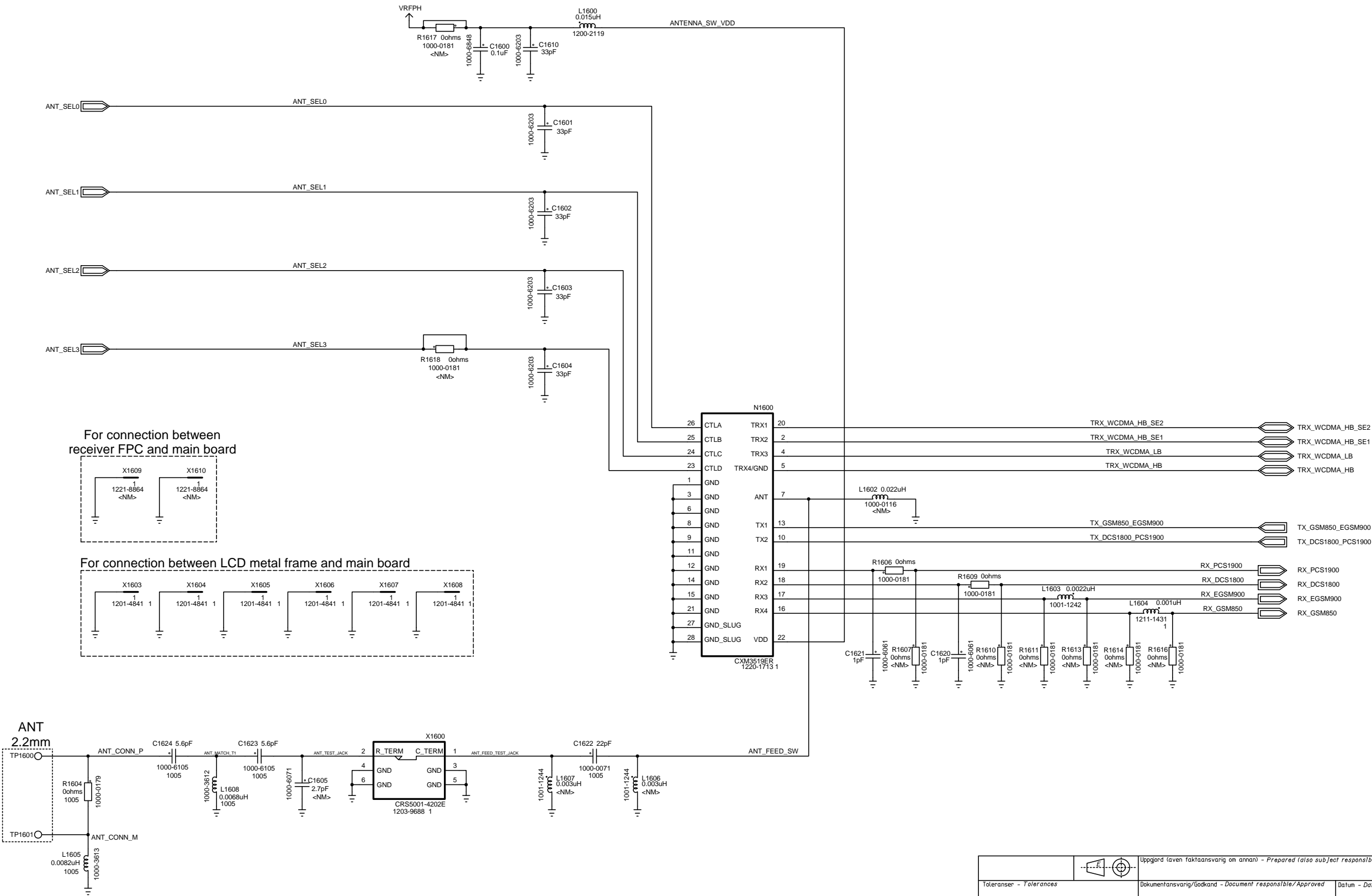
Toleransen - Tolerances		Uppgord (aven faktaansvarig om annan) - Prepared (also sub]ect responsible if other)	
Cards - SIM and SD		Dokumentansvarig/Godkand - Document responsible/Approved	Datum - Date
Tillhor - Made for		Rev	
B08_Cards		Produktbenamning - Product name	
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Ritningsregler - Drawing rules		Blad - Sheet	

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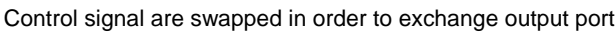
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Uppgord (även faktaansvarig om annan) - Prepared (also subject responsible if other)			
Toleranser - Tolerances	Dokumentansvarig/Godkänd - Document responsible/Approved	Datum - Date	Rev
Tillhör - Made by	Produktbenämning - Product name		
R02_Antenna_Switch			[Main Board]UMTS1.4.8
Ritningsregler - Drawing rules			Dokumentnr - Document nr
			Blad - Sheet

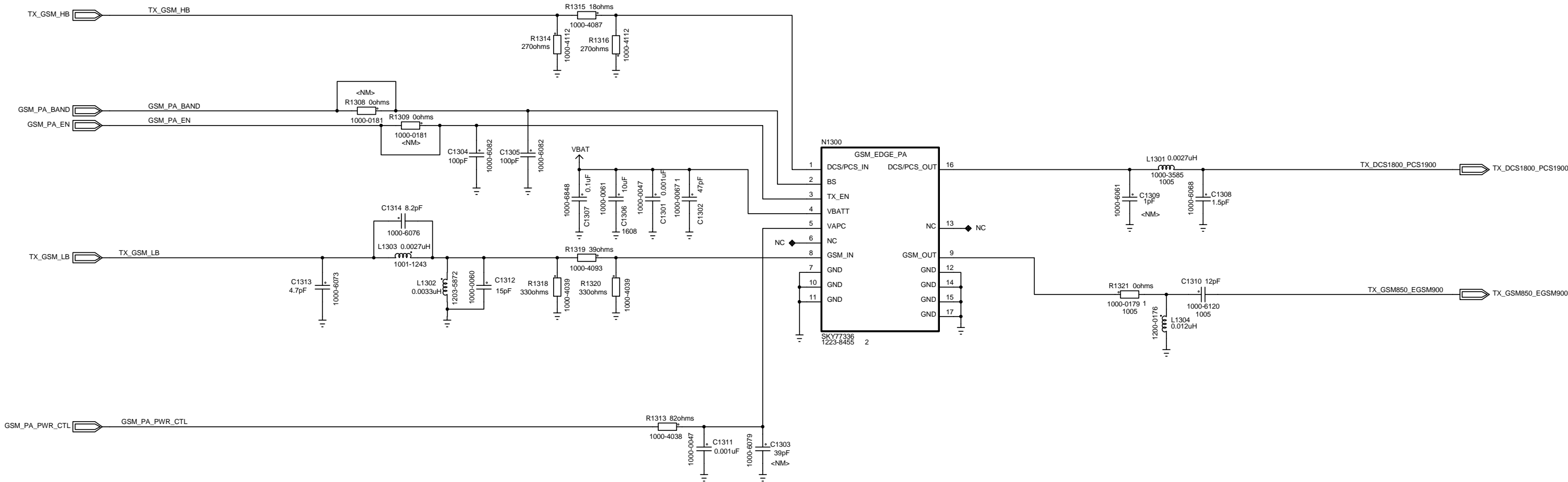
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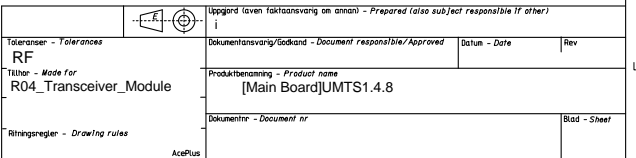
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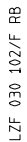
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RF		Dokumentansvarig/Godkand - Document responsible/Approved	Rev
Tillhor - Made for		Produktbenämning - Product name	
R03-3_GSM_EDGE_PA		[Main Board]UMTS1.4.8	
Ritningsregler - Drawing rules		Dokumentnr - Document nr	Blad - Sheet

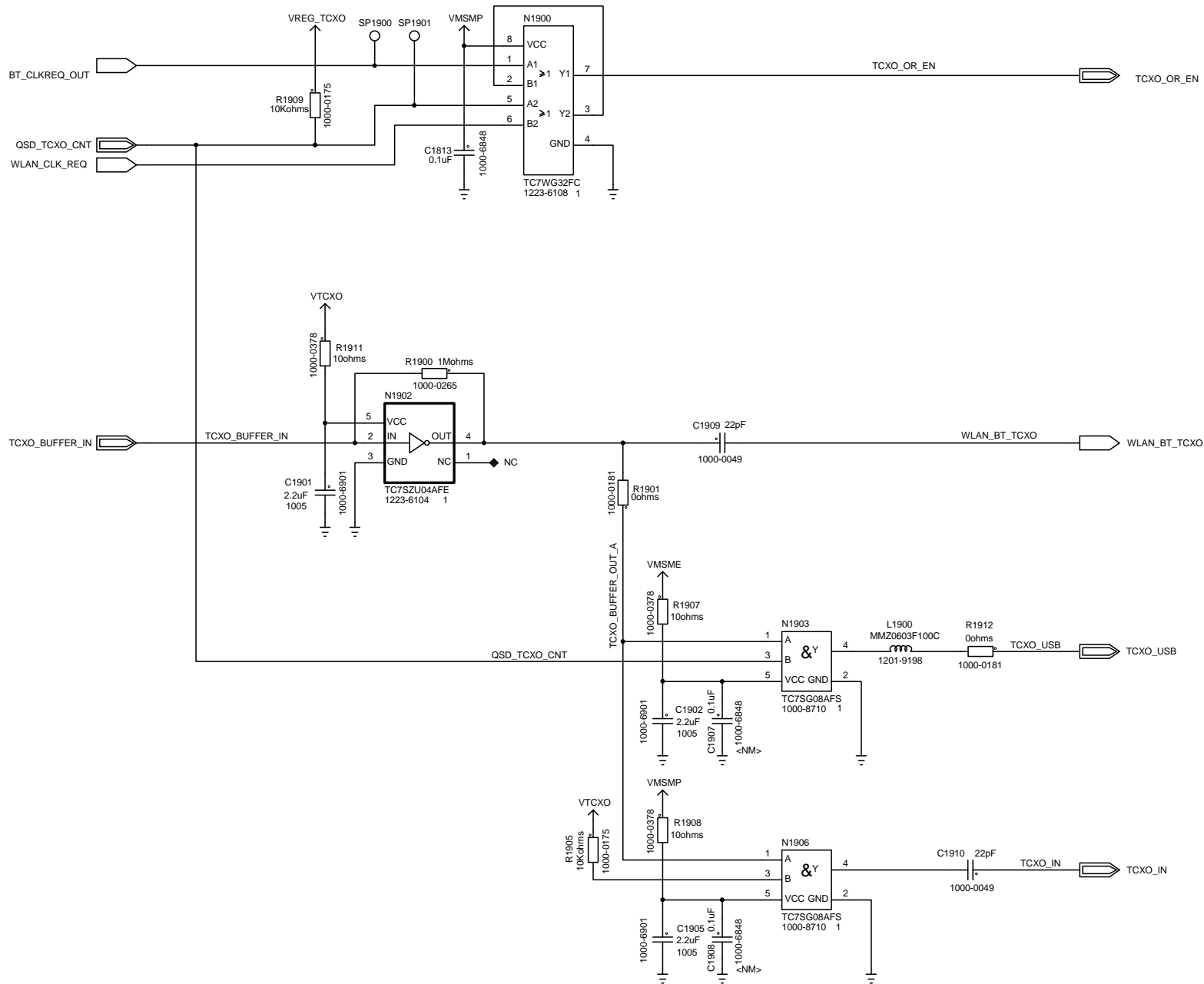
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H=11NA; V=8LD



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Bluetooth / WLAN		Dokumentansvarig/Godkand - Document responsible/Approved	Datum - Date
Tillhor - Made for		Rev	
R06-2_Bluetooth-WLAN		Produktbenamning - Product name	
		[Main Board]UMTS1.4.8	
Ritningsregler - Drawing rules		Blad - Sheet	

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