

Schematics

- electrical -

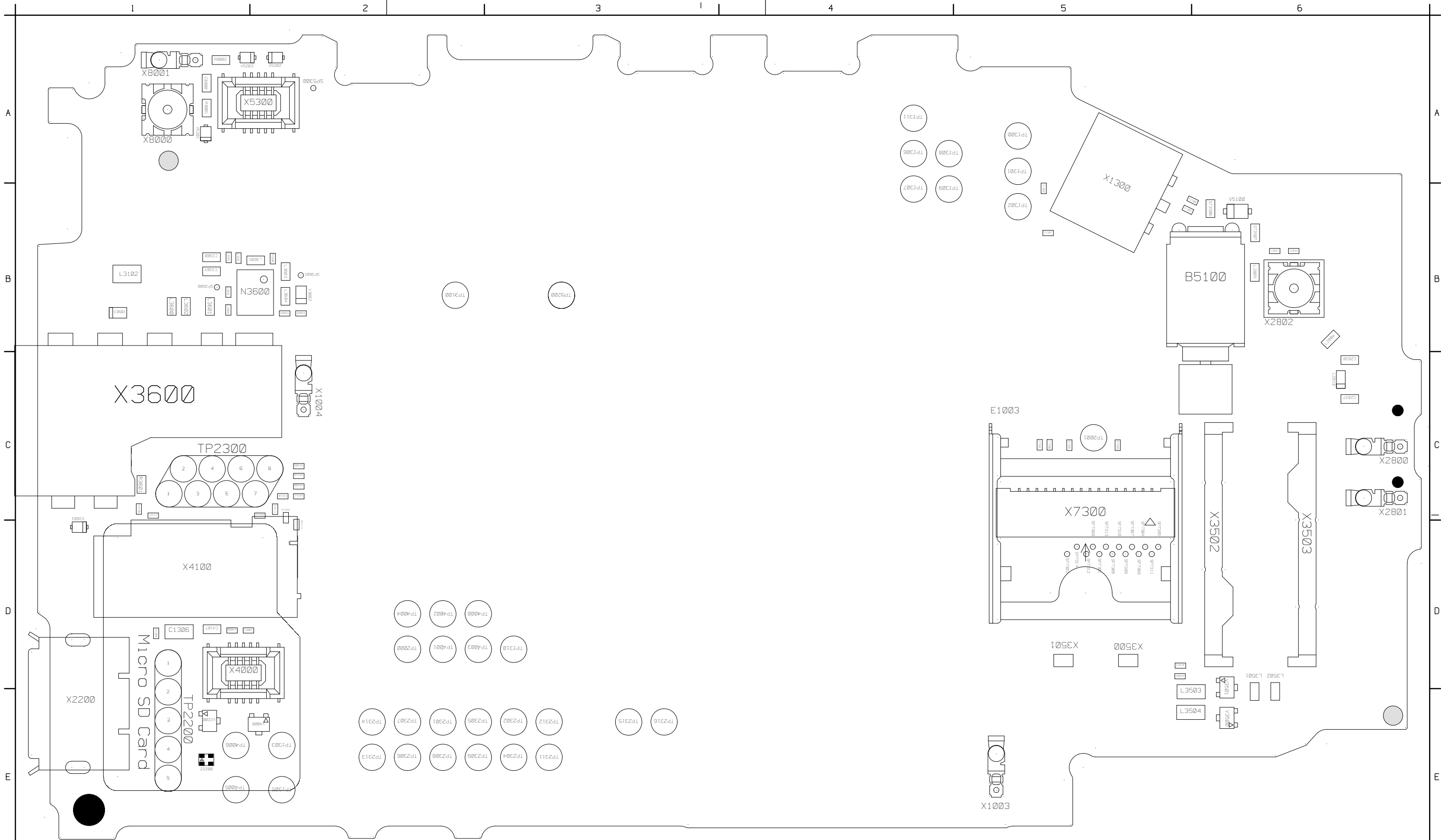


Xperia™ X10 mini

E10a, E10i

1 Revision History

Rev.	Date	Changes / Comments
1	2010-May-24	Initial release
2	2010-08-18	Now possible to find text in document



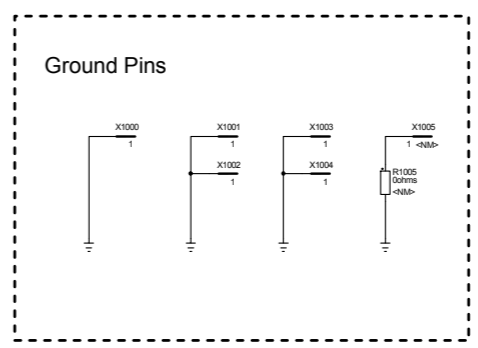
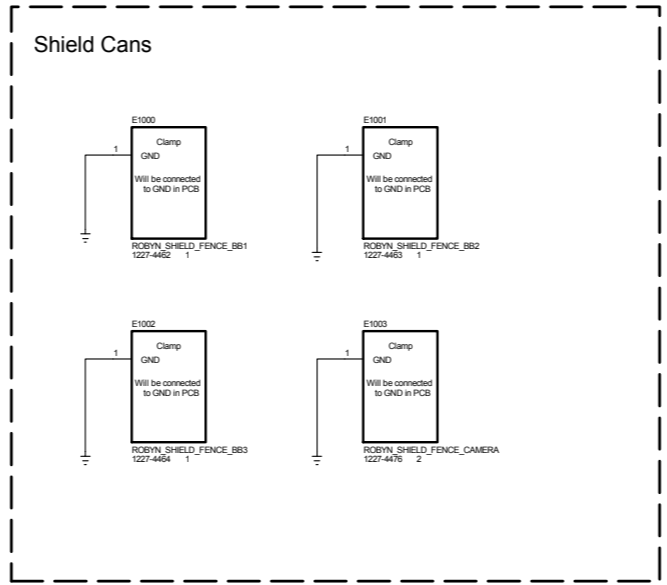
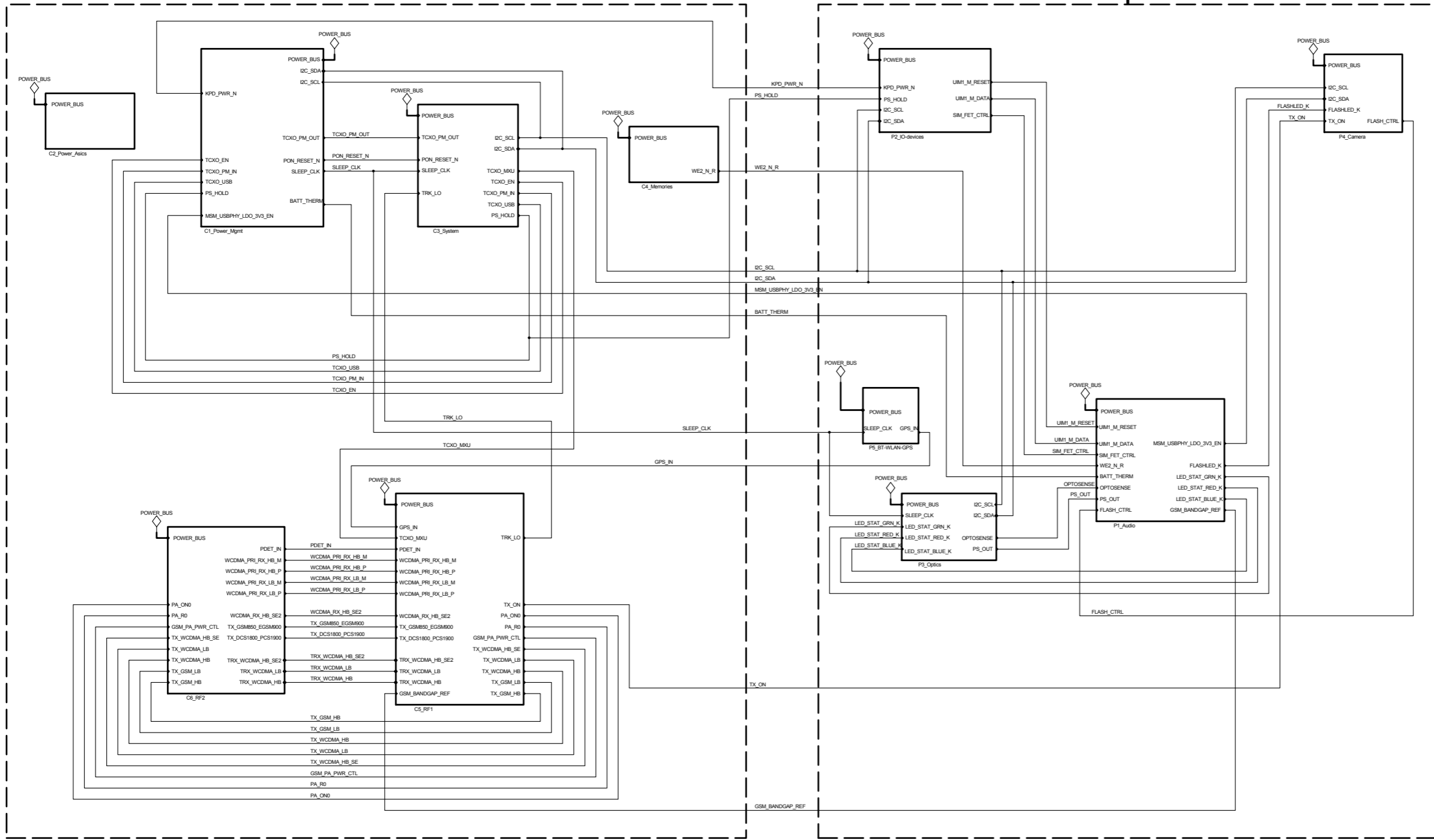
Note: Reference Designators with Uxxxx shows polarization marks, this is only valid for polarized Inductors and not applicable for none polarized RLC parts !

Secondary side of 1227-9547:4
CONFIDENTIAL

Sony Ericsson		Prepared (Also Subject Responsible if Other)	
Drawing Rules	ISO	Doc Responsible/Approved	Date Rev 15
Tolerance		Product Name	
Reference		Document No. 1229-6114	Sheet 2 (2)
Scale	Units mm	Size A3	

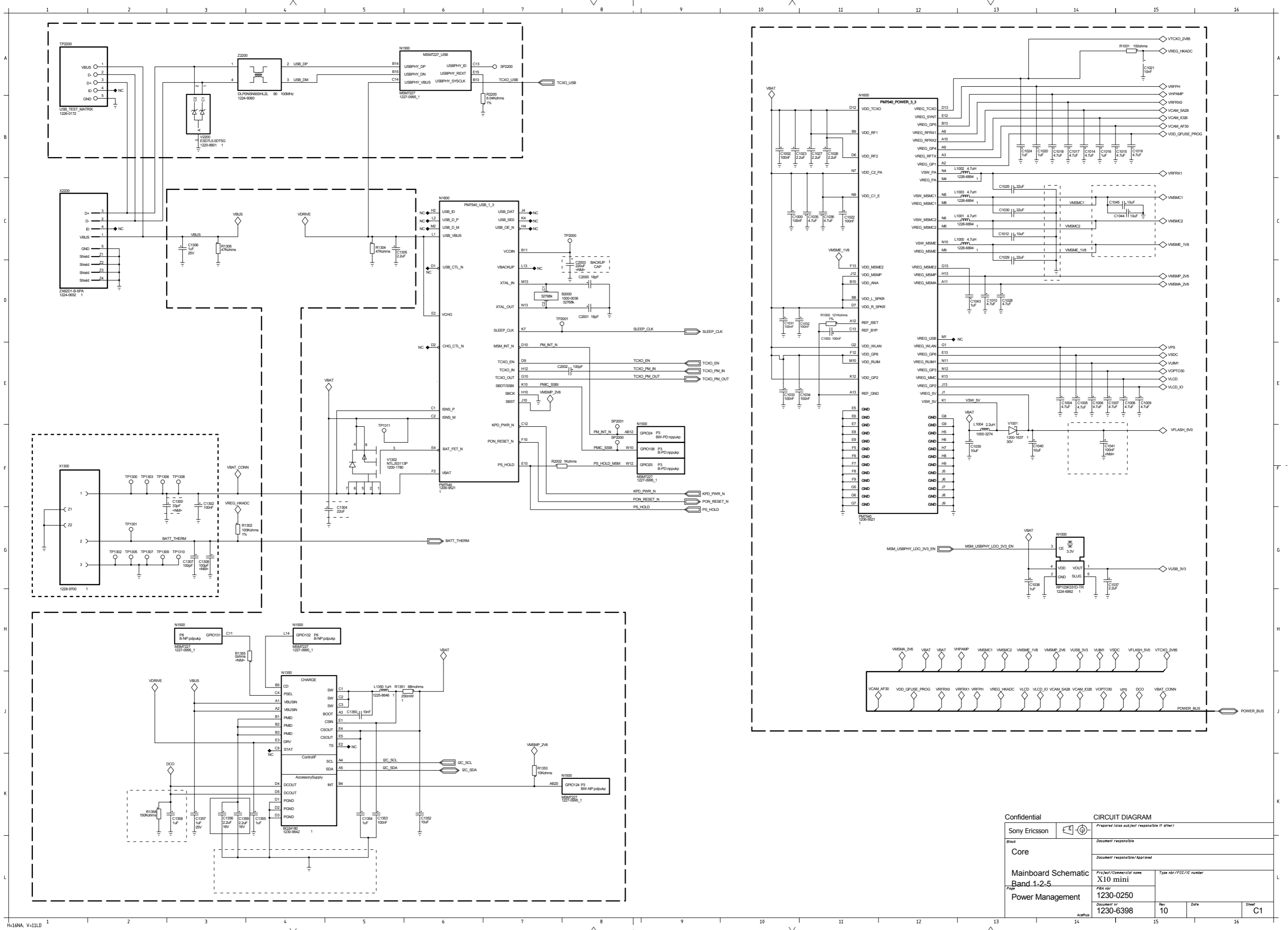
Core

Peripheral



Confidential		CIRCUIT DIAGRAM			
Sony Ericsson		Prepared (also sub/sect responsible if other)			
Bioset		Document responsible			
X10 mini Mainboard Schematic Band 1-2-5		Document responsible/Approved			
Page Top		Project/Commercial name X10 mini		Type nbr/FCC/IC number	
		PBA nbr 1230-0250			
		Document nr 1230-6398		Rev 10	Date
		AcqPlus		Sheet Top	

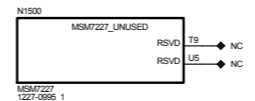
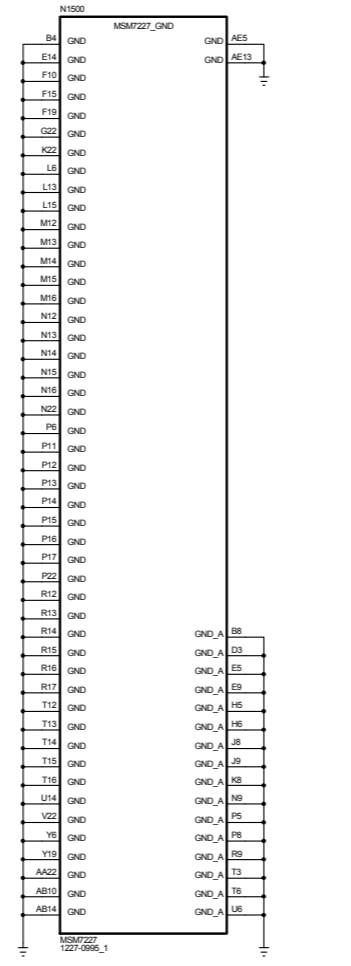
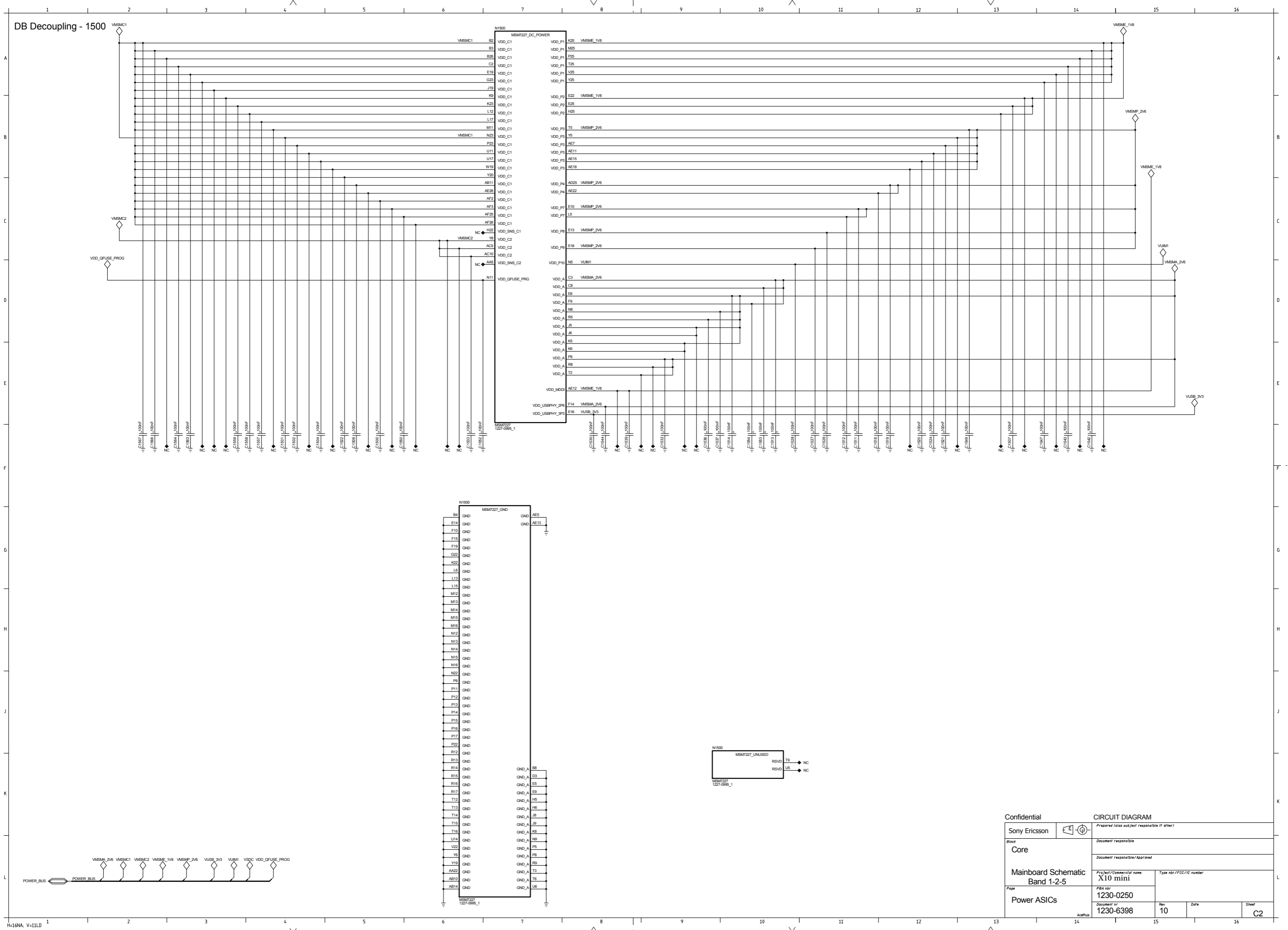
LZF 030 10U/F RB1



Confidential		CIRCUIT DIAGRAM			
Sony Ericsson		Prepared (also sub/sect responsible if other)			
Bioset		Document responsible			
Core		Document responsible/Approved			
Mainboard Schematic		Project/Commercial name		Type nbr/FC/C number	
Band 1-2-5		X10 mini			
Page		PBA nbr			
Power Management		1230-0250			
		Document nr		Rev	
		1230-6398		10	
		Date		Sheet	
				C1	

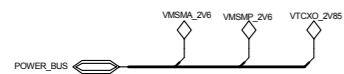
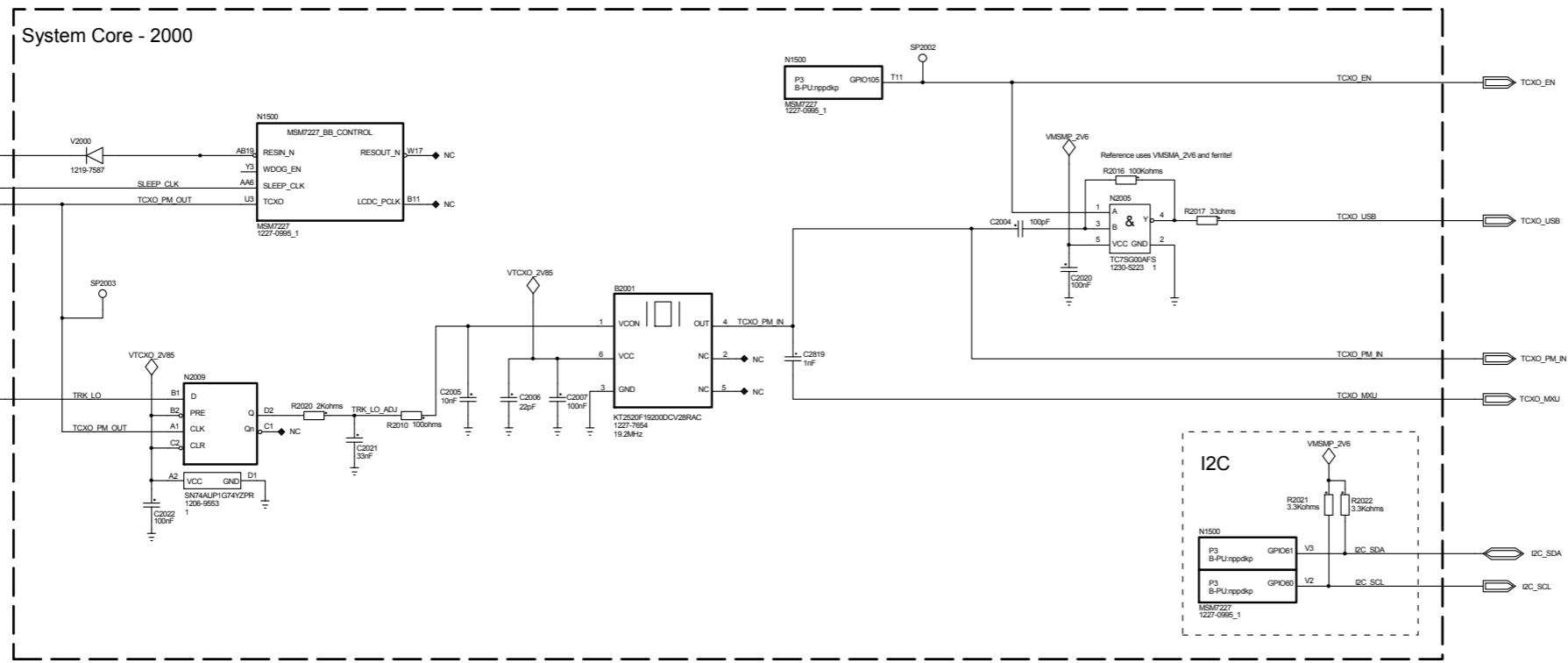
LZF 030 10U/F RB1

DB Decoupling - 1500



Confidential		CIRCUIT DIAGRAM			
Sony Ericsson		Prepared (also sub/sect responsible if other)			
Block		Document responsible			
Core		Document responsible/Approved			
Mainboard Schematic Band 1-2-5		Project/Commercial name X10 mini		Type nbr/FCC/IC number	
Page		PBA nbr 1230-0250		Date	
Power ASICs		Document nr 1230-6398		Rev 10	
Hs-16NA; V=111LD		AcqPlus		Sheet C2	

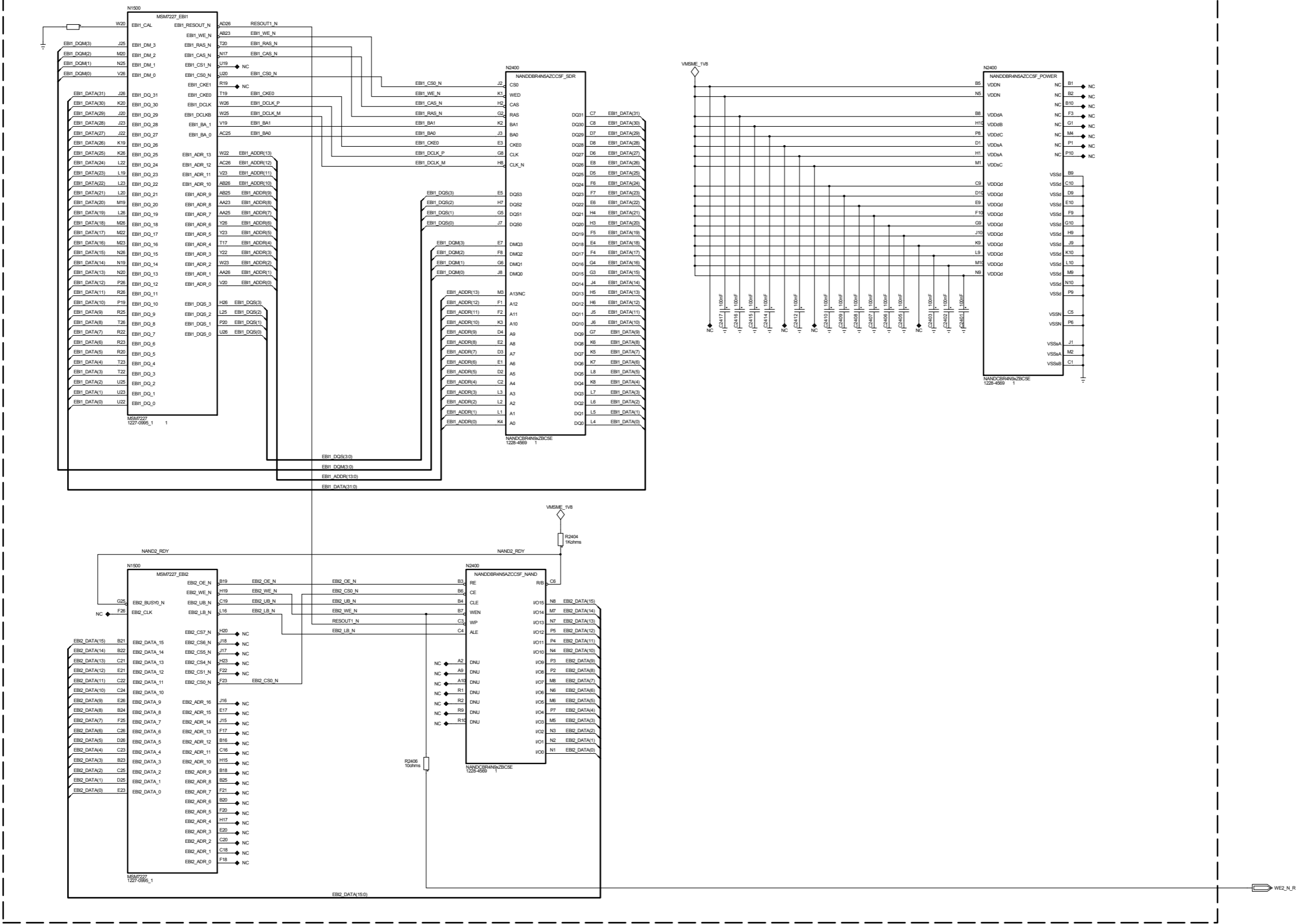
LZF 030 10J/F RB1



Confidential		CIRCUIT DIAGRAM			
Sony Ericsson		Prepared (also sub/sect responsible if other)			
Block		Document responsible			
Core		Document responsible/Approved			
Mainboard Schematic Band 1-2-5		Project/Commercial name X10 Mini	Type nbr/FCC/IC number		
Page		PBA nbr 1230-0250			
System & Debug		Document nr 1230-6398	Rev 10	Date	Sheet C3

LZF 030 10U/F RB1

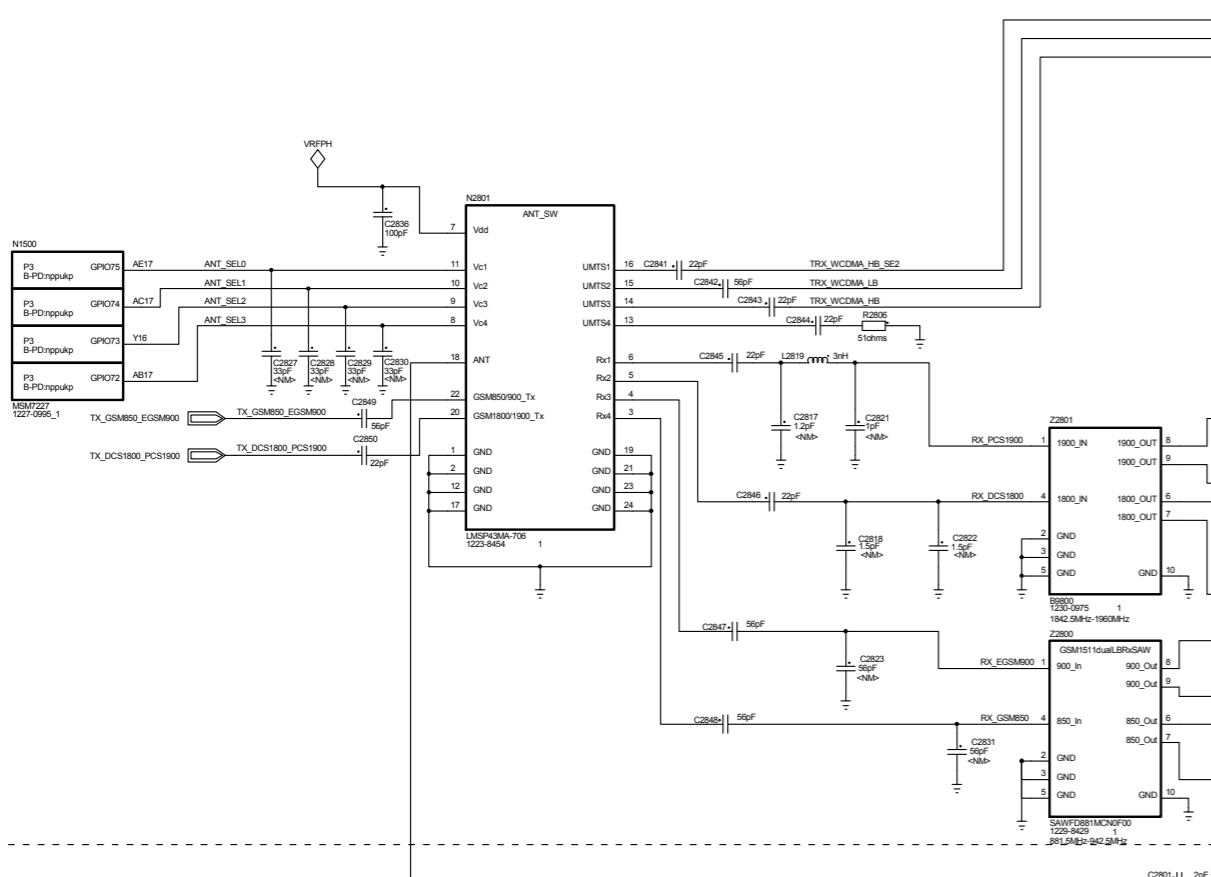
Memories - 2400



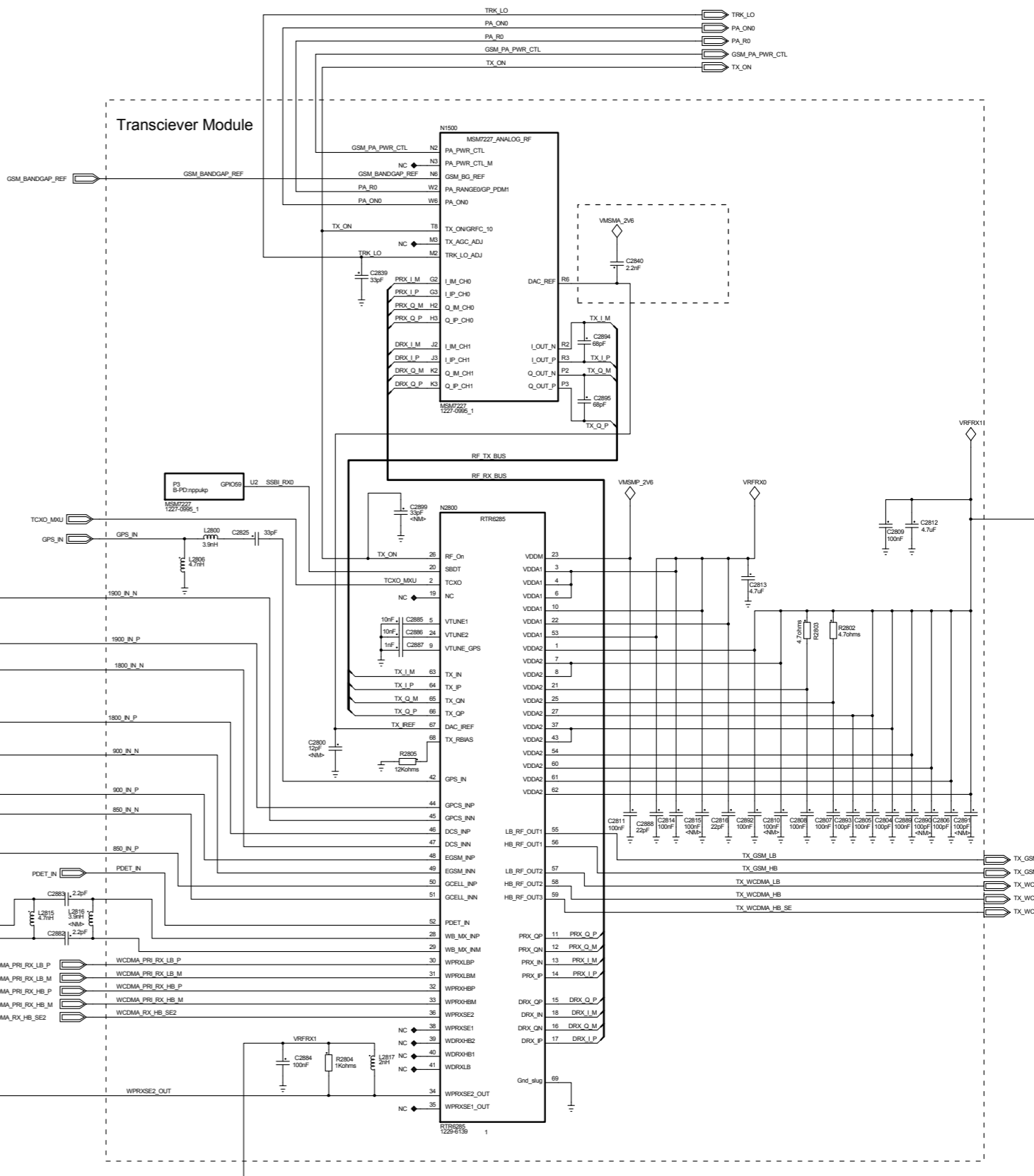
Confidential		CIRCUIT DIAGRAM			
Sony Ericsson		Prepared (also sub/sect responsible if other)			
Block		Document responsible			
Core		Document responsible/Approved			
Mainboard Schematic Band 1-2-5		Project/Commercial name X10 mini		Type nbr/FCC/IC number	
Page		PBA nbr 1230-0250		Rev	
Memories		Document nr 1230-6398		Date	
AcPlus		Rev 10		Sheet C4	

LZF 030 100/J RB1

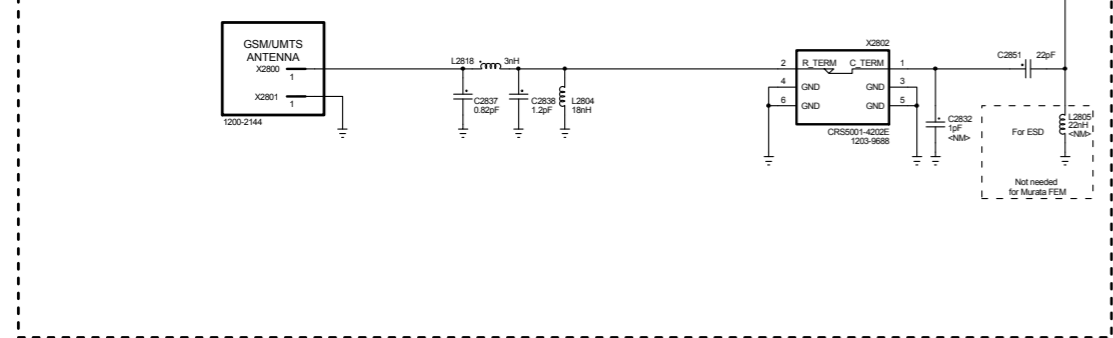
Antenna Switch & GSM Rx SAW Filters



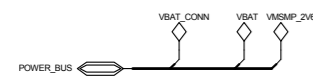
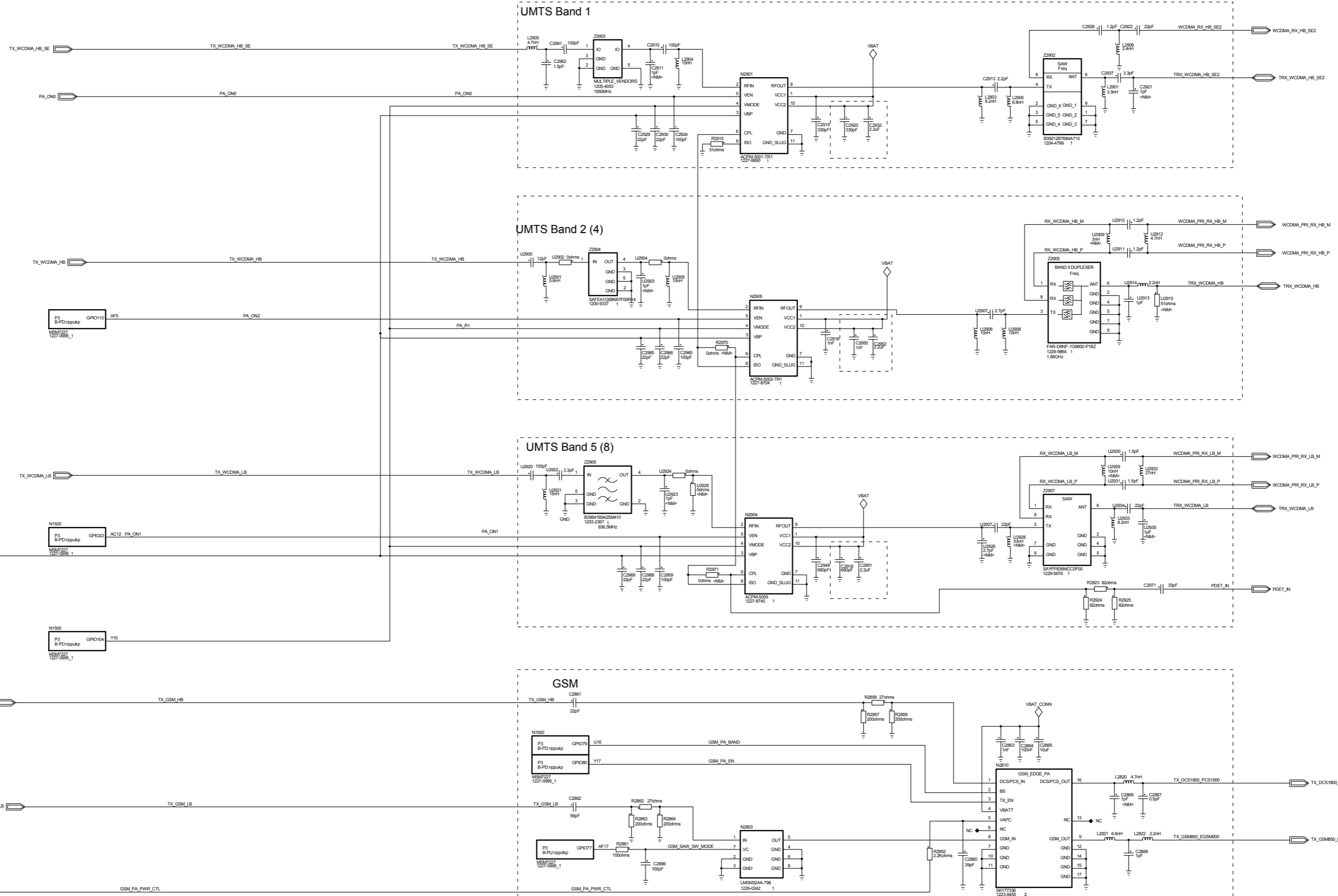
Transceiver Module



Project Specific



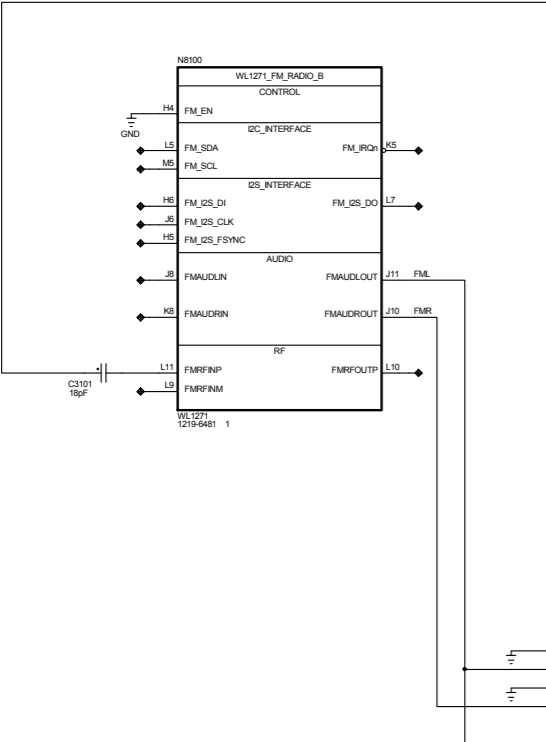
Confidential		CIRCUIT DIAGRAM	
Sony Ericsson		Prepared (also sub/sect responsible if other)	
Biosic		Document responsible	
Core		Document responsible/Approved	
Mainboard Schematic Band 1-2-5		Project/Commercial name X10 Mini	Type nbr/FCC/IC number
Page		PBA nbr 1230-0250	
RF Transceiver		Document nr 1230-6398	Rev 10
		Date	Sheet C5



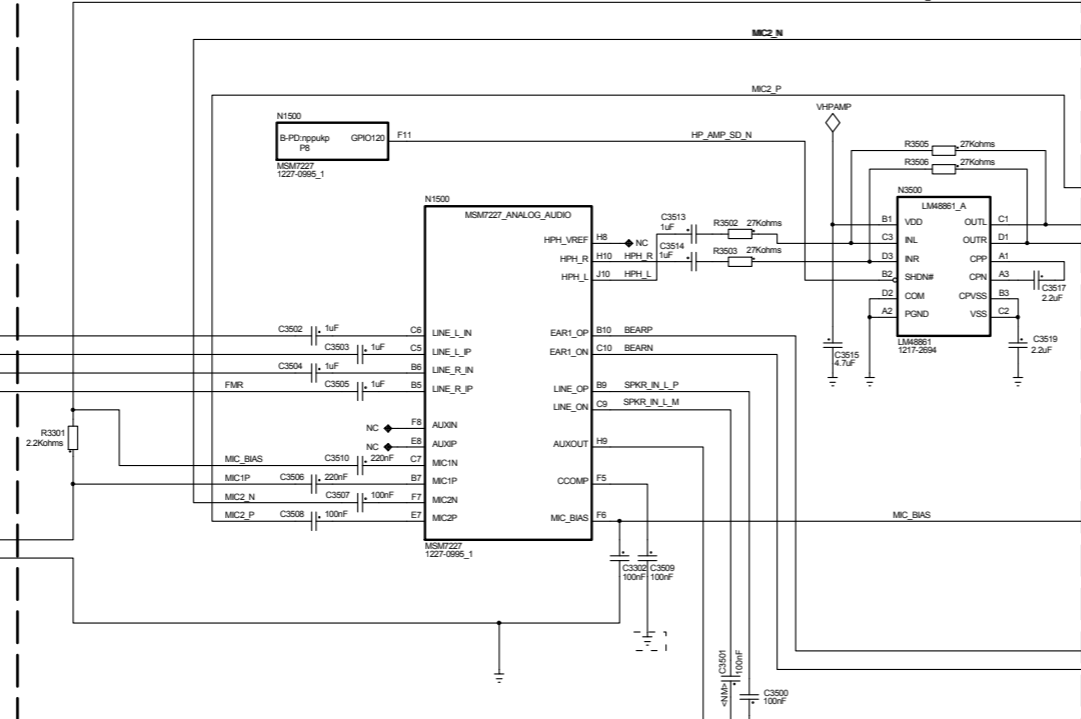
Confidential		CIRCUIT DIAGRAM	
Sony Ericsson		Prepared (also sub/sect responsible if other)	
Bioset		Document responsible	
Core		Document responsible/Approved	
Mainboard Schematic		Project/Commercial name	
Band 1-2-5		X10 Mini	
Page		PBA nbr	
RF Power Amps		1230-0250	
Ac4Plus		Document nr	
		1230-6398	
		Rev	
		10	
		Date	
		Sheet	
		C6	

LZF 030 10U/F RB1

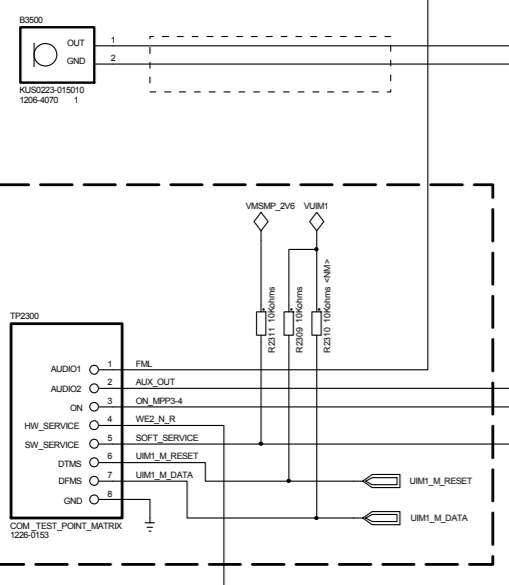
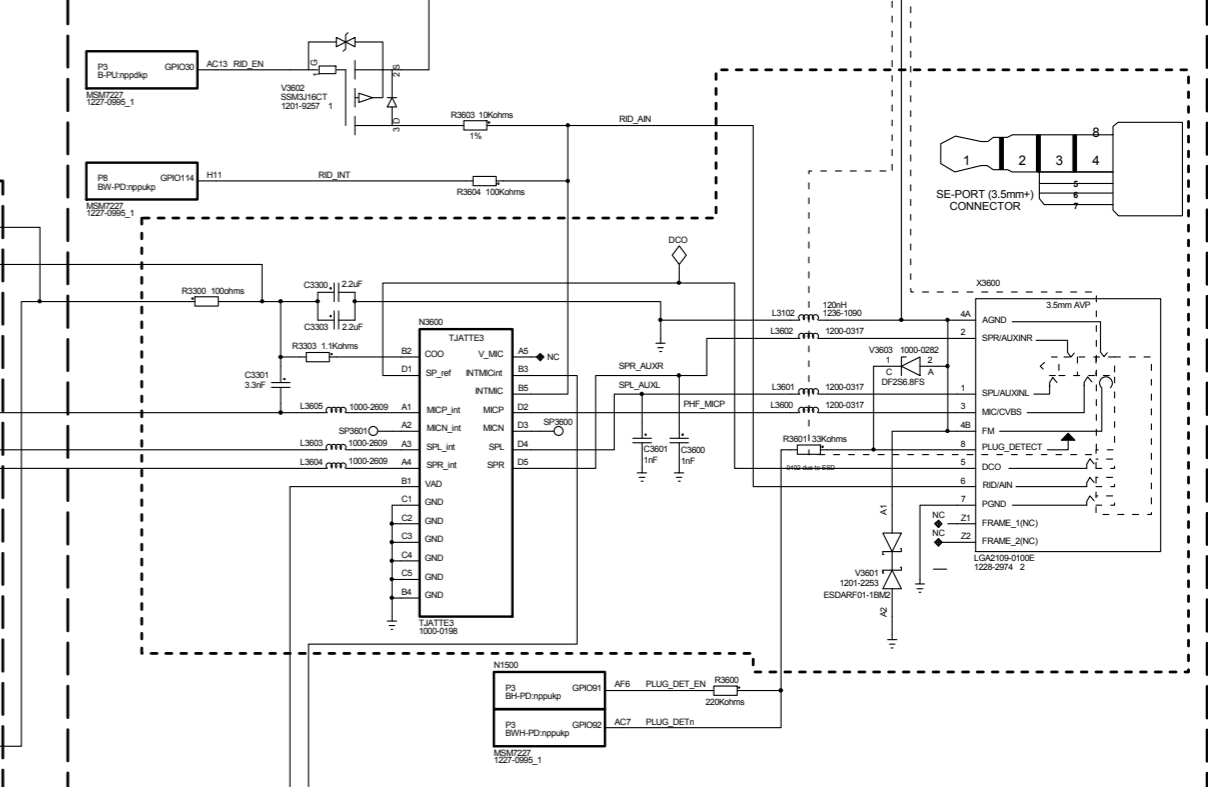
FM Radio - 3100



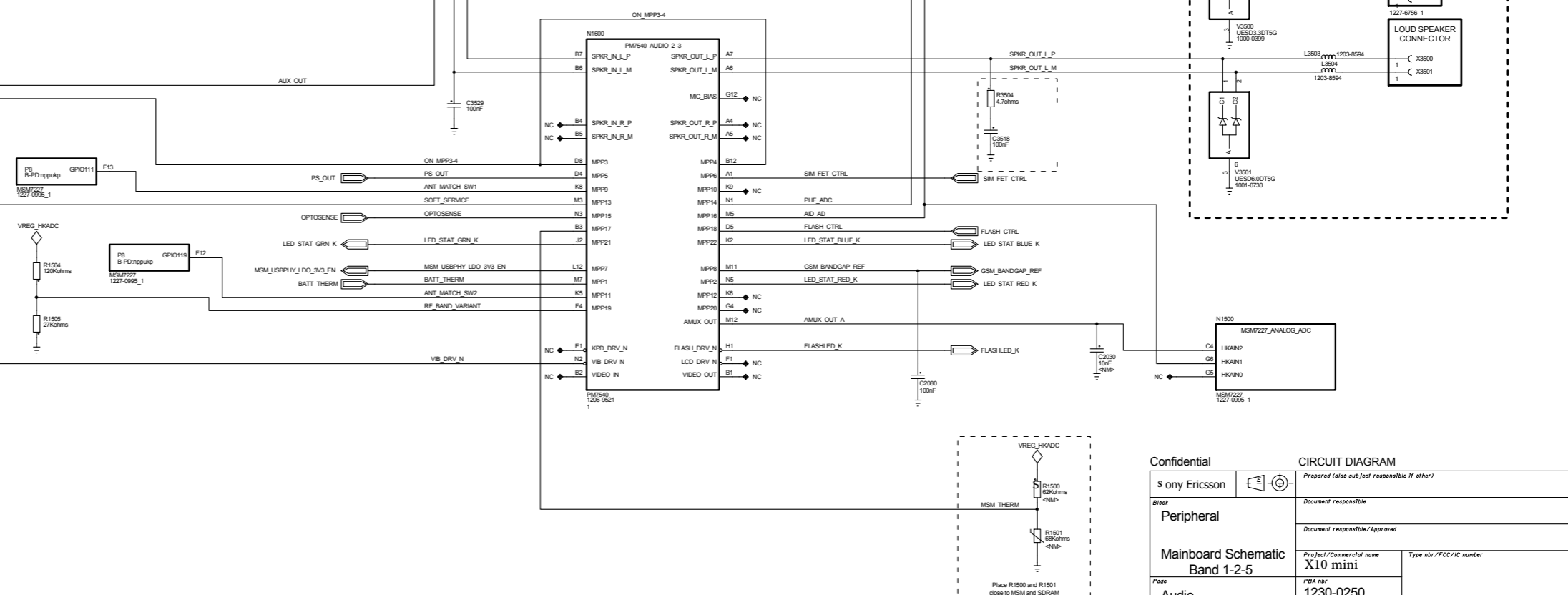
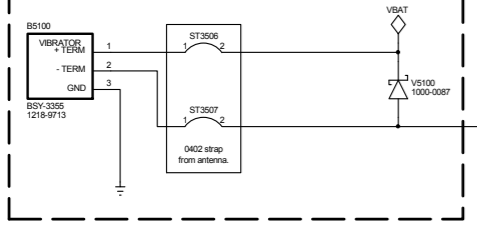
Analog Audio - 3500



SE-PORT - 3600

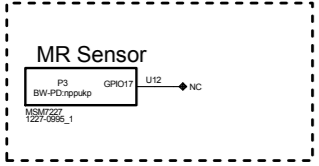
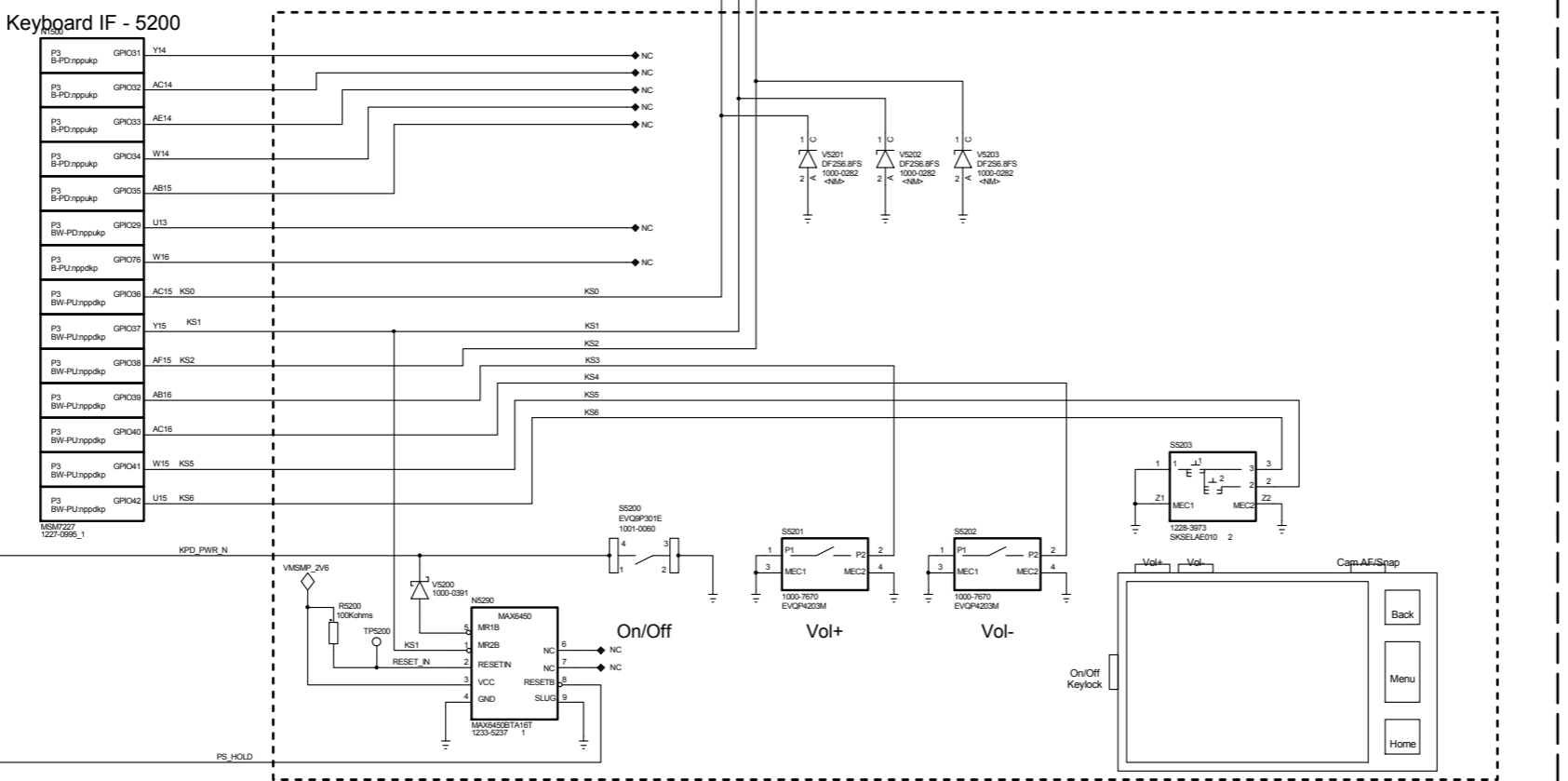
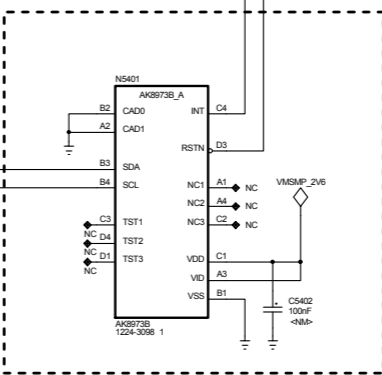
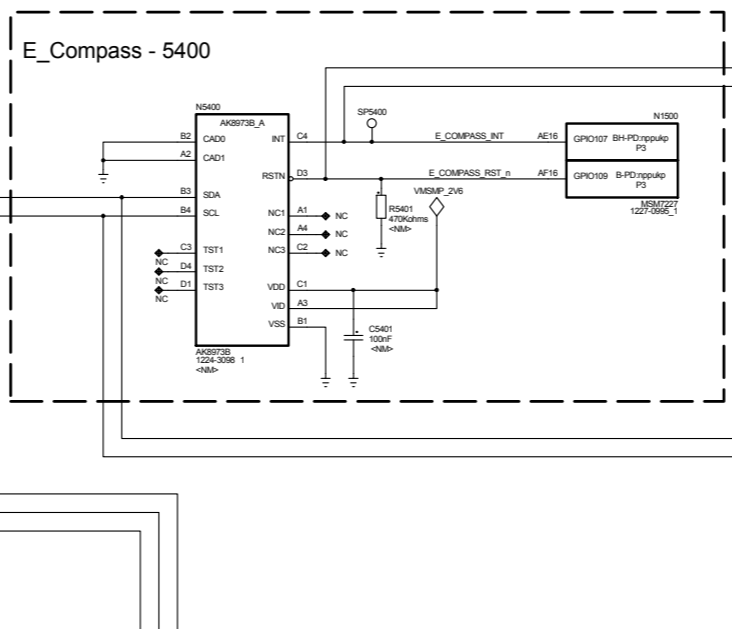
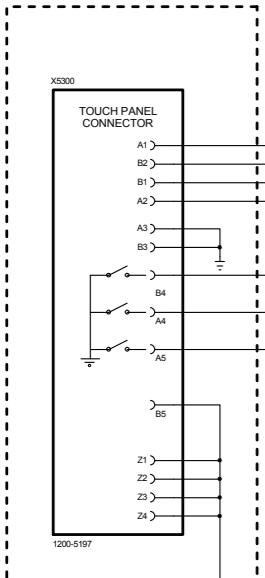
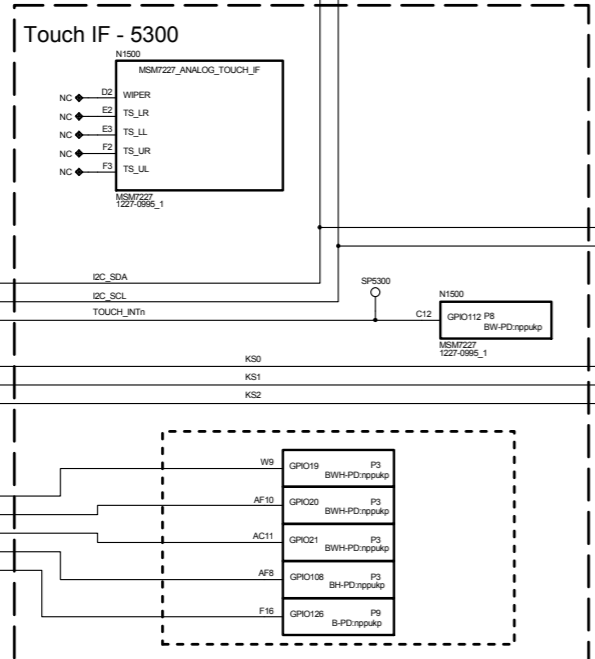
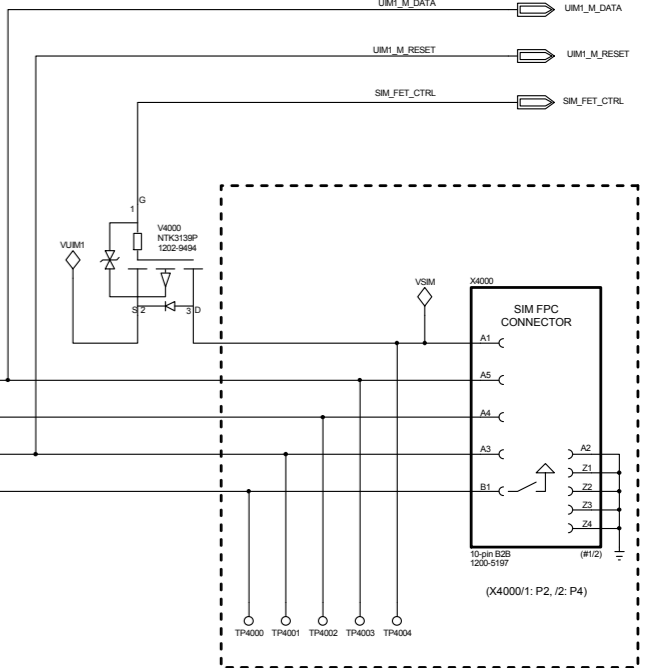
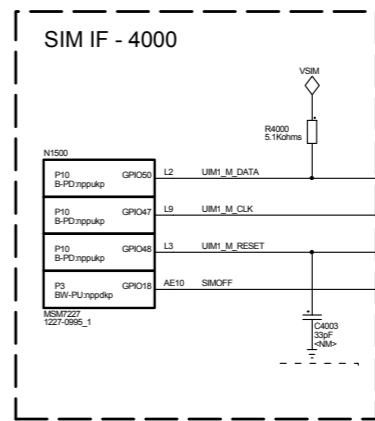
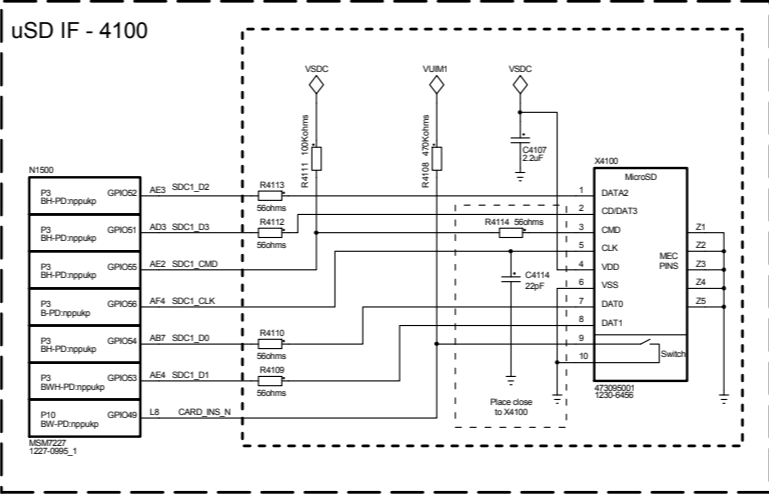
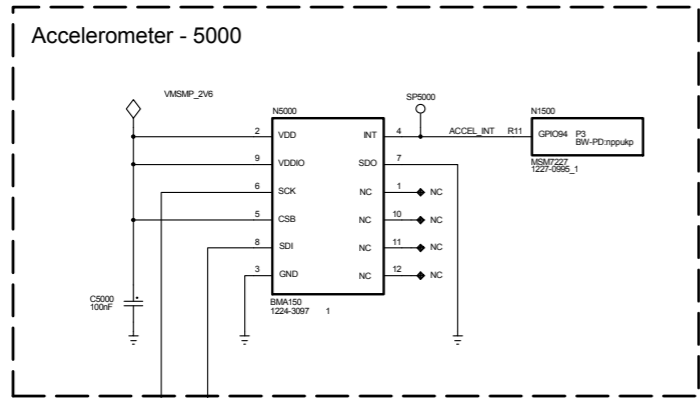


Vibrator - 5100



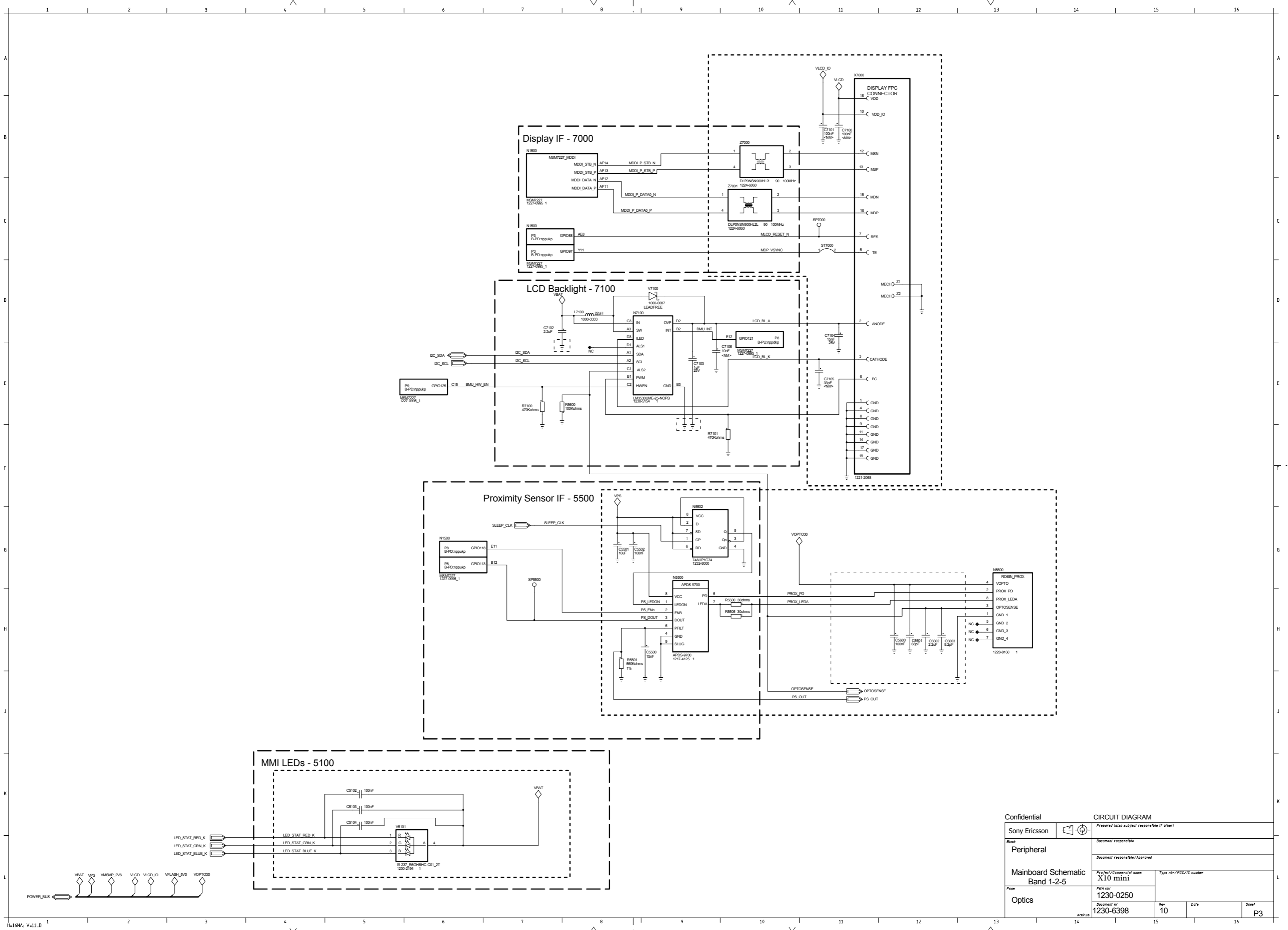
Confidential		CIRCUIT DIAGRAM	
s ony Ericsson		Prepared (also sub/sect responsible if other)	
Bioset		Document responsible	
Peripheral		Document responsible/Approved	
Mainboard Schematic Band 1-2-5		Project/Commercial name	Type nbr/CC/IC number
Page		1230-0250	
Audio		Document nr	Rev
		1230-6398	10
		Date	Sheet
			P1

LZF 030 10U/F RB1



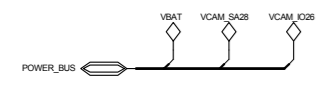
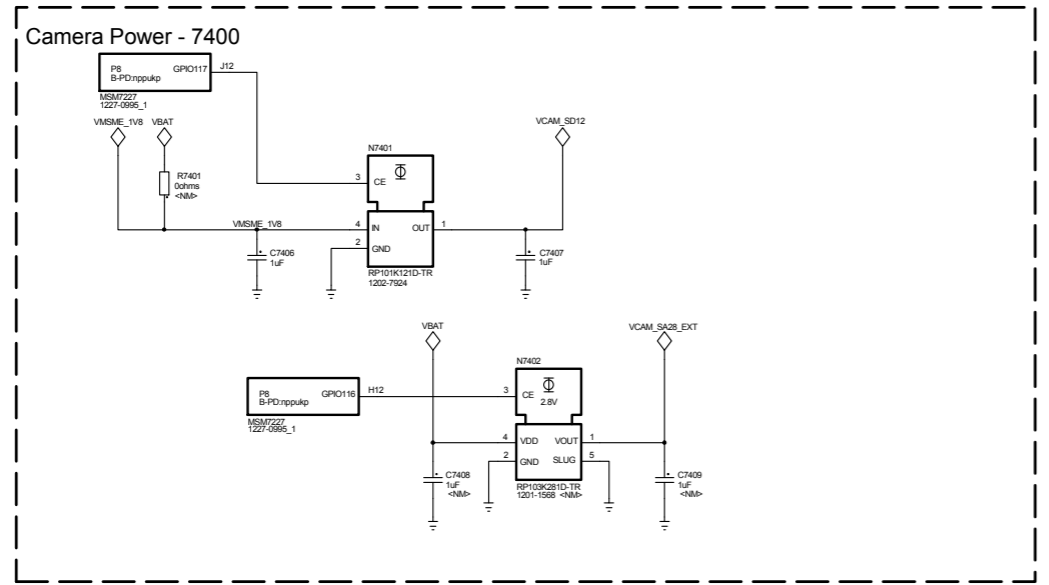
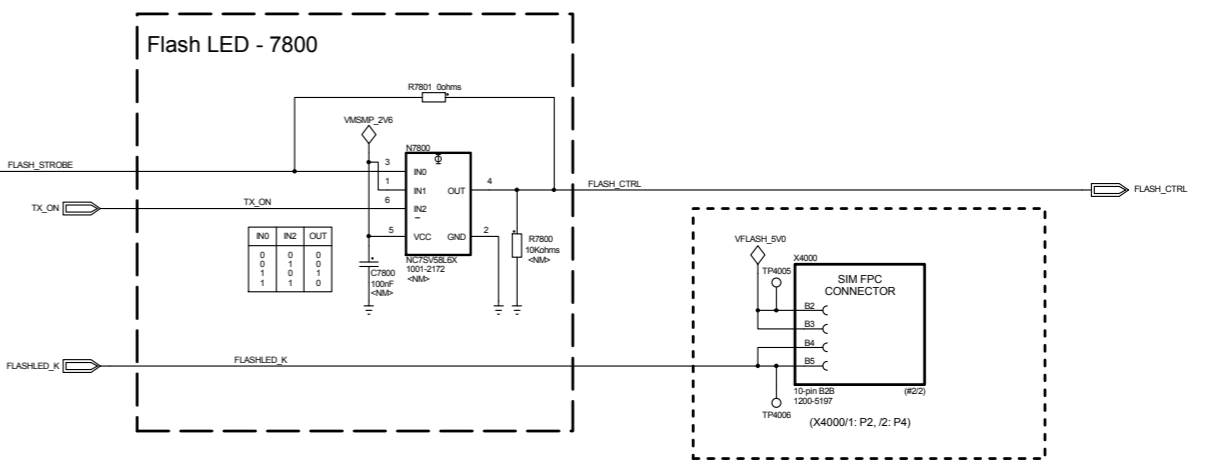
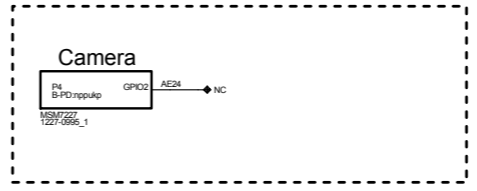
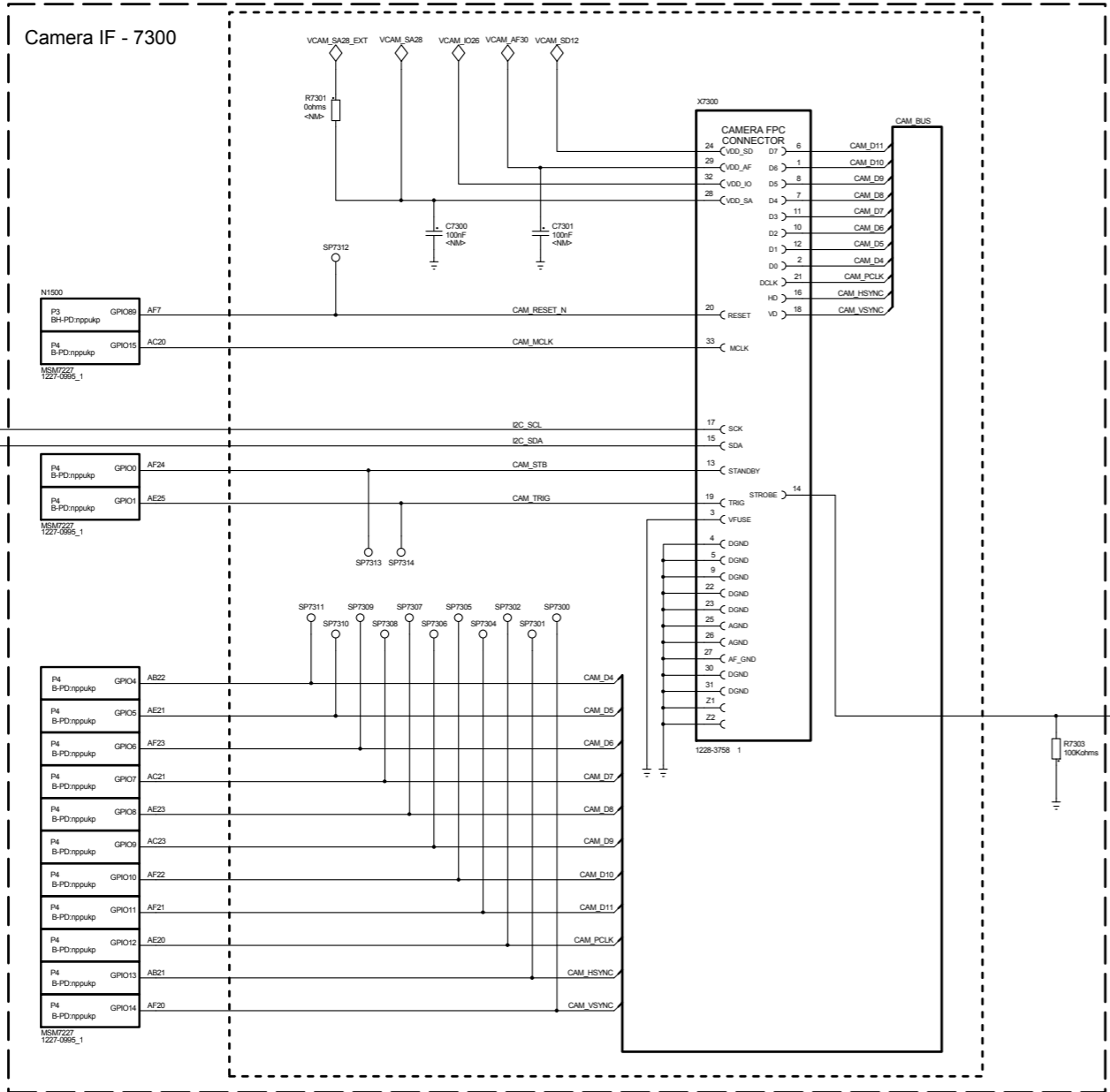
Confidential		CIRCUIT DIAGRAM			
Sony Ericsson		Prepared (also sub/sect responsible if other)			
Block		Document responsible			
Peripheral		Document responsible/Approved			
X 10 mini		Proj/sect/Commercial name		Type nbr/FCC/IC number	
Mainboard Schematic		X10 Mini			
Band 1-2-5		PBA nbr			
Page		1230-0250			
I/O Devices		Document nr		Rev	
		1230-6398		10	
		Date		Sheet	
				P2	

LZF 030 10U/F RB1



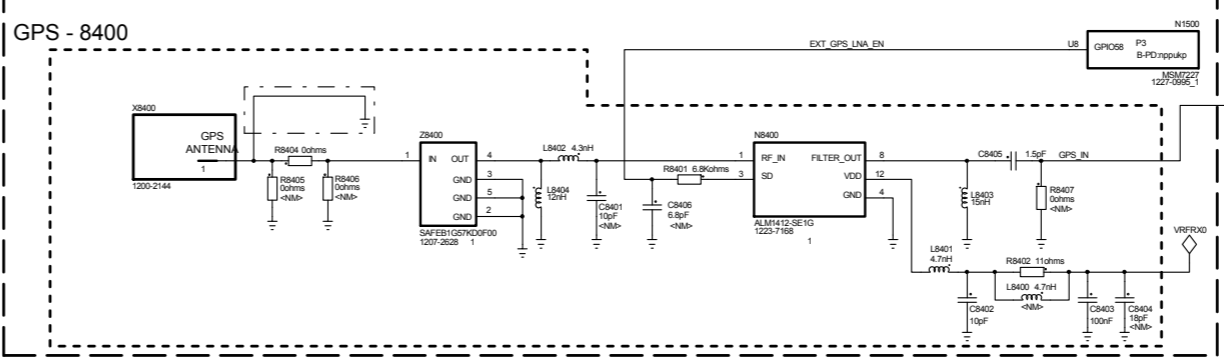
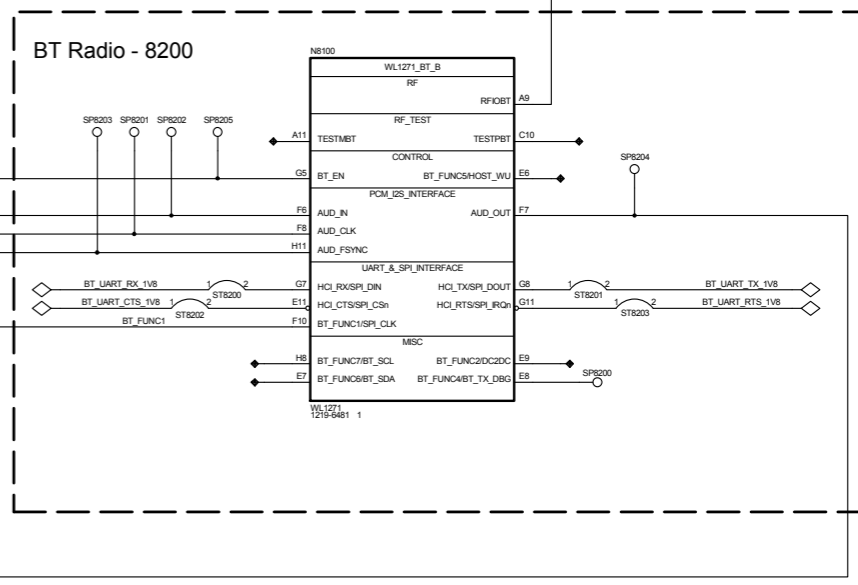
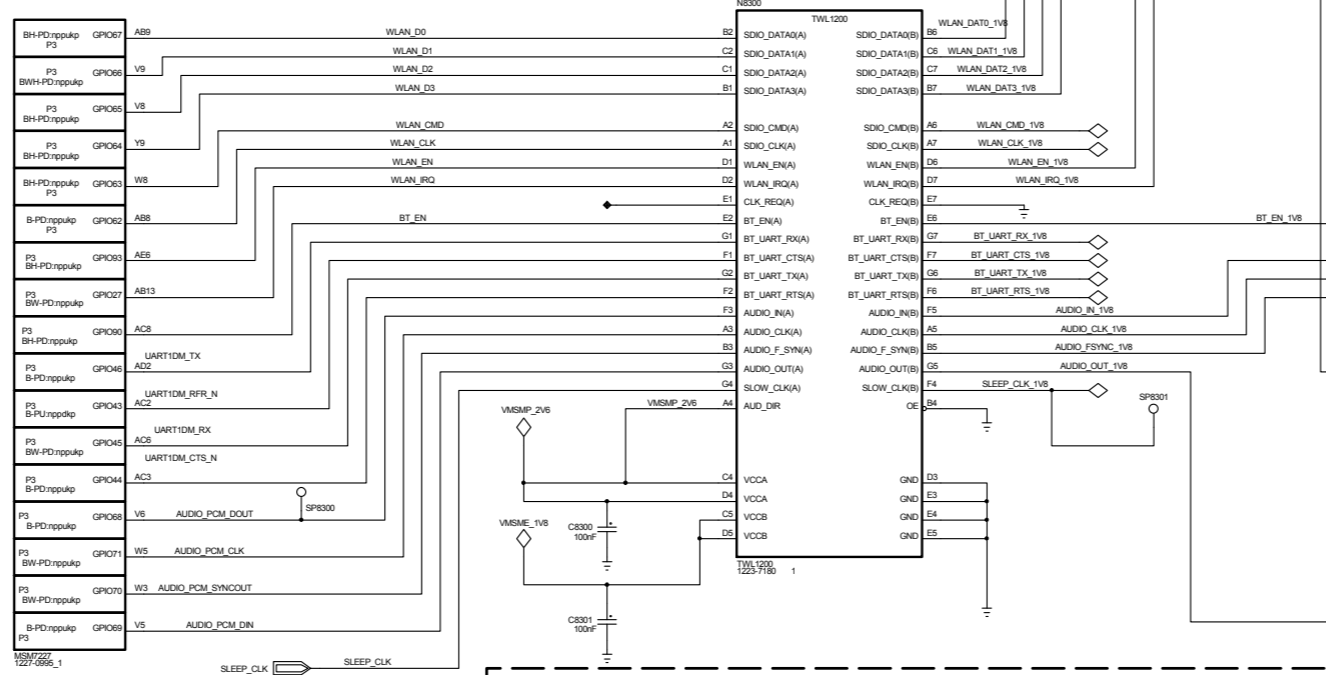
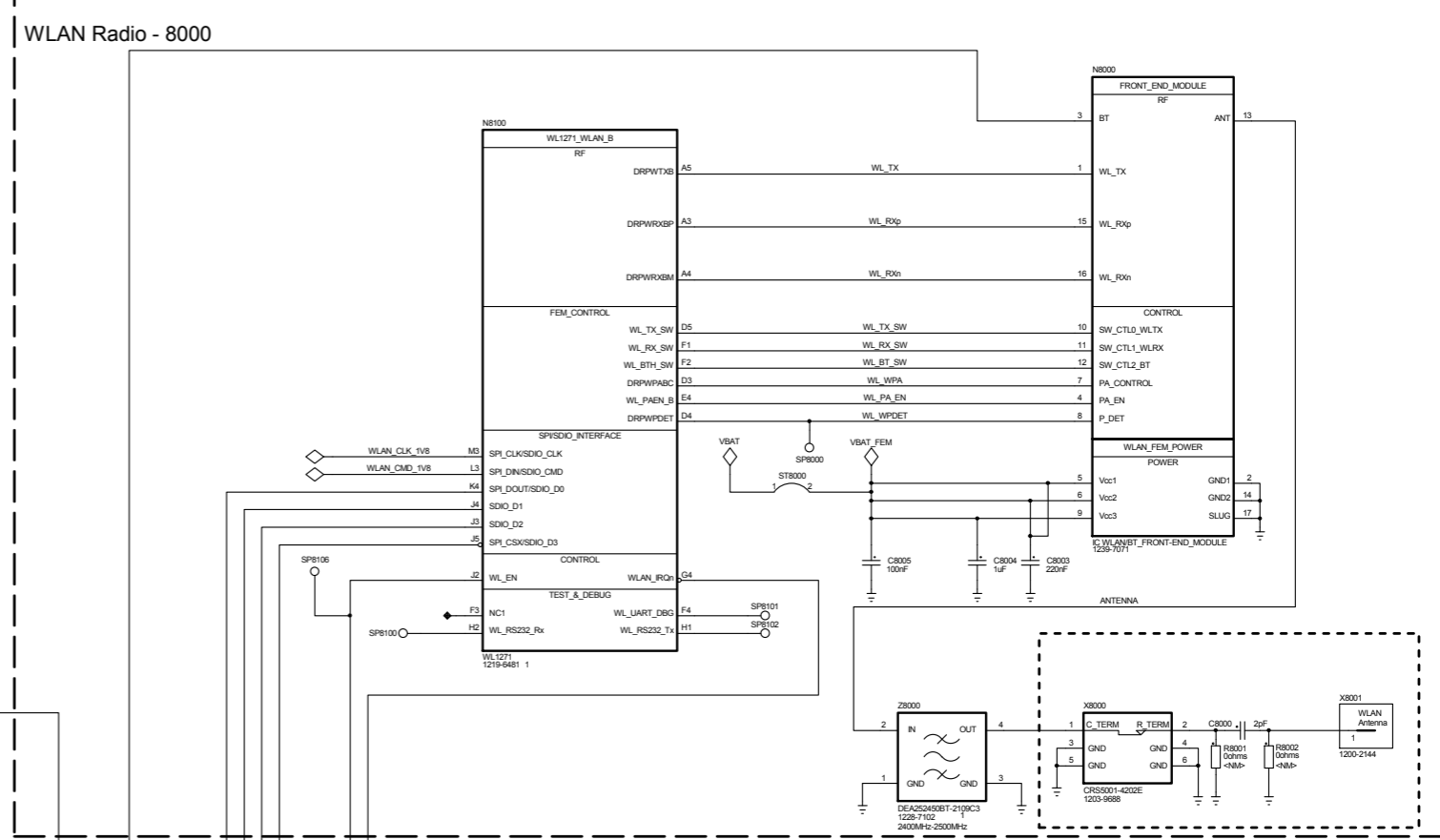
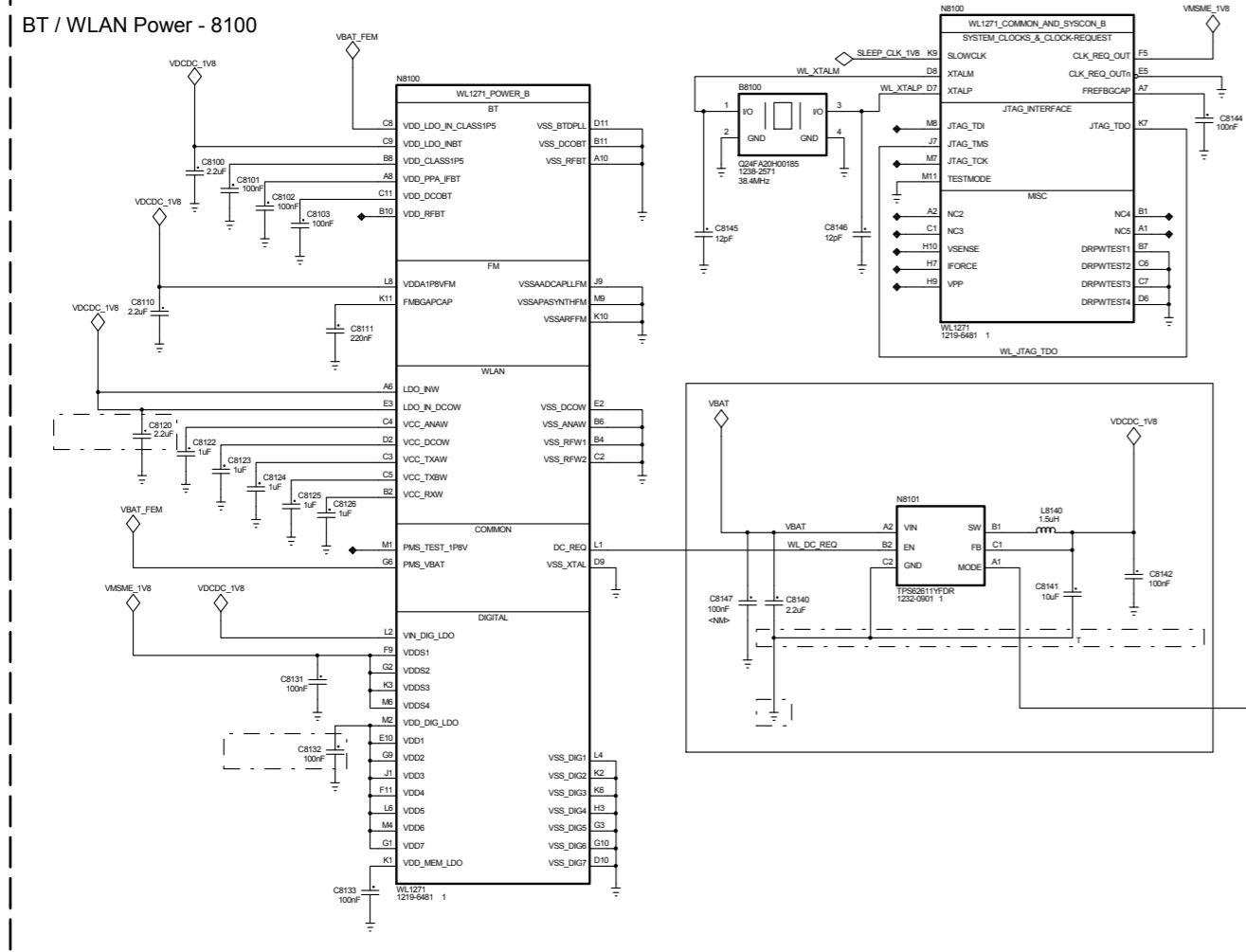
Confidential		CIRCUIT DIAGRAM			
Sony Ericsson		Prepared (also sub/sect responsible if other)			
Bioset		Document responsible			
Peripheral		Document responsible/Approved			
Mainboard Schematic Band 1-2-5		Project/Commercial name X10 mini		Type nbr/FCC/IC number	
Page		PBA nbr 1230-0250		Date	
Optics		Document nr 1230-6398		Rev 10	
AcqPlus		Date		Sheet P3	

LZF 030 10U/F RB1



Confidential		CIRCUIT DIAGRAM			
Sony Ericsson		Prepared (also sub/sect responsible if other)			
Block		Document responsible			
Peripheral		Document responsible/Approved			
Mainboard Schematic Band 1-2-5		Project/Commercial name X10 mini		Type nbr/FCC/IC number	
Page		PBA nbr 1230-0250		Rev 10	
Camera		Document nr 1230-6398		Date	
AcPlus		Rev		Date	
				Sheet P4	

LZF 030 10U/F RB1



Confidential

Sony Ericsson

CIRCUIT DIAGRAM

Prepared (also sub/sect responsible if other)

Document responsible

Document responsible/Approved

Project/Commercial name: **X10 mini**

Type nbr/FCC/IC number

Mainboard Schematic Band 1-2-5

Page: **BT / WLAN / GPS**

Part no: **1230-0250**

Document nr: **1230-6398**

Rev: **10**

Date

Sheet: **P5**

LZF 030 10U/F RB1