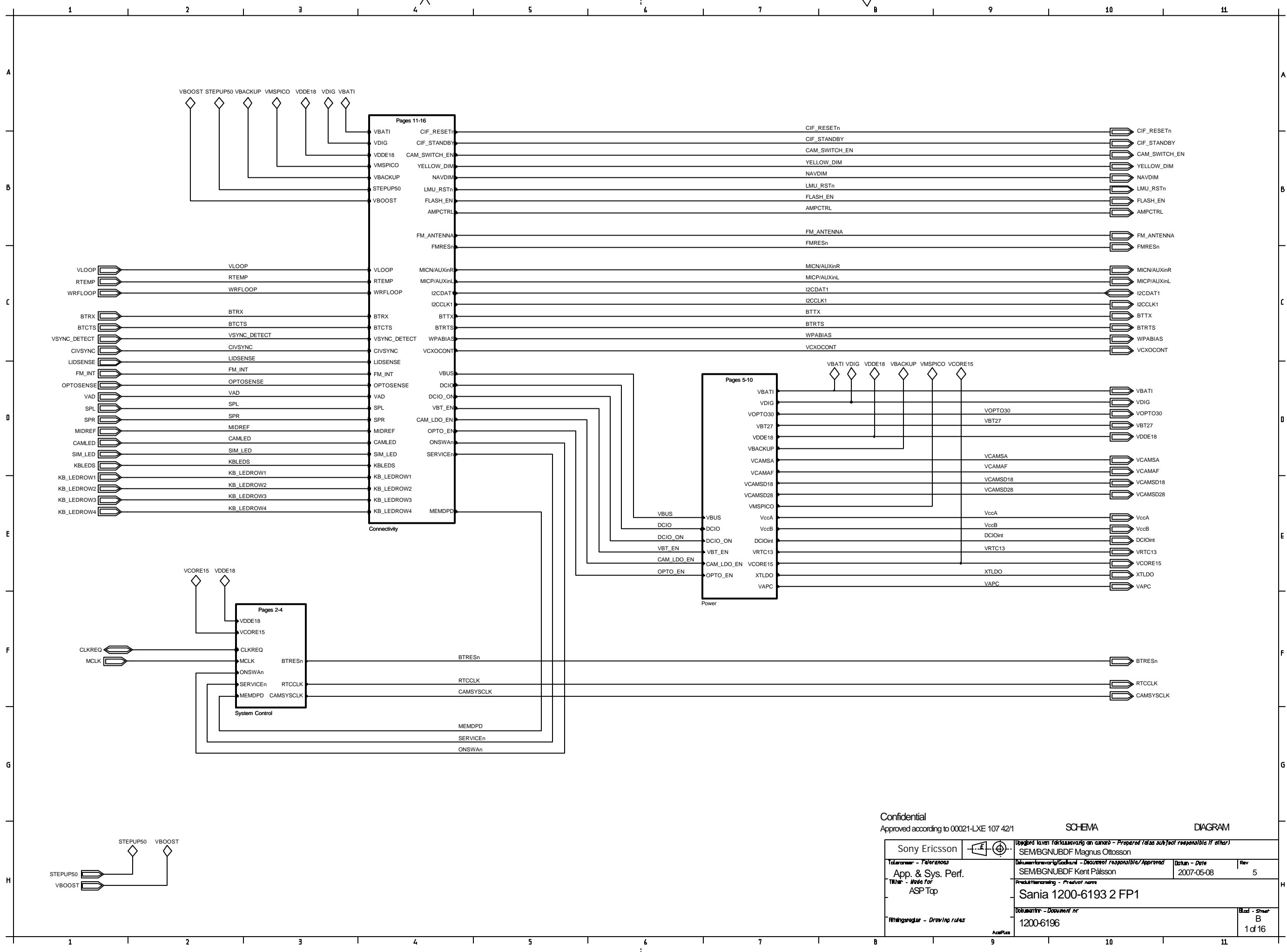


Confidential		Approved according to 00021-LXE 107 42/1		SCHEMA		DIAGRAM	
Sony Ericsson		Updated version information on annex - Reported to be responsible if other		SEMBGUBDF Magnus Ottosson			
Tillman - Valgren		SEMBGUBDF Kent Pålsson		Date - 2007-05-14		Rev - 5	
Tillman - Work for		Sania Top		Product name		Sania 1200-6193 2 FP1	
Ringsjögar - Drawing rules		1200-6195		Blad - Sheet		1 of 1	

LZF 030 107/F R8

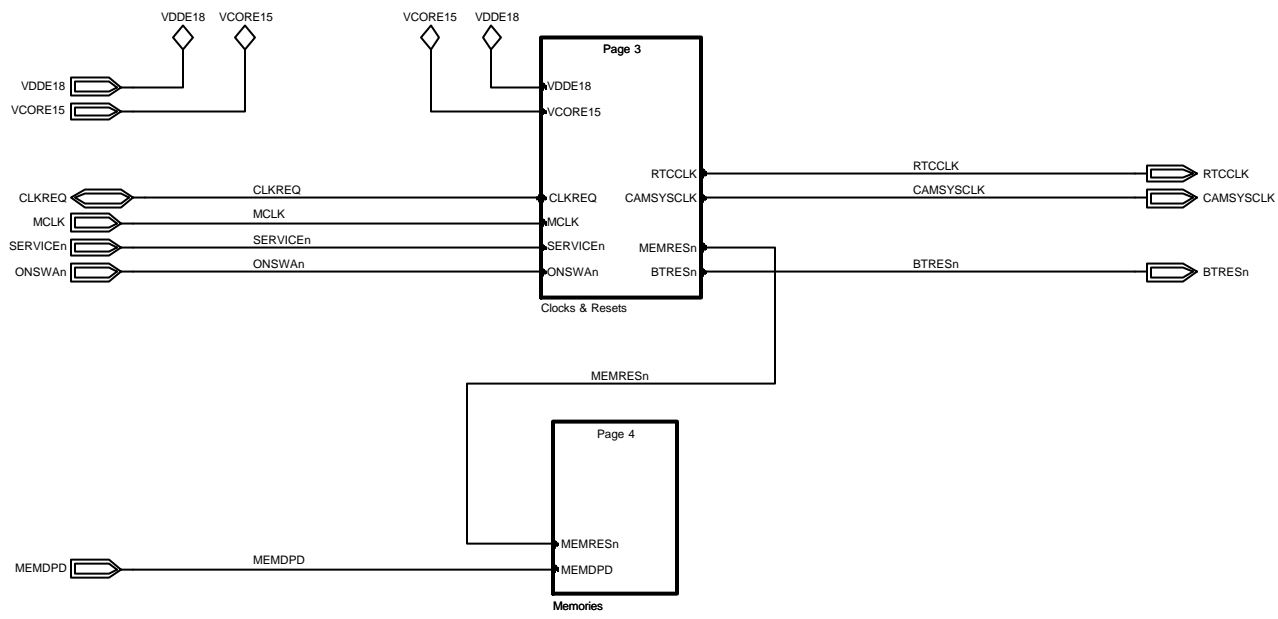


Confidential
Approved according to 00021-LXE 107 42/1

SCHEMA DIAGRAM

Sony Ericsson		Uppgård laven (förklaras av anställt - Prepared (also subject responsibility if other))	
SEMBUGNUBDF Magnus Ottosson		SEMBUGNUBDF Kent Pålsson	
Tolkarens - <i>Tolkarens</i>	App. & Sys. Perf.	Datum - Date	Rev
ASP Top		2007-05-08	5
Produktansvarig - <i>Produktansvarig</i>		Sania 1200-6193 2 FP1	
Föringsregler - <i>Drawing rules</i>		1200-6196	Blad - Sheet B 1 of 16

LZF 030 107/F R8




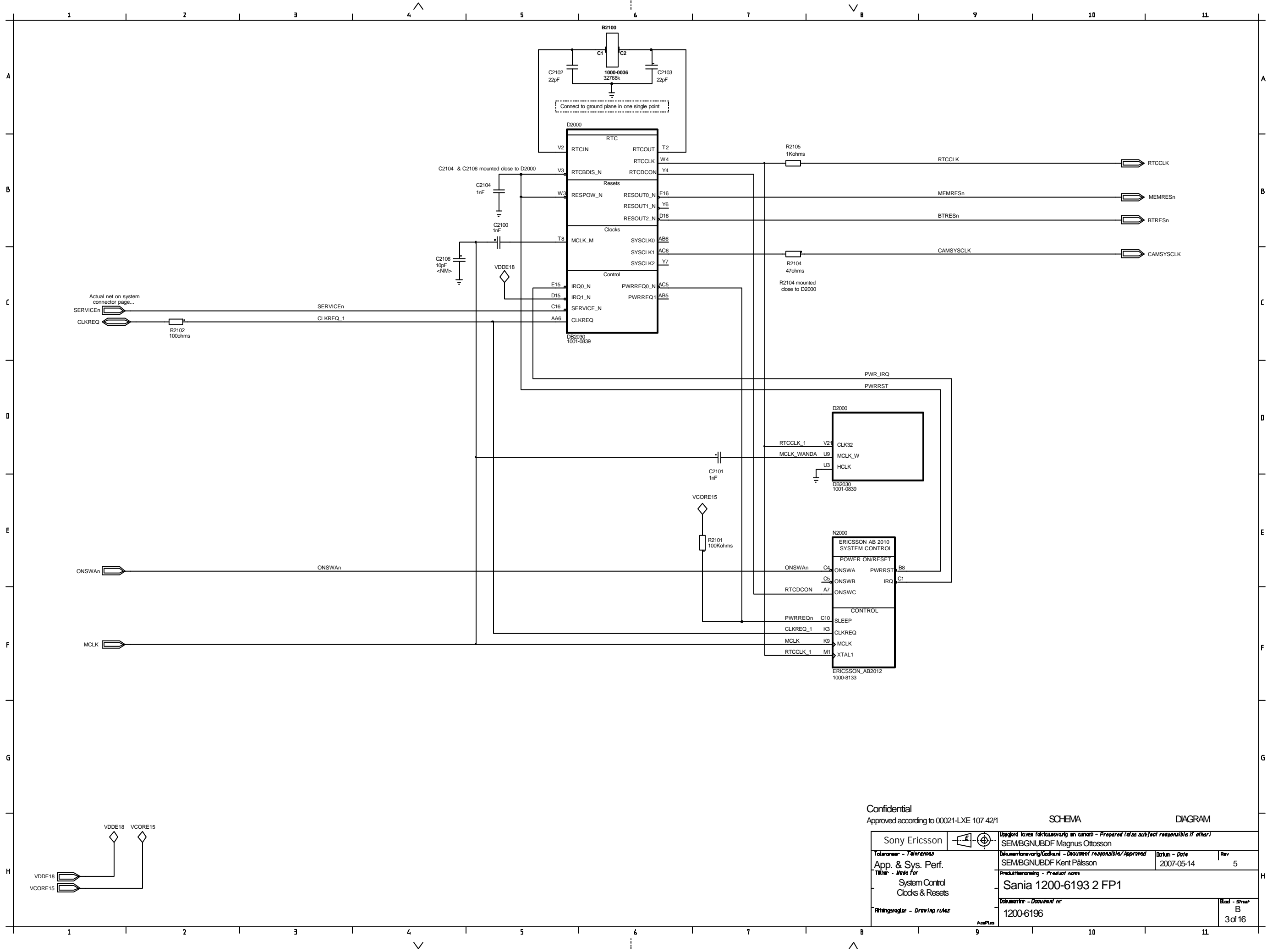
Confidential

Approved according to 00021-LXE 107 42/1

SCHEMA

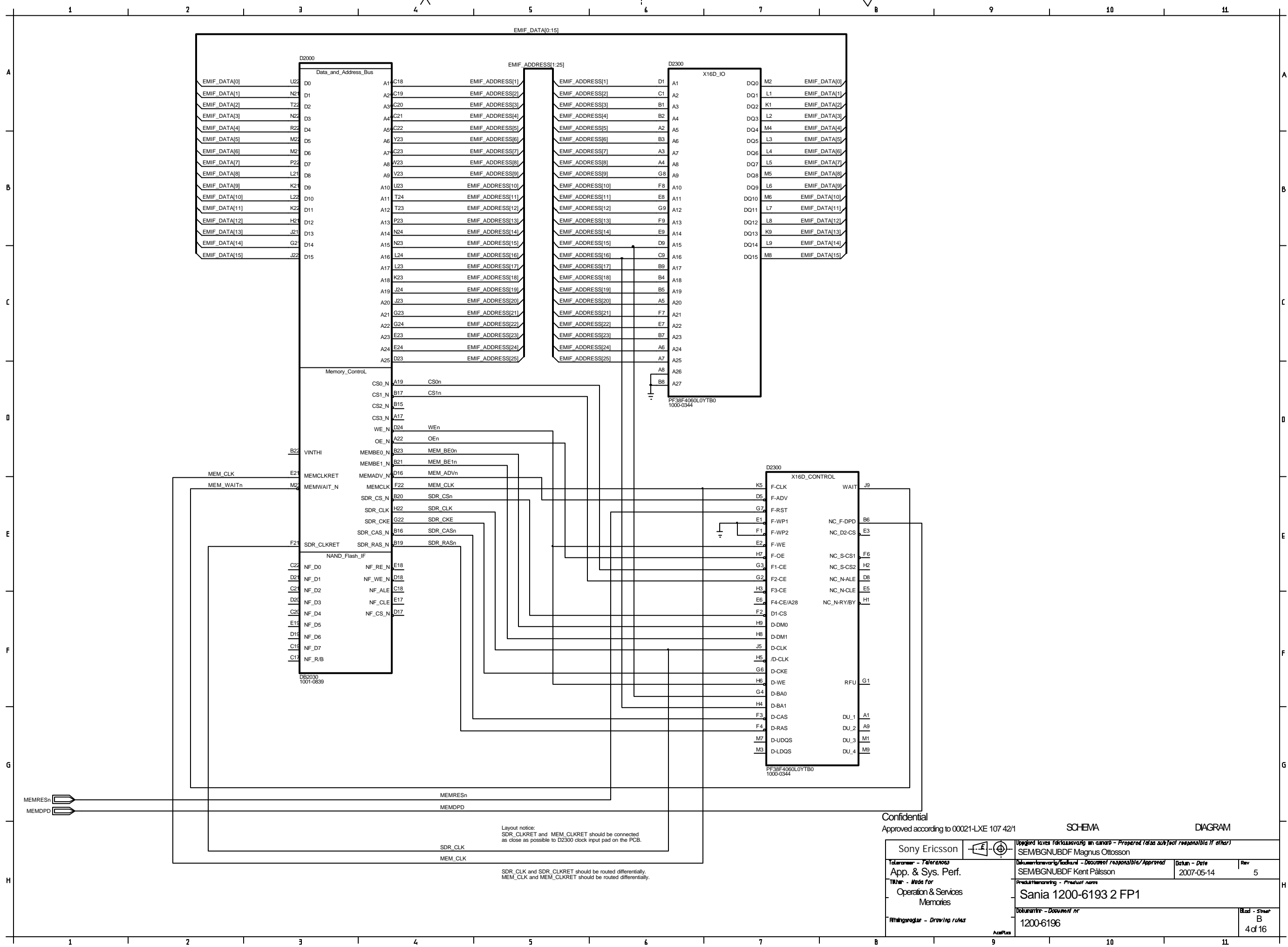
DIAGRAM

Sony Ericsson 		Uppgjord över förklaringsansvar om annat - Prepared (also subject responsibility if other) SEMBGNUBDF Magnus Ottosson	
Teknisk ansvarig - Technical App. & Sys. Perf. Titeln - Made for System Control Top	Dokumentansvarig/teknisk - Document responsibility/Approved SEMBGNUBDF Kent Pålsson	Datum - Date 2007-04-23	Rev 5
Ritningsregler - Drawing rules AcqPlus		Produktbenämning - Product name Sania 1200-6193 2 FP1	
		Dokumentnr - Document nr 1200-6196	Blad - Sheet B 2 of 16



Confidential		Approved according to 00021-LXE 107 42/1		SCHEMA		DIAGRAM	
Sony Ericsson		Uppford laves fdrkassering an ansvar - Preperad (also subject responsibility if other)		SEM/BGNUBDF Magnus Ottosson			
Toleranser - Tolerances		Dokumentansvarig/Handled - Document responsibility/Approved		Datum - Date		Rev	
App. & Sys. Perf.		SEM/BGNUBDF Kent Pålsson		2007-05-14		5	
Titel - Title		Produktbenämning - Product name					
System Control		Sania 1200-6193 2 FP1					
Clocks & Resets		Dokumentnr - Document nr		Blad - Sheet		B	
Ritningsregler - Drawing rules		1200-6196		3 of 16			

LZF 030 107/F R8



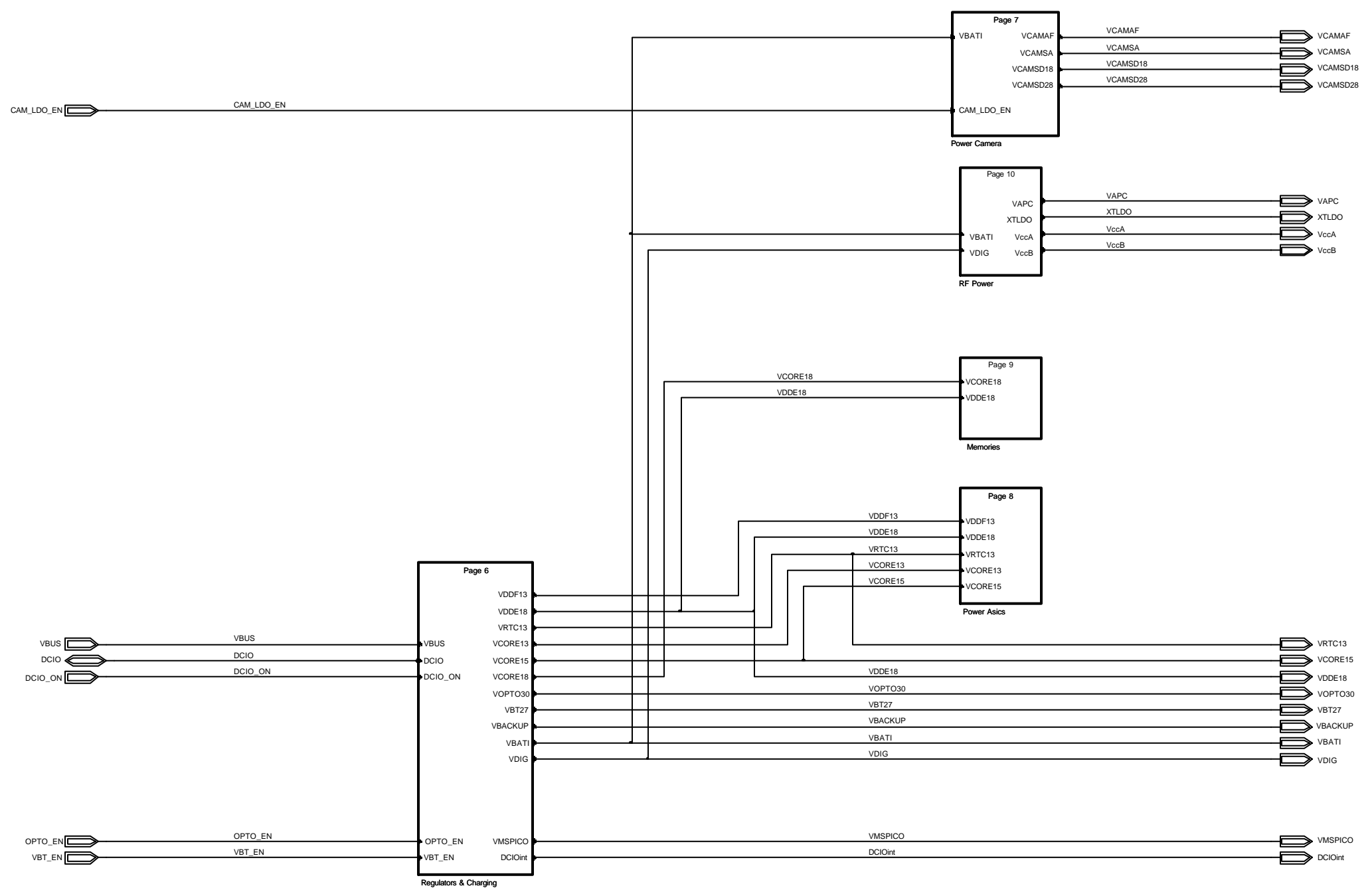
Layout notice:
SDR_CLKRET and MEM_CLKRET should be connected as close as possible to D2300 clock input pad on the PCB.

SDR_CLK and SDR_CLKRET should be routed differentially.
MEM_CLK and MEM_CLKRET should be routed differentially.

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SCHEMA
DIAGRAM

Sony Ericsson App. & Sys. Perf. Operation & Services Memories		Uppford kaves fdrklusevang in aunar - Preparað (alsn skilfest reponsibla if other) SEM/BGNUBDF Magnus Ottosson Dokumentbreivarg/tekkard - Document responsibility/Approved SEM/BGNUBDF Kent Pálsson 2007-05-14 5	
Ritningreglar - Drawing rules AcqPlus		Sania 1200-6193 2 FP1 Dokument nr 1200-6196 Blad - Sheet B 4 of 16	

LZF 030 107/F R8



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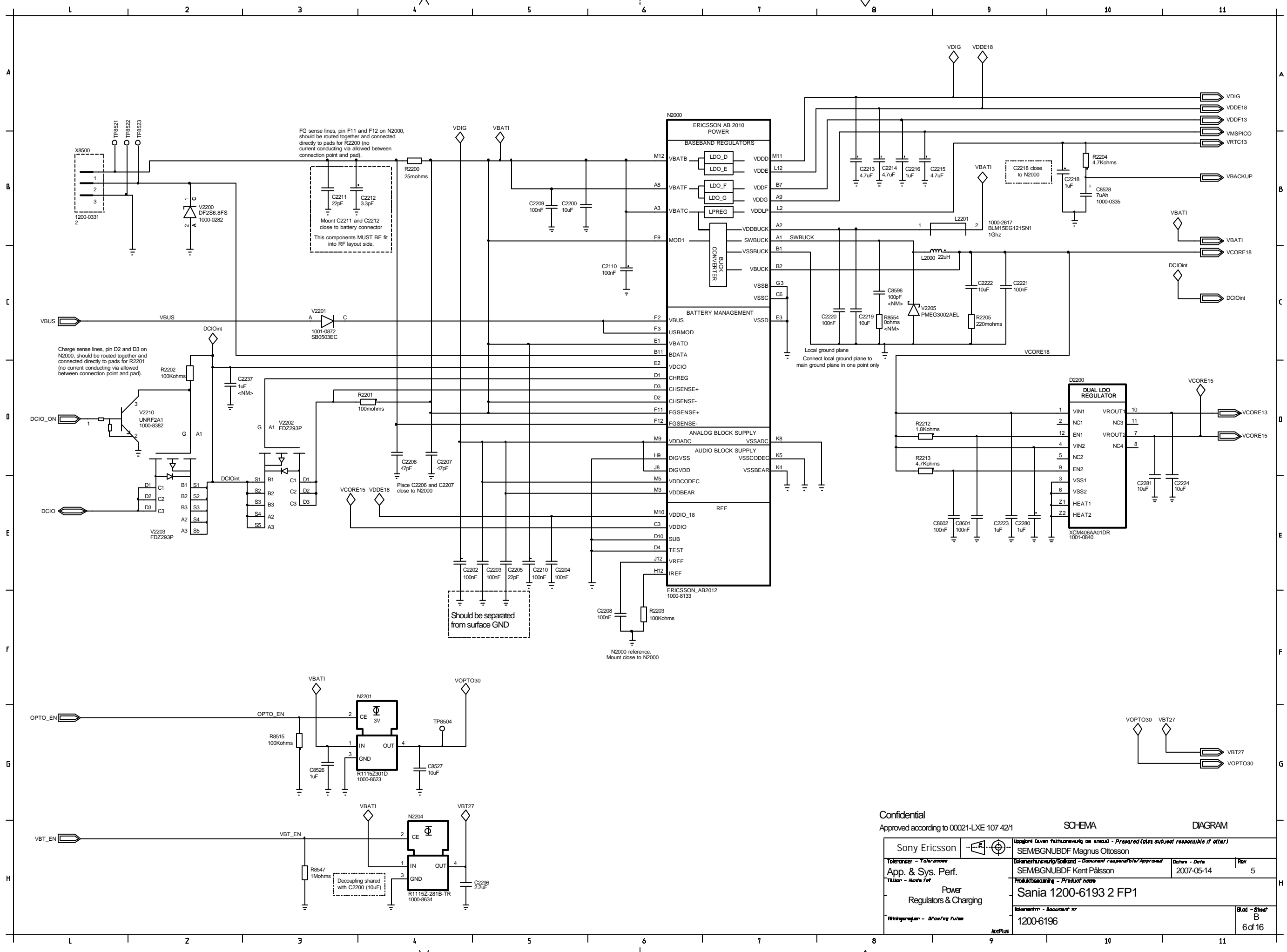
Approved according to 00021-LXE 107 42/1

SCHEMA

DIAGRAM

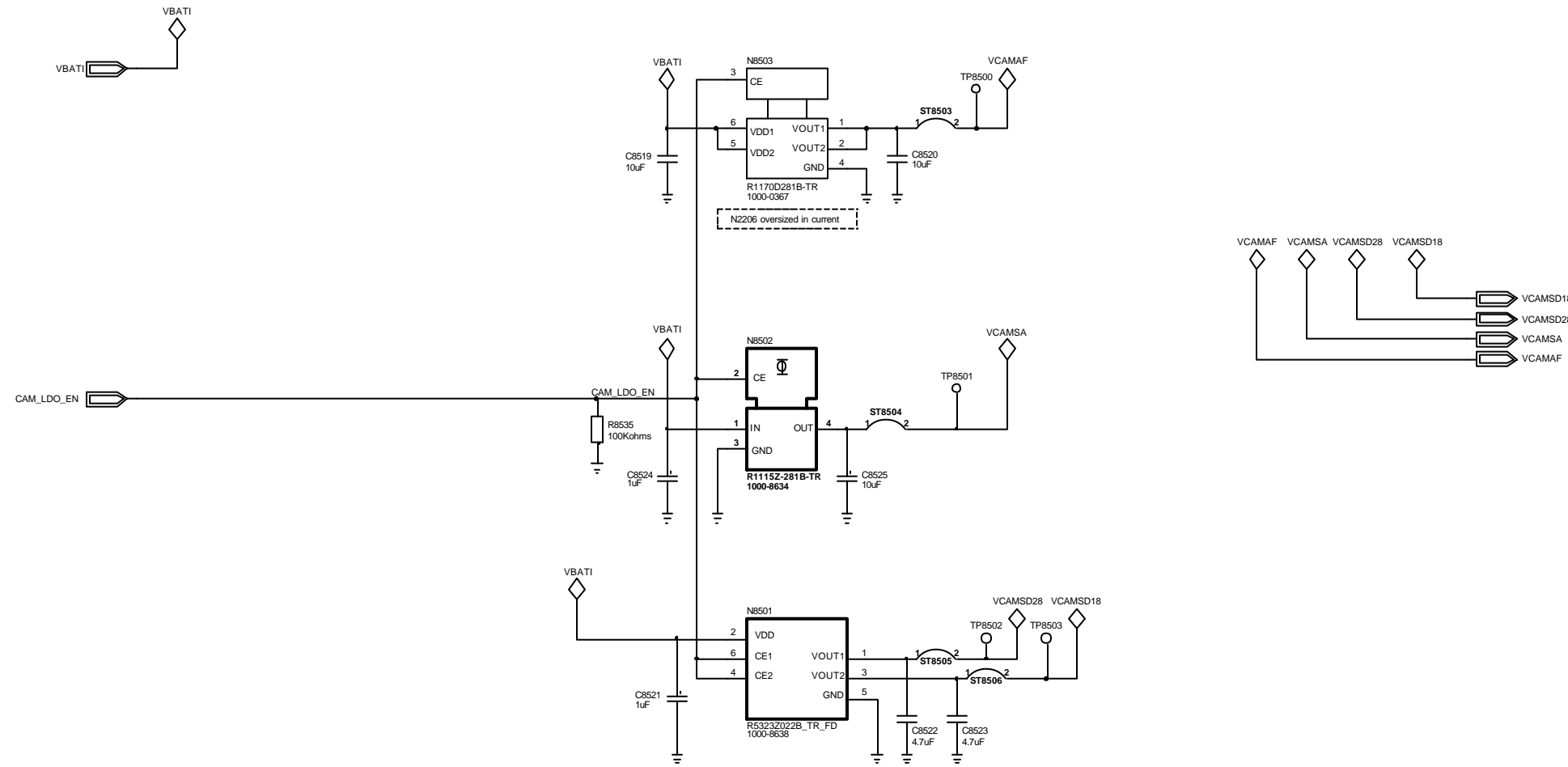
Sony Ericsson App. & Sys. Perf. Power Top Ritningsregler - Drawing rules			Uppgörd lever förklaringsansvarig an ansvar - Prepared (also subject responsible if other) SEMBGNUBDF Magnus Ottosson Dokumentansvarig/tecknare - Document responsible/Approved SEMBGNUBDF Kent Pålsson Dokumentnr - Document nr 1200-6196		Datum - Date 2007-04-23 Rev 5 Blad - Sheet B 5 of 16
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LZF 030 107/F R8



Confidential		Approved according to 00021-LXE 107 42/1		SCHEMA		DIAGRAM	
Sony Ericsson		Uppgifter i denna tekniska teckning är avsedda - Prepared (this subject responsible if other)					
Tolerancer - Tolerances		SEM/BGNUBDF Magnus Ottosson		Dokumentation/BoKod - Document responsibility/Approved		Date - Datum	
App. & Sys. Perf.		SEM/BGNUBDF Kent Pålsson		2007-05-14		Rev 5	
Titel - Model Name		Produktbeskrivning - Product name					
Power Regulators & Charging		Sania 1200-6193 2 FP1					
Ritningsnr - Drawing Title		1200-6196				Blad - Sheet B	
AcerPlus		1200-6196				6 of 16	

LZF 030 102/F RB



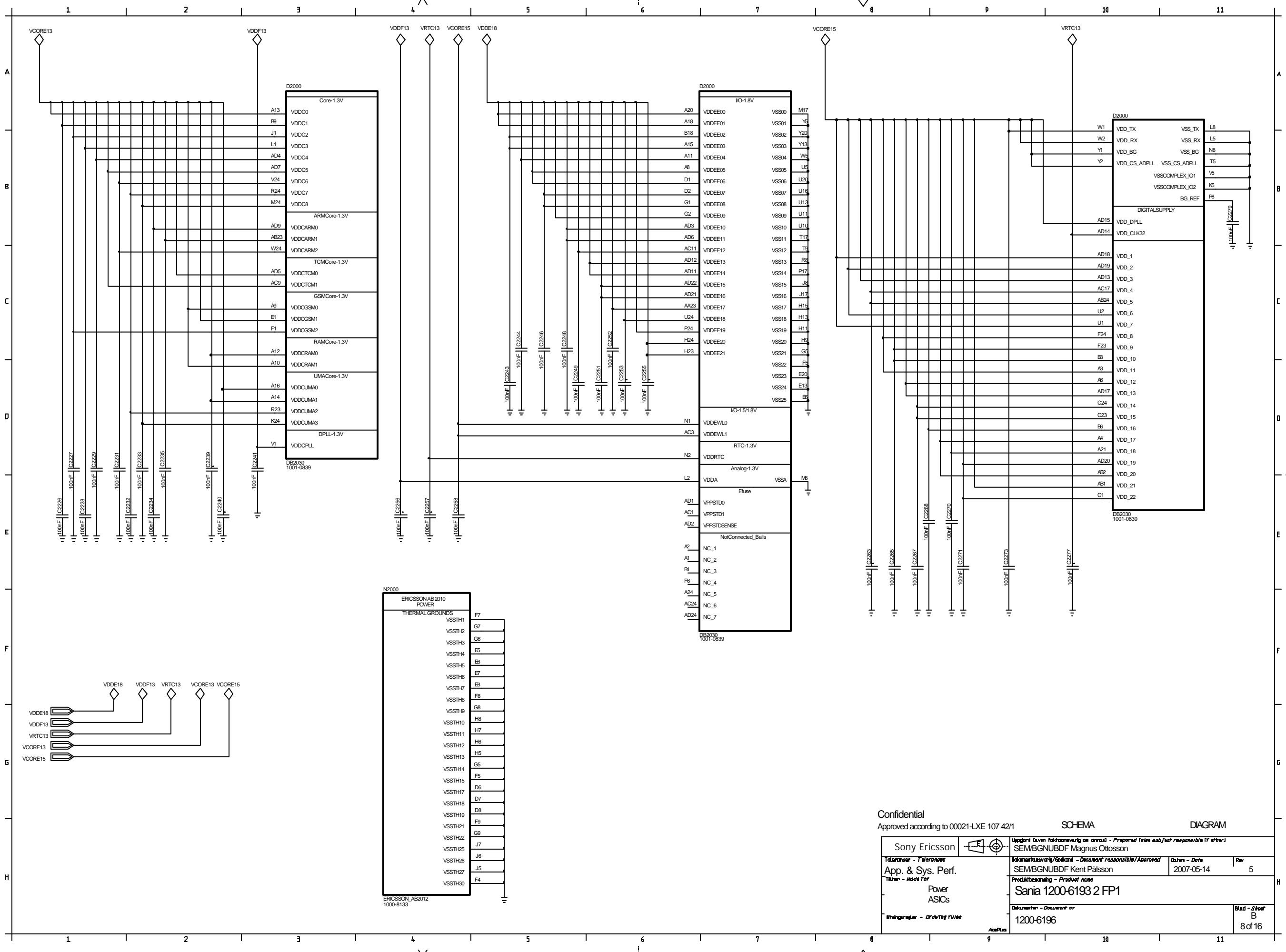
Confidential

Approved according to 00021-LXE 107 42/1

SCHEMA

DIAGRAM

Sony Ericsson		Uppgörd över förklaring av ansvar - Prepared (also subject responsible if other)	
Tolarener - Tolarener App. & Sys. Perf. Titlar - Mod for Power Camera		SEMBGNBDF Magnus Ottosson Dokumentansvarig/Handled - Document responsible/Approved SEMBGNBDF Kent Pålsson Produktionering - Product name Sania 1200-6193 2 FP1	
Ritningsregler - Drawing rules		Dokumentnr - Document nr 1200-6196	
		Bild - Sheet B 7 of 16	



N2000
ERICSSON AB 2010
POWER

THERMAL GROUNDS

VSSTH1	F7
VSSTH2	G7
VSSTH3	G6
VSSTH4	E6
VSSTH5	E6
VSSTH6	E7
VSSTH7	E6
VSSTH8	F8
VSSTH9	G8
VSSTH10	H8
VSSTH11	H7
VSSTH12	H6
VSSTH13	H5
VSSTH14	G5
VSSTH15	F5
VSSTH17	D6
VSSTH18	D7
VSSTH19	D8
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VSSTH22	G9
VSSTH25	J7
VSSTH26	J6
VSSTH27	J5
VSSTH30	F4

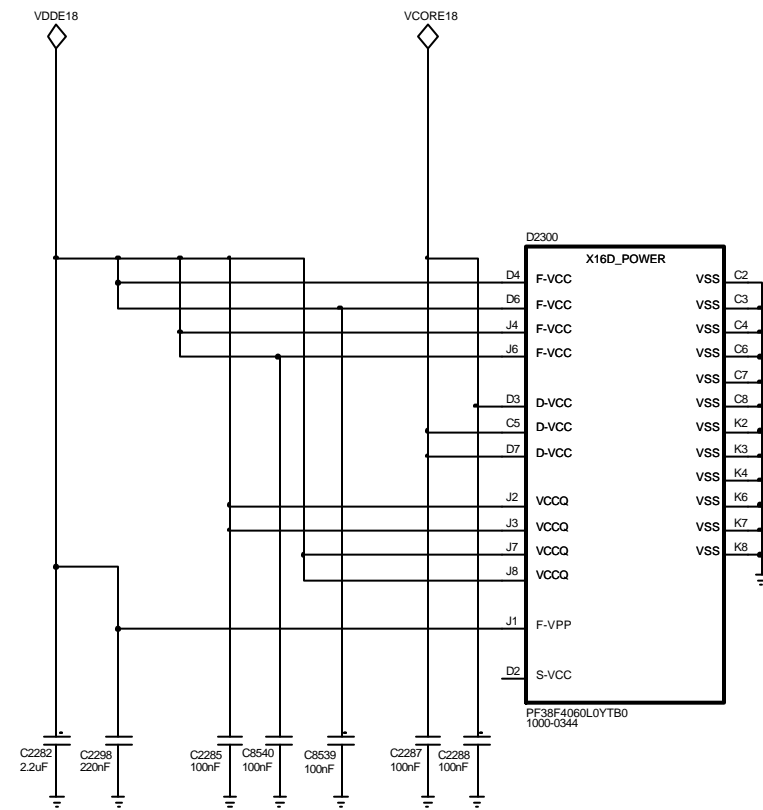
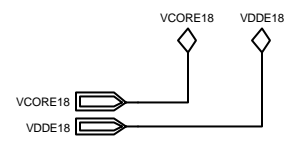
ERICSSON AB2012
1000-8133

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Approved according to 00021-LXE 107 42/1

SCHEMA DIAGRAM

Sony Ericsson App. & Sys. Perf. Power ASICs	SEMBGNUBDF Magnus Ottosson	Dated - Date 2007-05-14	Rev 5
	Sania 1200-6193 2 FP1		
1200-6196	8 of 16		

LZF 030 102/F RB



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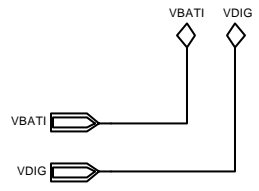
SCHEMA

DIAGRAM

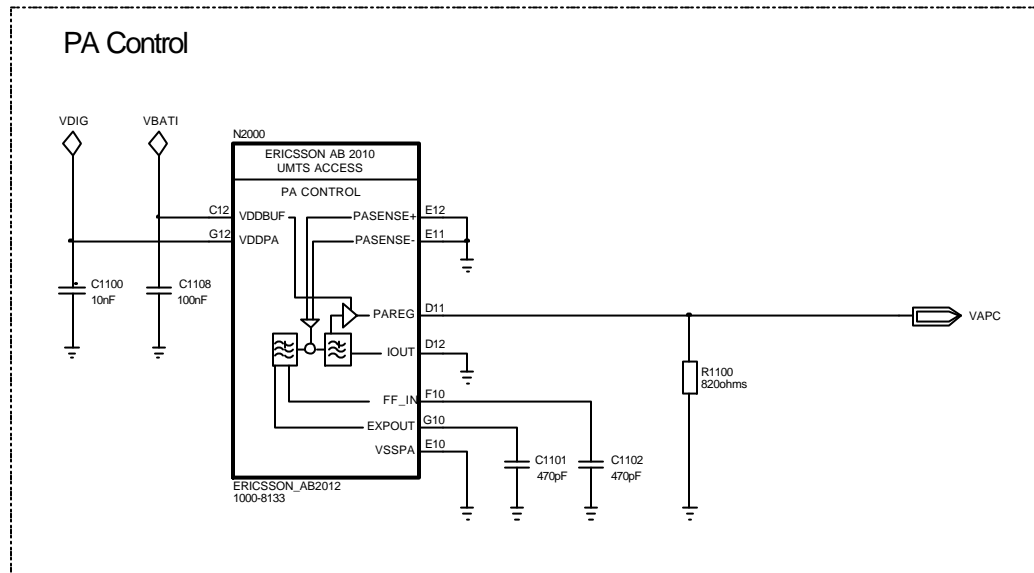
Sony Ericsson		Uppgörd lever förklaring an ansvar - Prepared (also subject responsibility if other) SEMBGNUBDF Magnus Ottosson	
Tolarener - Tolarener App. & Sys. Perf. Titlar - Models for Power Memories		Dokumentansvarig/Handled - Document responsibility/Approved SEMBGNUBDF Kent Pålsson	Datum - Date 2007-05-14
Ritningsregler - Drawing rules AcqPlus	Produktbenämning - Product name Sania 1200-6193 2 FP1	Dokumentnr - Document nr 1200-6196	Blad - Sheet B 9 of 16

1 2 3 4 5 6 7 8 9 10 11

A

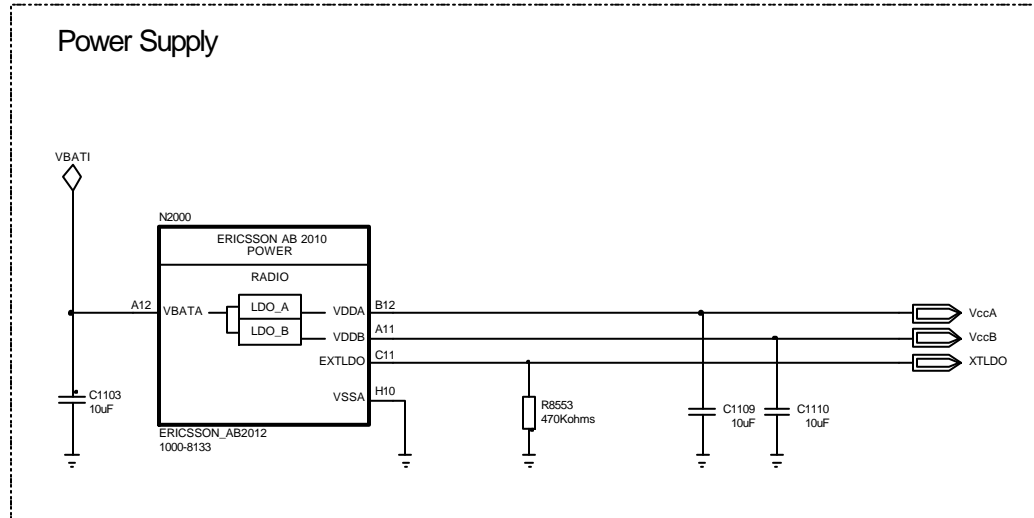


B



C

E



F

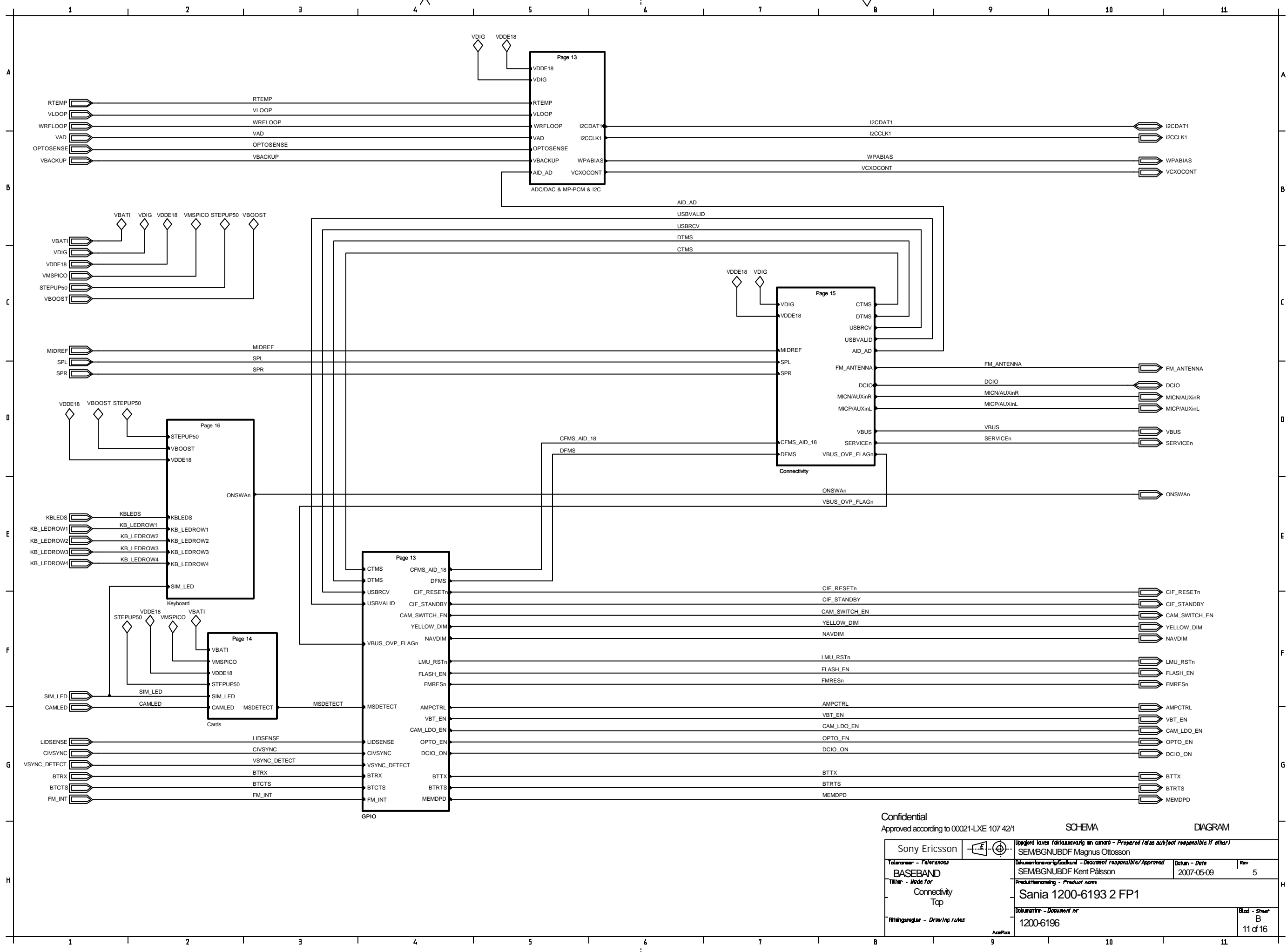
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Sony Ericsson		Uppgjord över förklaring av ansvar - Prepared (also subject responsible if other)		SEMBGNUBDF Magnus Ottosson			
Toleranser - Tolerances		Dokumentansvarig/Handled - Document responsible/Approved		Datum - Date		Rev	
App. & Sys. Perf.		SEMBGNUBDF Kent Pålsson		2007-05-14		5	
Titel - Title		Produktbenämning - Product name					
Power		Sania 1200-6193 2 FP1					
RF							
Ritningsregler - Drawing rules		Dokumentnr - Document nr		1200-6196		Blad - Sheet	
		AcqPlus				B	
						10 of 16	

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1 2 3 4 5 6 7 8 9 10 11

G

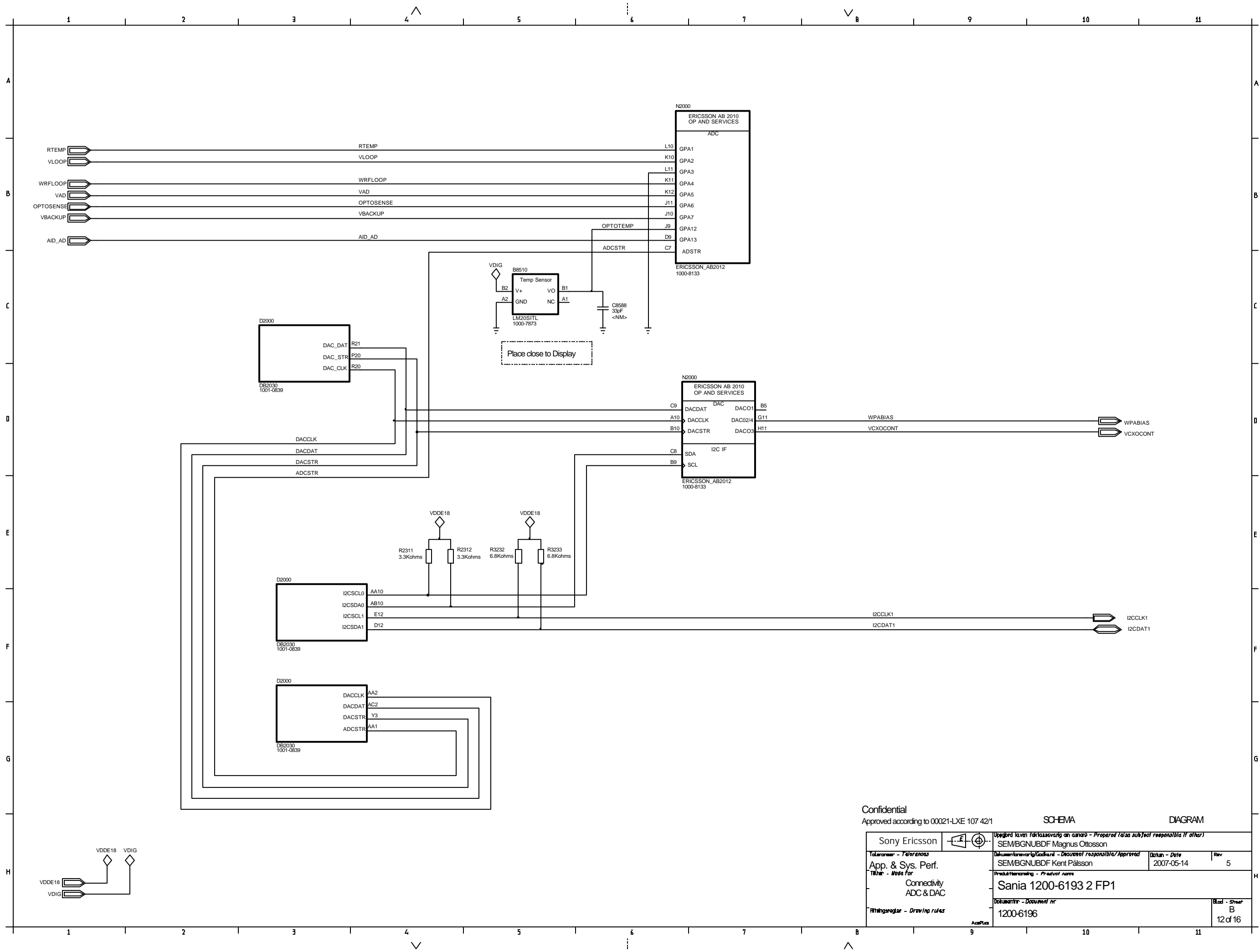


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Approved according to 00021-LXE 107 42/1

SCHEMA DIAGRAM

		Uppgörelse över förhållande mellan ansvar - Prepared (also subject responsibility if other)	
Tolkansvar - Tolkeransvar BASEBAND Tillver - Made for Connectivity Top Ritningsregler - Drawing rules		Dokumentansvarig/Godkänd - Document responsibility/Approved SEM/BGNUBDF Magnus Ottosson SEM/BGNUBDF Kent Pålsson Produktnamn - Product name Sania 1200-6193 2 FP1 Dokumentnr - Document nr 1200-6196	Datum - Date 2007-05-09 Rev 5 Sid - Sheet B 11 of 16

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SCHEMA DIAGRAM

		Utgård även förklarening om ansvar - Prepared (also subject responsibility if other) SEMBGNBDF Magnus Ottosson	
Toleranser - Tolerances App. & Sys. Perf. Tillar - Made for Connectivity ADC & DAC Ritningsregler - Drawing rules		Dokumentansvarigt/Handled - Document responsibility/Approved SEMBGNBDF Kent Pålsson	Datum - Date 2007-05-14 Rev 5
Produktbenämning - Product name Sania 1200-6193 2 FP1			
		Dokumentnr - Document nr 1200-6196	Blad - Sheet B 12 of 16

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FM_INT
 MSDETECT
 CIVSYNC
 VSYNC_DETECT
 LIDSENSE
 VBUS_OVP_FLAGn
 BTCTS
 BTRX
 CTMS
 USBVALID
 USBRCV
 DTMS

D2000		
GenPurposeI/O		
GPIO00	D9	DTMS
GPIO01	C9	DFMS
GPIO02	B8	USBRCV
GPIO03	E8	USBVALID
GPIO04	C8	CTMS
GPIO05	D8	CFMS_AID_18
GPIO06	B7	FLASH_EN
GPIO07	E7	
GPIO10	D6	
GPIO11	C7	
GPIO12	A7	OPTO_EN
GPIO13	A5	LMU_RSTn
GPIO14	B5	
GPIO15	B4	AMPCTRL
GPIO16	D7	
GPIO17	C6	
GPIO20	B2	BTRX
GPIO21	C5	BTTX
GPIO22	C4	BTCTS
GPIO23	C3	BTRTS
GPIO24	D5	
GPIO25	D4	VBUS_OVP_FLAGn
GPIO26	D3	CIF_RESETh
GPIO27	E5	LIDSENSE
GPIO30	E3	DCIO_ON
GPIO31	C2	YELLOW_DIM
GPIO32	E2	NAVDIM
GPIO33	E4	VBT_EN
GPIO34	F3	
GPIO35	J3	CAM_LDO_EN
GPIO36	F2	CAM_SWITCH_EN
GPIO37	F4	CIF_STANDBY
GPIO40	G4	MEMDPD
GPIO41	G3	MSDETECT
GPIO42	H2	
GPIO43	J2	
GPIO44	H1	FM_INT
GPIO45	J4	FMRESn
GPIO46	K3	VSYNC_DETECT
GPIO47	L4	CIVSYNC

DFMS
 CFMS_AID_18
 FLASH_EN
 OPTO_EN
 LMU_RSTn
 AMPCTRL
 BTTX
 BTRTS
 CIF_RESETh
 DCIO_ON
 YELLOW_DIM
 NAVDIM
 VBT_EN
 CAM_LDO_EN
 CAM_SWITCH_EN
 CIF_STANDBY
 MEMDPD
 FMRESn

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1001-0839

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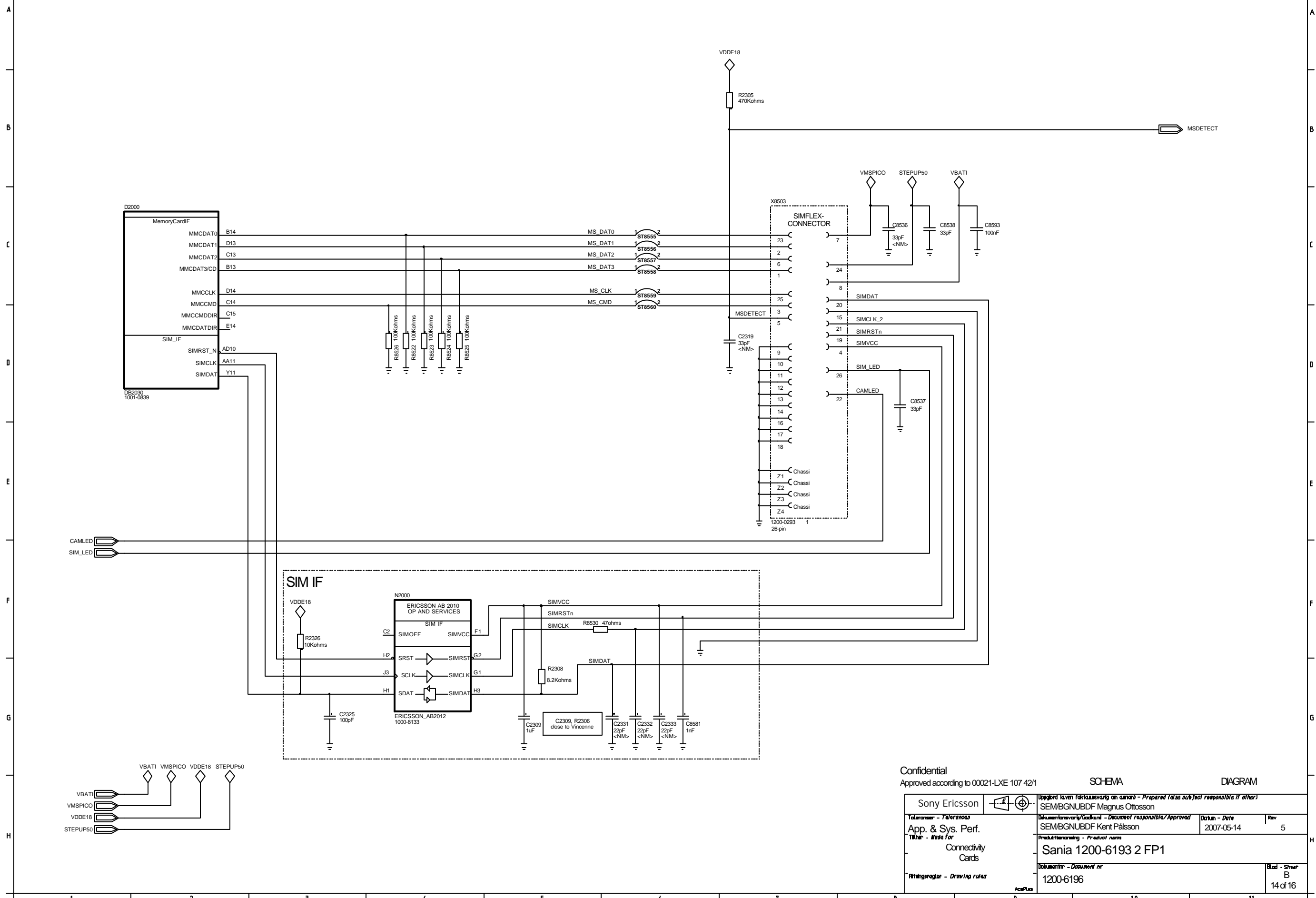
Approved according to 00021-LXE 107 42/1

SCHEMA

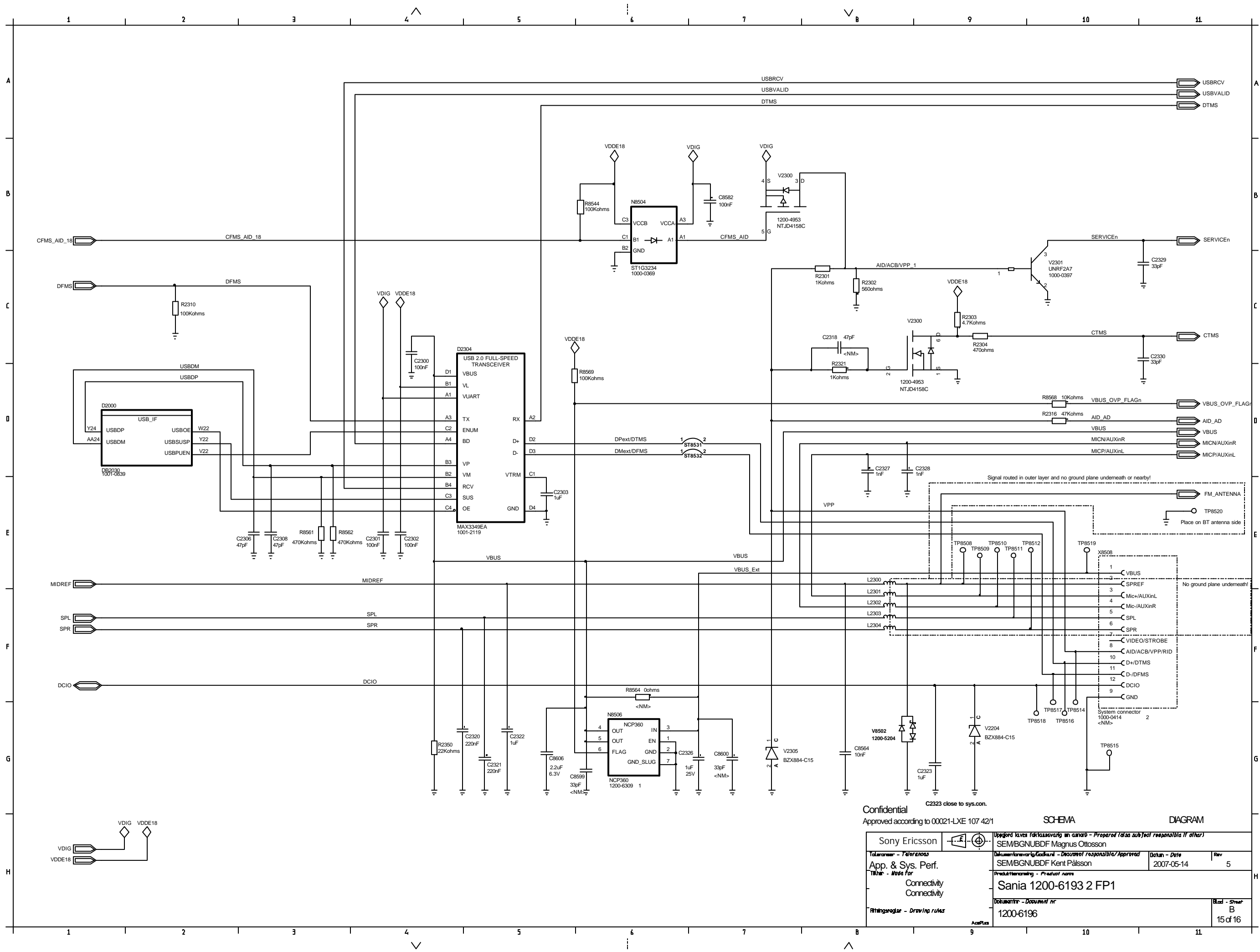
DIAGRAM

Sony Ericsson App. & Sys. Perf. Connectivity GPIO		Uppgjord även förklarevarig an ansvar - Prepared (also subject responsible if other) SEMBGNUBDF Magnus Ottosson Dokumentansvarig/Handled - Document responsible/Approved SEMBGNUBDF Kent Pålsson Produktionsnamn - Product name Sania 1200-6193 2 FP1 Dokumentnr - Document nr 1200-6196	Datum - Date 2007-05-14 Rev 5 Blad - Sheet B 13 of 16
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LZF 030 107/F R8



Confidential		Approved according to 00021-LXE 107 42/1		SCHEMA		DIAGRAM	
Sony Ericsson		Uppgift lösen (förklara varig en annan - Prepared (also subject responsible if other)		SEM/BGNUBDF Magnus Ottosson			
Tolansvar - Tolansvar		App. & Sys. Perf.		Dokumentansvarig/Ansvarig - Document responsible/Approved		Datum - Date	
Titel - Title		Connectivity Cards		SEM/BGNUBDF Kent Pålsson		2007-05-14	
Förhållningssätt - Drawing rules		AcadPlus		Produktnamn - Product name		Rev 5	
				Sania 1200-6193 2 FP1			
				Dokumentnr - Document nr		Blad - Sheet	
				1200-6196		B 14 of 16	

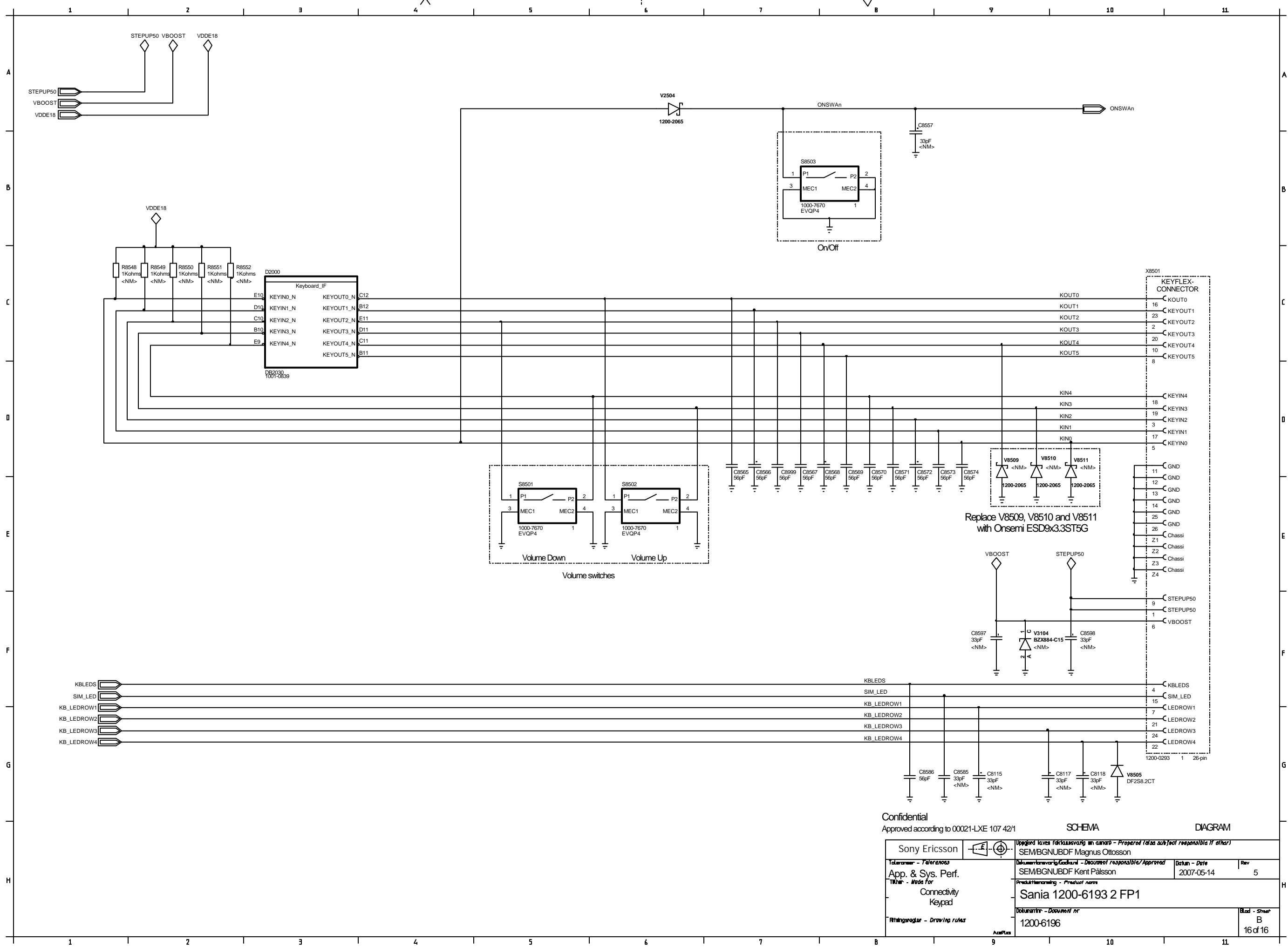


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Approved according to 00021-LXE 107 42/1

SCHEMA DIAGRAM

Sony Ericsson App. & Sys. Perf. Connectivity Connectivity		Uppford lever förklaring an ansvar - Prepared (also subject responsibility if other) SEMBGNUBDF Magnus Ottosson Dokumentör/Utvecklare - Document responsibility/Approved SEMBGNUBDF Kent Pålsson Produktutveckling - Product name Sania 1200-6193 2 FP1 Dokumentnr - Document nr 1200-6196		Datum - Date 2007-05-14 Rev 5
Ritningsregler - Drawing rules AcqPlus			Blad - Sheet B 15 of 16	

LZF 030 107/F R8



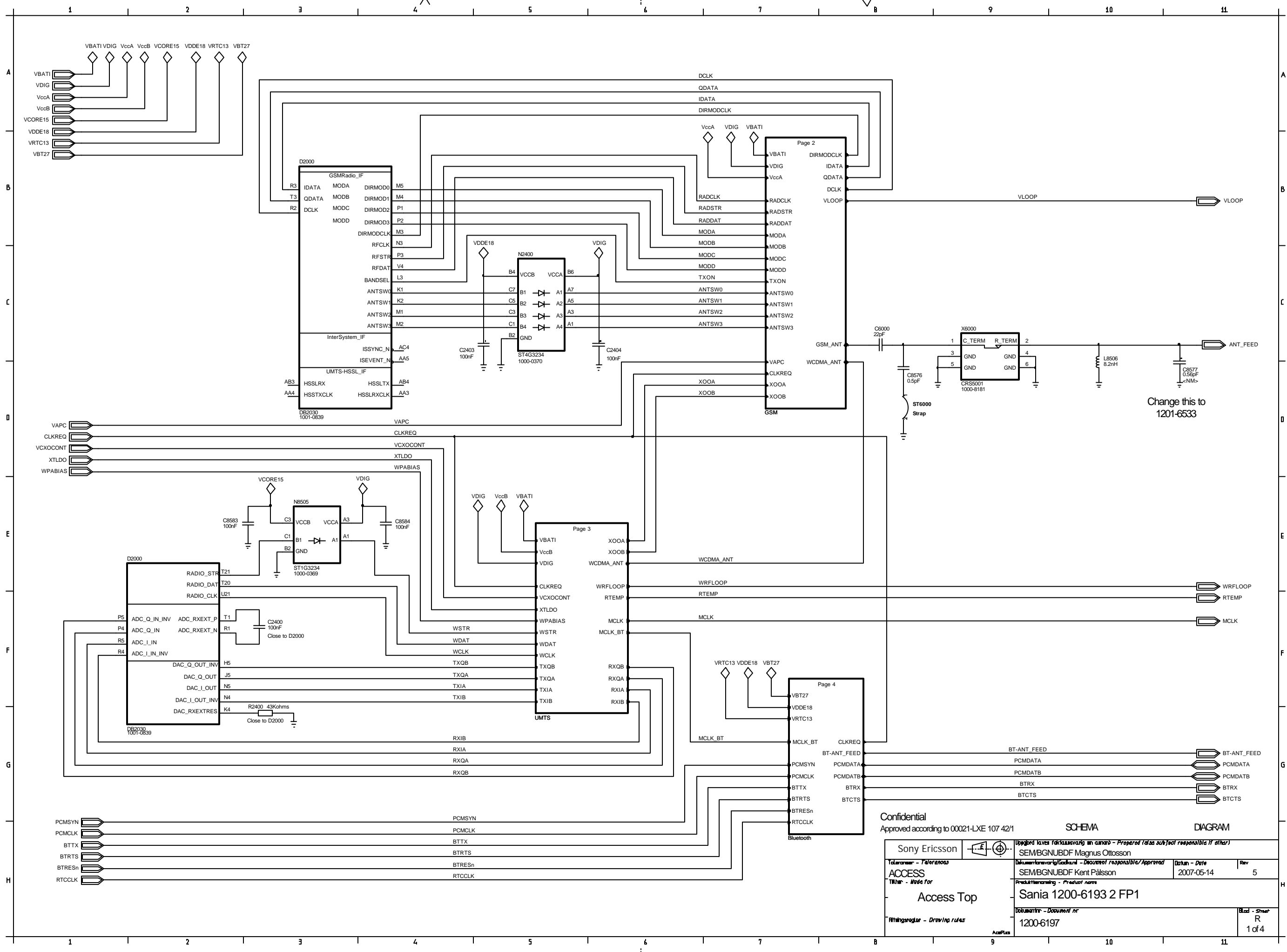
Confidential
Approved according to 00021-LXE 107 42/1

SCHEMA

DIAGRAM

Sony Ericsson App. & Sys. Perf. Tillsat - Made for Connectivity Keypad Ritningsreglar - Drawing rules		Uppgörelse förklaras enligt anmärkning - Prepared (also subject responsibility if other) SEM/BGNUBDF Magnus Ottosson Dokumentansvarig/Gesikard - Document responsibility/Approved SEM/BGNUBDF Kent Pålsson Produktbenämning - Product name Sania 1200-6193 2 FP1 Dokumentnr - Document nr 1200-6196		Datum - Date 2007-05-14 Rev 5
16 of 16			Blad - Sheet B 16 of 16	

LZF 030 107/F R8



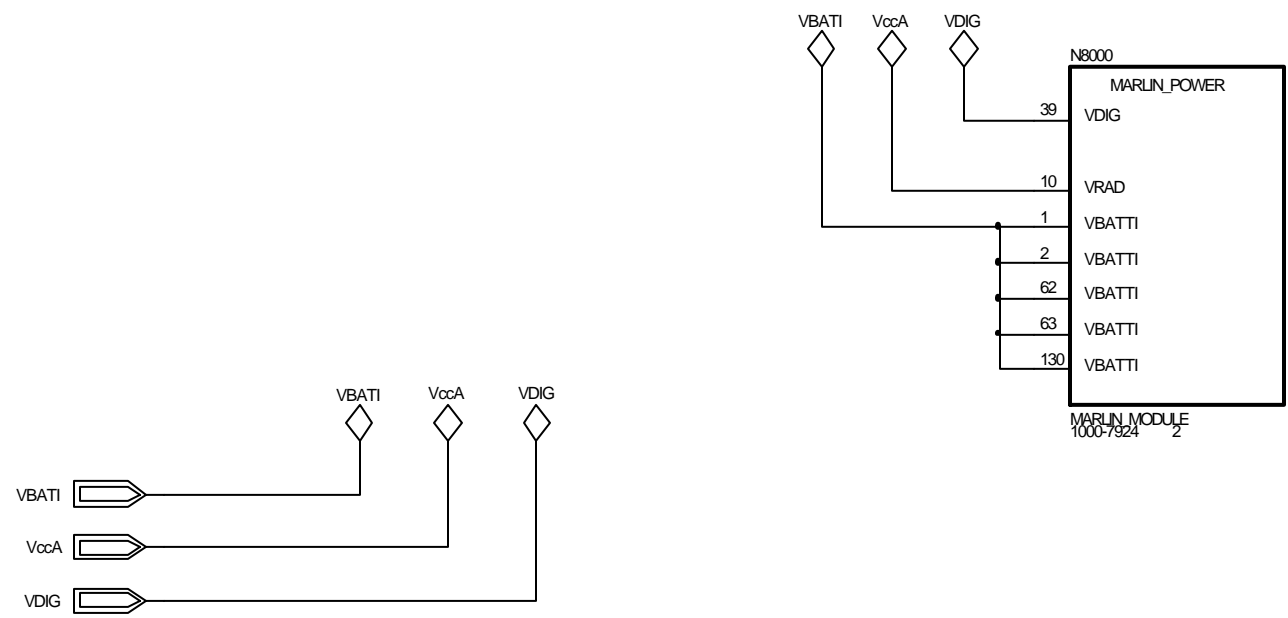
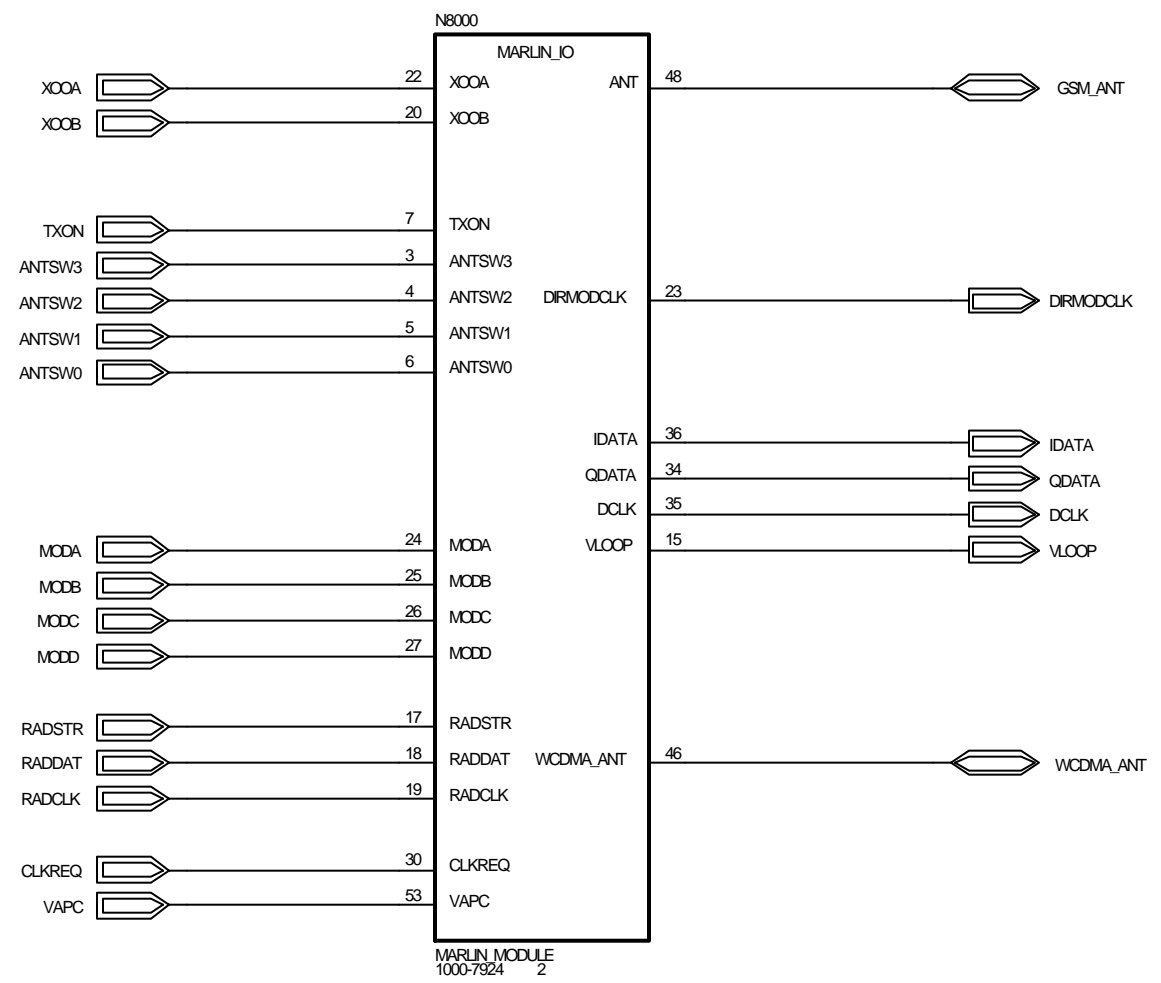
Change this to 1201-6533

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Approved according to 00021-LXE 107 42/1

SCHEMA DIAGRAM

		Uppgörelse över förhållande mellan anlitare och leverantör (tillämplig för alla typer av kontrakt) SEMBGNBDF Magnus Ottosson	
Dokumentnr - Document no ACCESS Tillhör - Made for Access Top	Dokumentansvarig/Handled - Document responsible/Approved SEMBGNBDF Kent Pålsson	Datum - Date 2007-05-14	Rev 5
Produktbenämning - Product name Sania 1200-6193 2 FP1		Dokumentnr - Document no 1200-6197	
Ritningsregler - Drawing rules AcqPlus		Bild - Sheet R 1 of 4	

LZF 030 107/F R8

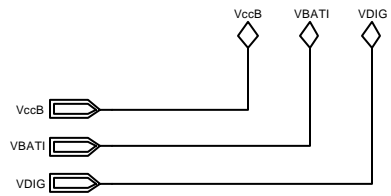
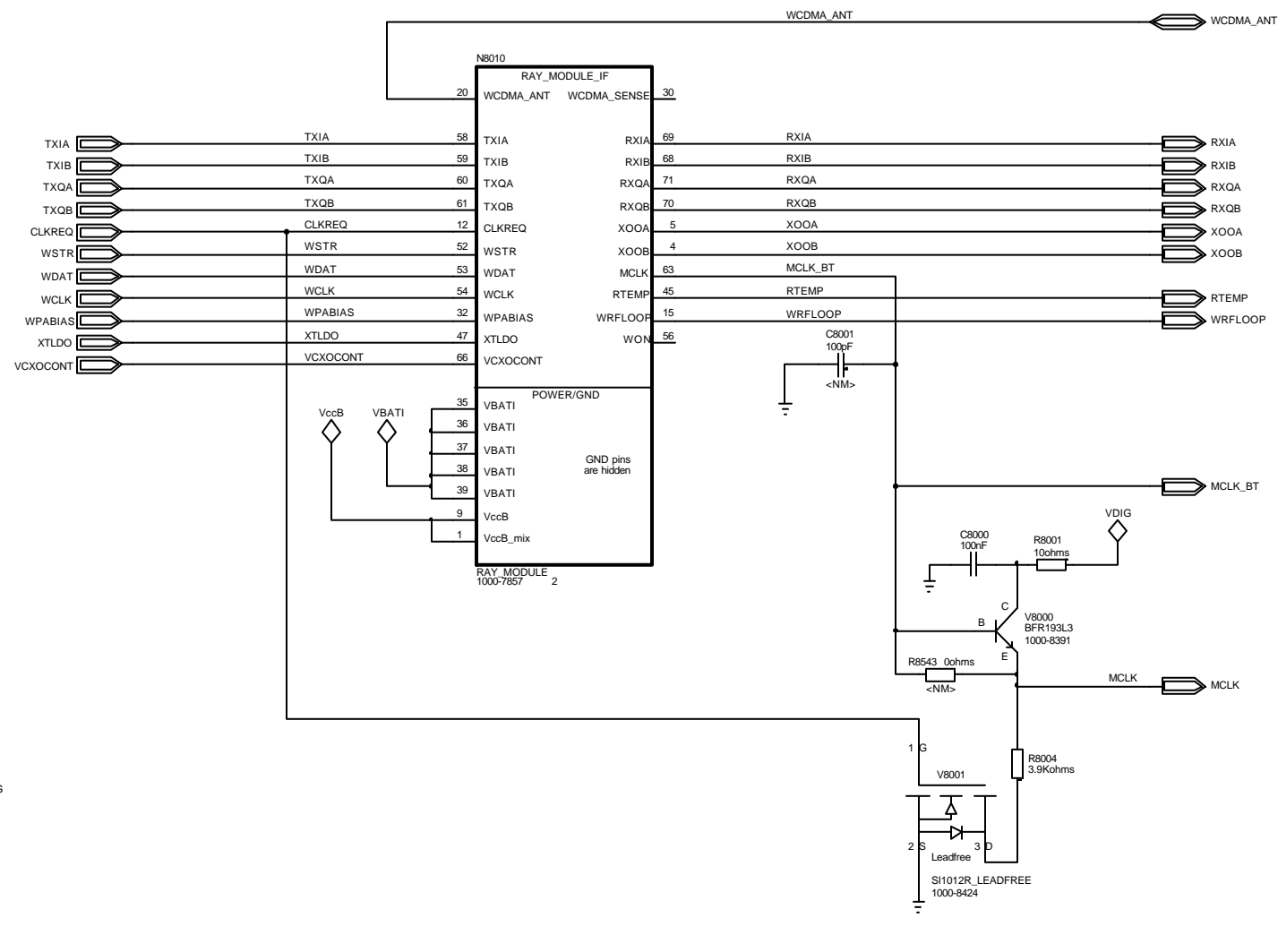


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Approved according to 00021-LXE 107 42/1

SCHEMA **DIAGRAM**

Sony Ericsson <small>Toleranser - Tolerances</small> ACCESS <small>Tillhör - Made for</small> GSM <small>Ättningsregler - Drawing rules</small>		<small>Uppgjord (även faktaansvarig om annan) - Prepared (also subject responsible if other)</small> SEMBGNBDF Magnus Ottosson		
		<small>Dokumentansvarig/Godkänd - Document responsible/Approved</small> SEMBGNBDF Kent Pålsson	<small>Datum - Date</small> 2007-05-14	<small>Rev</small> 5
		<small>Produktbenämning - Product name</small> Sania 1200-6193 2 FP1		
		<small>Dokumentnr - Document nr</small> 1200-6197	<small>Blad - Sheet</small> R 2 of 4	

RB /E/01 OE 0 JZ7



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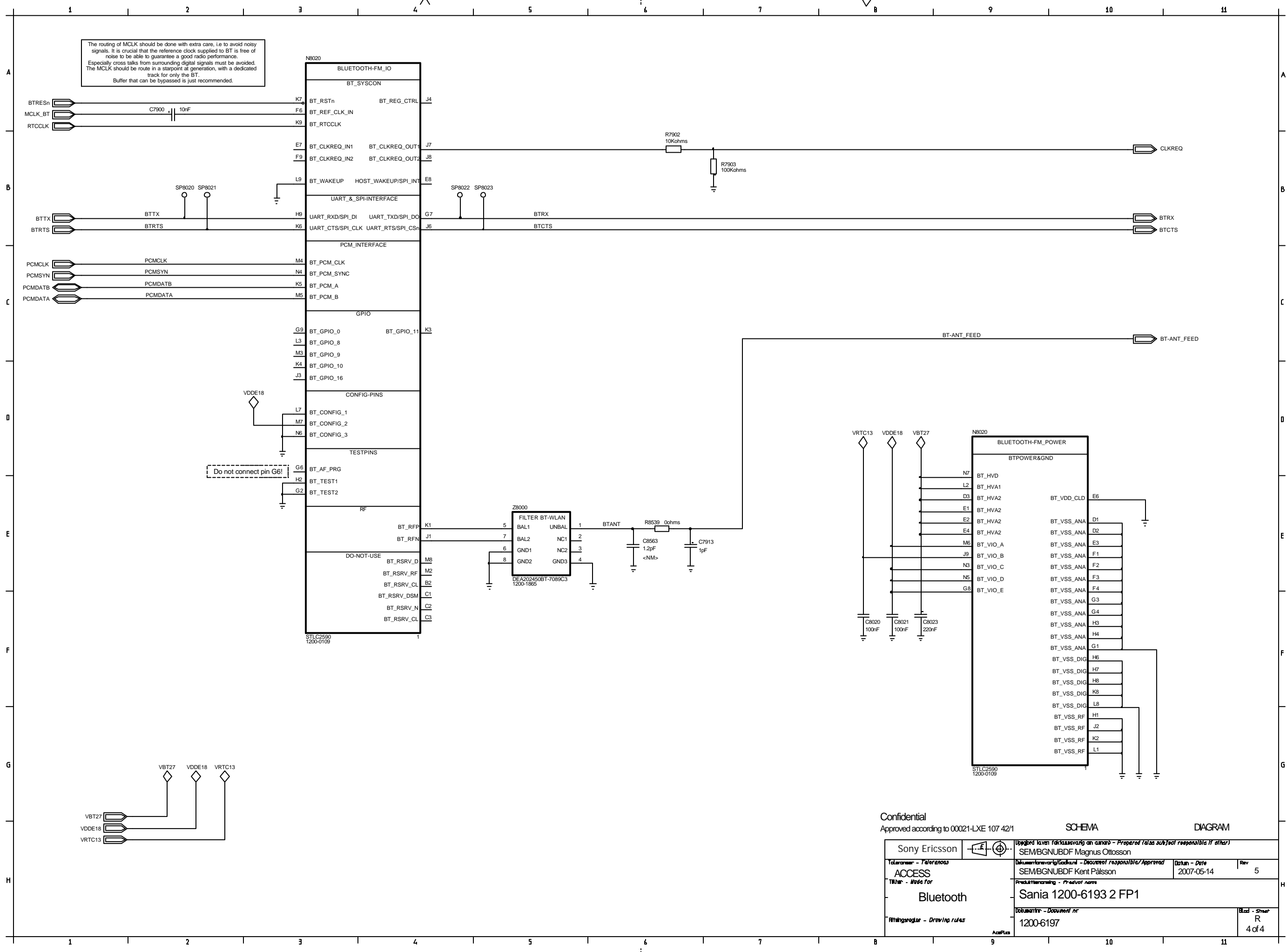
SCHEMA

DIAGRAM

Sony Ericsson ACCESS Tillver - Made for UMTS Ritningsregler - Drawing rules		Uppgörelse över förhållande mellan ansvar - Prepared (also subject responsibility if other) SEMBGNBUDF Magnus Ottosson Dokumentansvarig/tecknad - Document responsibility/Approved SEMBGNBUDF Kent Pålsson Produktbenämning - Product name Sania 1200-6193 2 FP1 Dokumentnr - Document nr 1200-6197		Datum - Date 2007-05-14 Rev 5	Blad - Sheet R 3 of 4
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The routing of MCLK should be done with extra care, i.e. to avoid noisy signals. It is crucial that the reference clock supplied to BT is free of noise to be able to guarantee a good radio performance. Especially cross talks from surrounding digital signals must be avoided. The MCLK should be route in a starpoint at generation, with a dedicated track for only the BT. Buffer that can be bypassed is just recommended.

Do not connect pin G6!



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SCHEMA DIAGRAM

		Uppgörd även förklarevarig an ansvar - Prepared (also subject responsibility if other)	
ACCESS Tillbehör - Made for Bluetooth		SEMBGNUBDF Magnus Ottosson SEMBGNUBDF Kent Pålsson Sania 1200-6193 2 FP1	
Ritningsregler - Drawing rules AcqPlus		Dokumentnr - Document nr 1200-6197	
		Datum - Date 2007-05-14	Rev 5
		Blad - Sheet R 4 of 4	

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1 2 3 4 5 6 7 8 9 10 11

A A

B B

C C

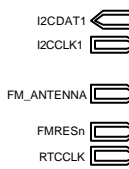
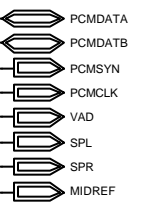
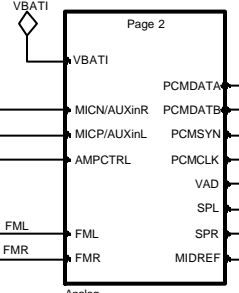
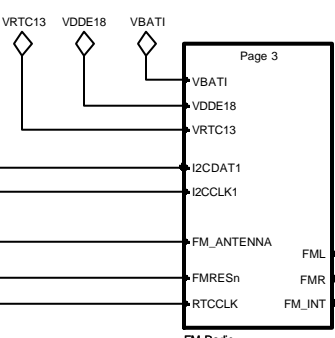
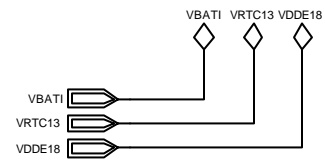
D D

E E

F F

G G

H H

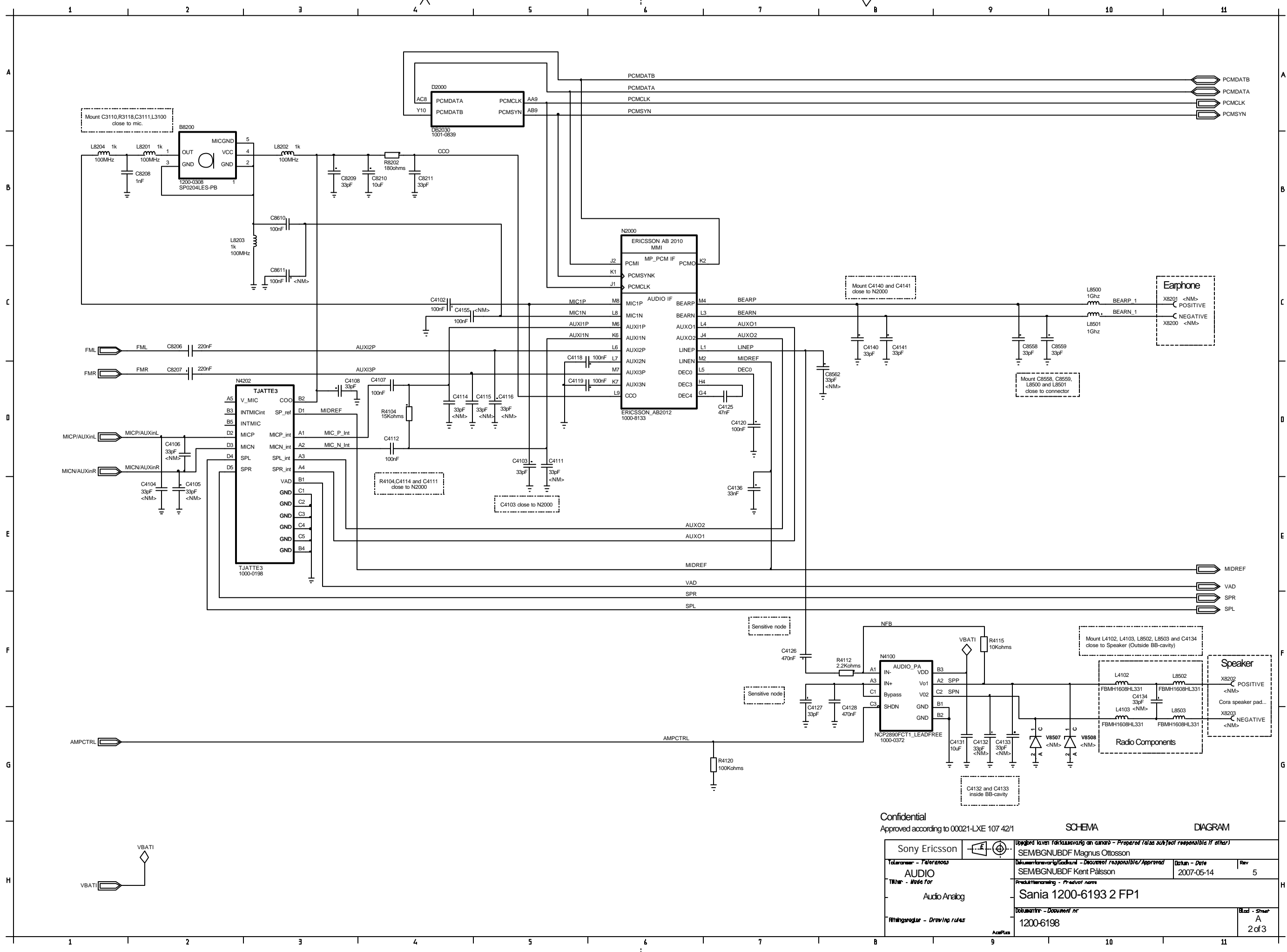


Confidential		Approved according to 00021-LXE 107 42/1		SCHEMA		DIAGRAM	
Sony Ericsson		Uppgjord över förklaring av ansvar - Prepared (also subject responsibility if other)		SEMBGUBDF Magnus Ottosson			
Tolkarens - Translator		Dokumentansvarig/Checkad - Document responsibility/Approved		Datum - Date		Rev	
AUDIO		SEMBGUBDF Kent Pålsson		2007-04-23		5	
Titel - Title for		Produktbenämning - Product name					
Audio Top		Sania 1200-6193 2 FP1					
Ritningsregler - Drawing rules		Dokumentnr - Document nr		Blad - Sheet		A	
		1200-6198		1 of 3			

1 2 3 4 5 6 7 8 9 10 11

H H

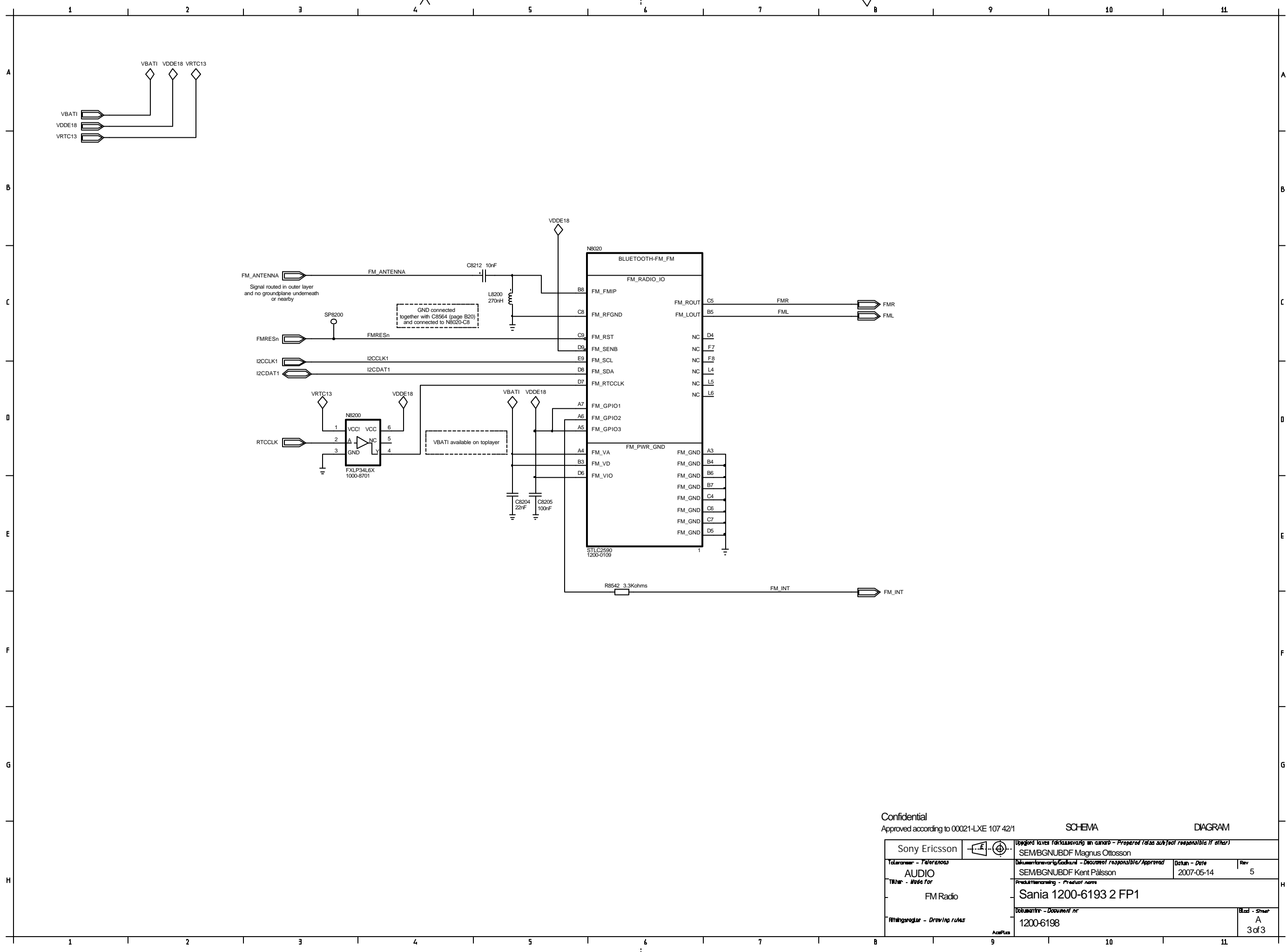
LZF 030 107/F R8



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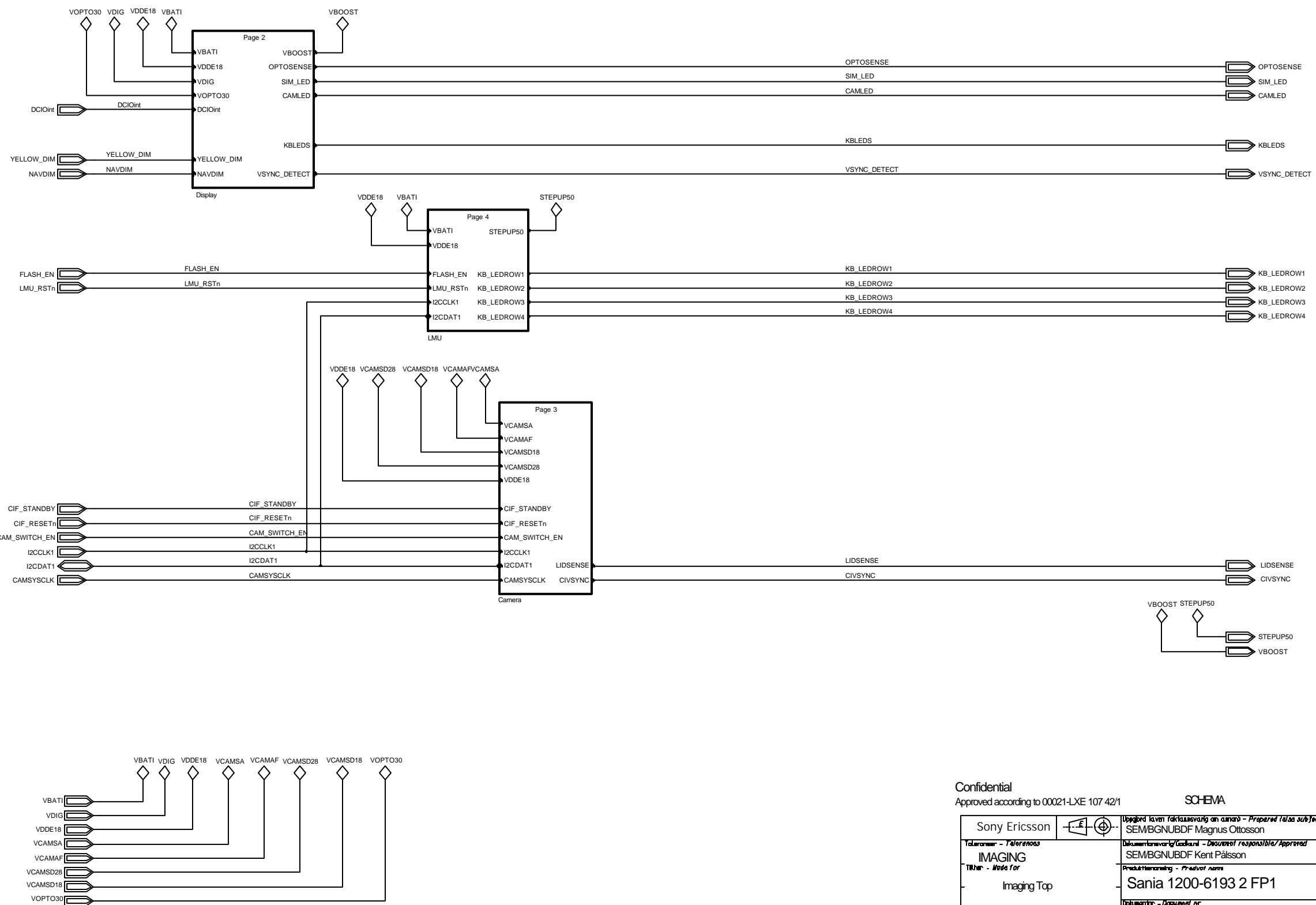
SCHEMA
DIAGRAM

Sony Ericsson Toleranser - Tolerances AUDIO Tillver - Made for Audio Analog Ritningsregler - Drawing rules		Uppgörelsen förklarar att användaren inte åtar sig ansvar för felaktigheter i denna dokumentation. SEM/BGNUBDF Magnus Ottosson Dokumentansvarig/Document responsible/Approved SEM/BGNUBDF Kent Pålsson Produktutveckling - Product name Sania 1200-6193 2 FP1 Dokumentnr - Document nr 1200-6193		Datum - Date 2007-05-14 Rev 5
			Bild - Sheet A 2 of 3	



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Sony Ericsson		Uppgörd över förklaring av ansvar - Prepared (also subject responsible if other)	
Toleranser - Tolerances AUDIO		SEMBGNBDF Magnus Ottosson	
Titlar - Made for FM Radio		Dokumentansvarig/Handled - Document responsible/Approved SEMBGNBDF Kent Pålsson	
Ritningsregler - Drawing rules		Datum - Date 2007-05-14	
AcqPlus		Rev 5	
1200-6198		Produktbenämning - Product name Sania 1200-6193 2 FP1	
1200-6198		Dokumentnr - Document nr 1200-6198	
3 of 3		Blad - Sheet A	



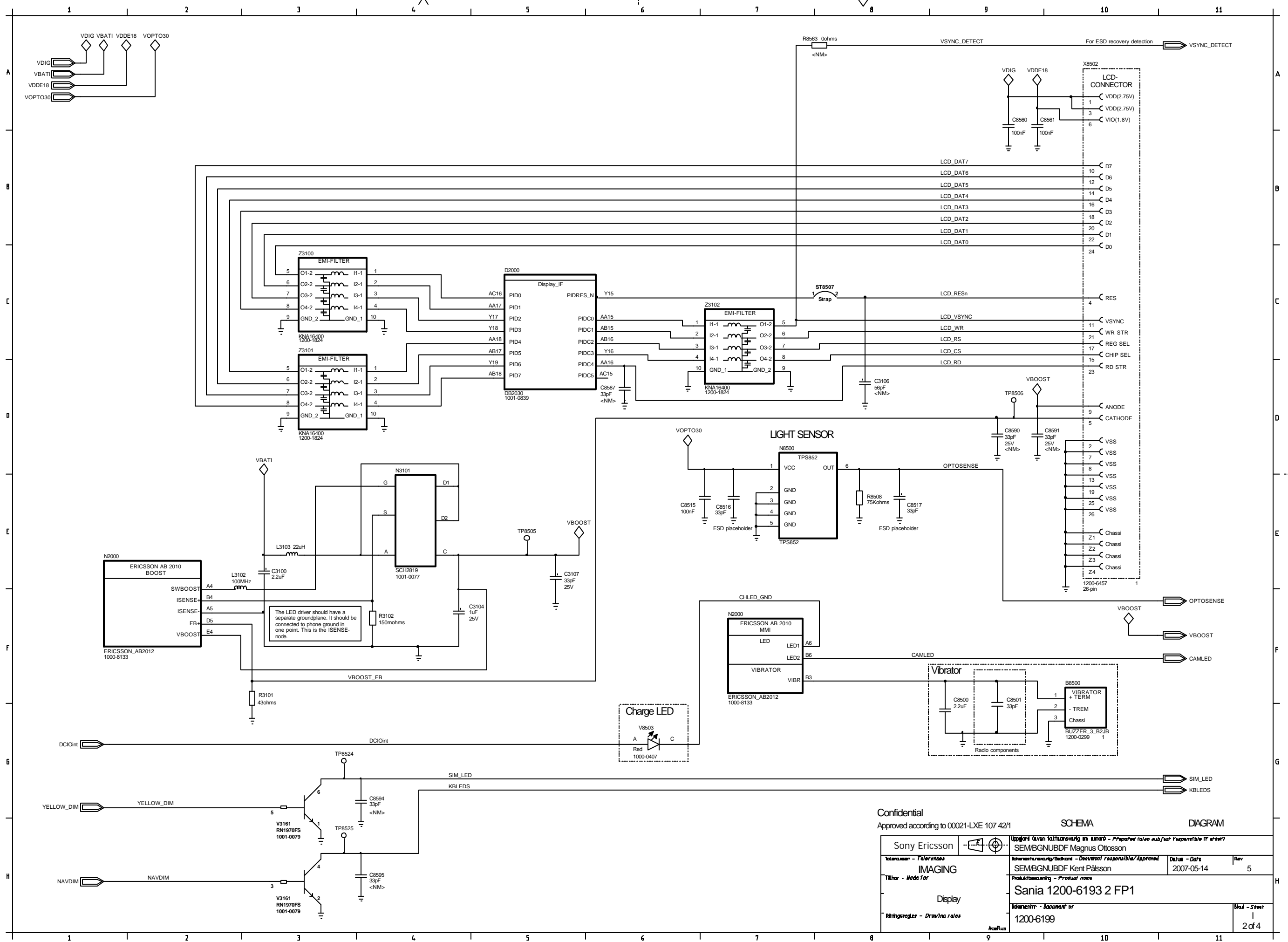
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SCHEMA

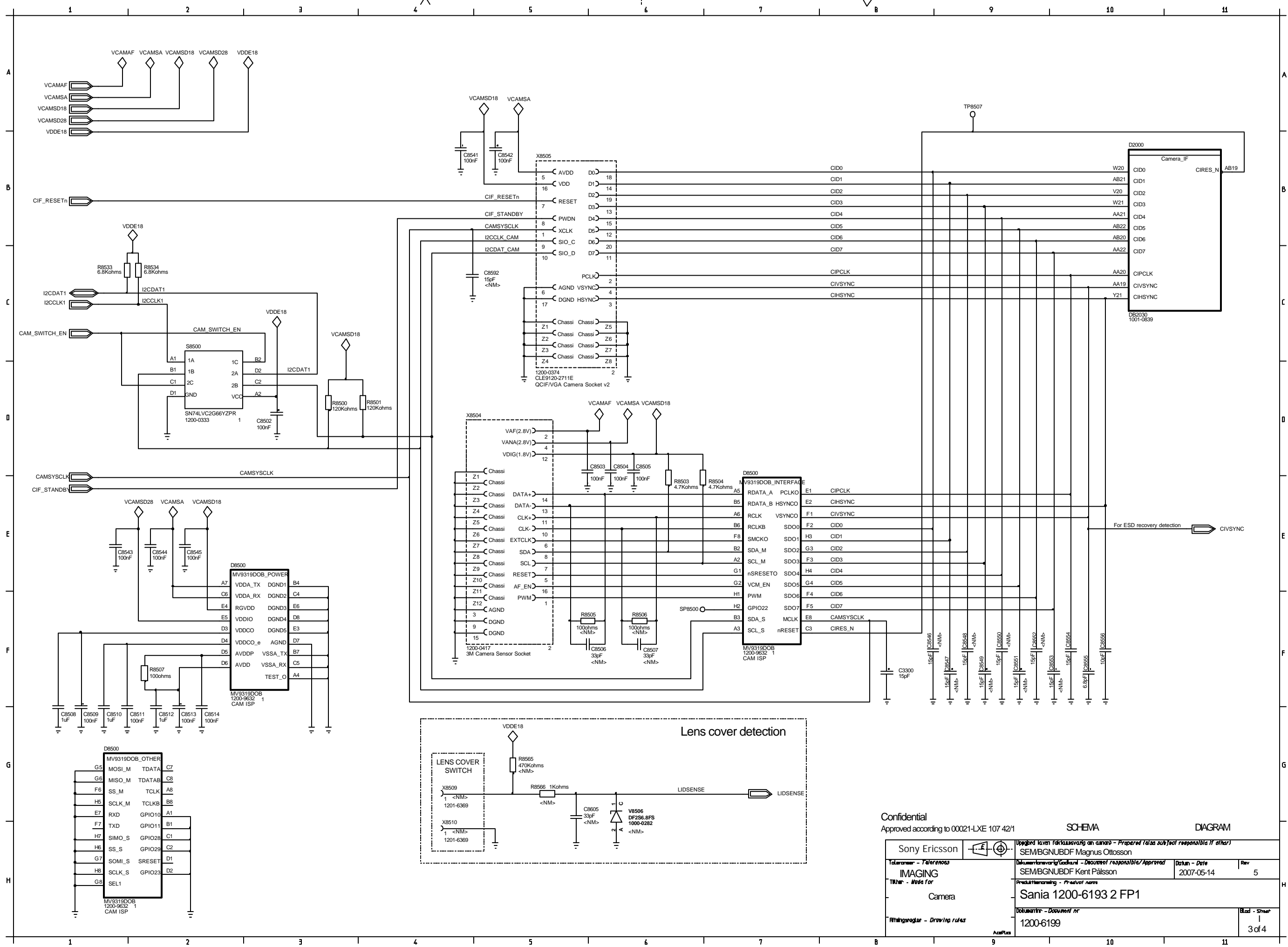
DIAGRAM

Sony Ericsson Toleranser - Tolerances IMAGING Tillver - Made for Imaging Top Ritningsregler - Drawing rules			Uppgörelsen är förklarad som öppen - Prepared (also subject responsibility if other) SEMBGNBDF Magnus Ottosson Dokumentansvarig/Handled - Document responsibility/Approved SEMBGNBDF Kent Pålsson Produktionsnamn - Product name Sania 1200-6193 2 FP1 Dokumentnr - Document nr 1200-6199		Datum - Date 2007-05-09 Rev 5 Sid - Sheet 1 of 4
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Sony Ericsson		Approved (even if translation in Swedish - Please refer to sub-section 'Responsibility') SEMBGNUMBDF Magnus Ottosson		Datum - Date		Rev	
Tolerances - Tolerances		SEMBGNUMBDF Kent Pålsson		2007-05-14		5	
Title - Medel för		Produktbenämning - Product name		Sania 1200-6193 2 FP1			
Display		Ikoneritet - Document nr		1200-6199		Blad - Sheet 1 2 of 4	
Ritningsregler - Drawing rules		AcadRus					

LZF 030 107/F RB

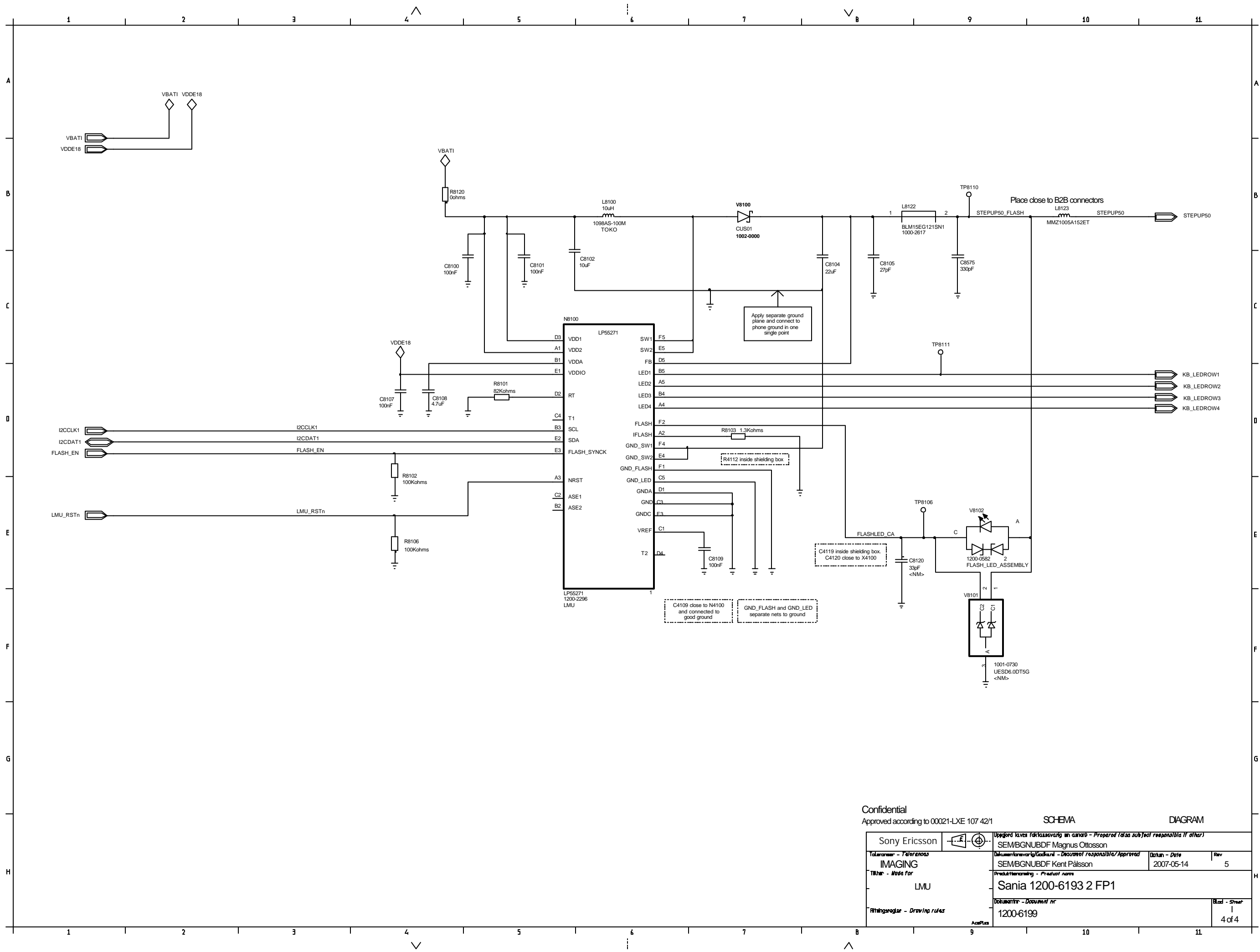


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SCHEMA
DIAGRAM

Sony Ericsson IMAGING Camera		Utgård lagen förklarevarig an ansvar - Prepared (also subject responsibility if other) SEMBGNUBDF Magnus Ottosson Dokumentansvarig/Handled - Document responsibility/Approved SEMBGNUBDF Kent Pålsson Sania 1200-6193 2 FP1 1200-6199	
Tolkansvar - Translation Tolkare - Translator Ritningsregler - Drawing rules		Datum - Date 2007-05-14	Rev 5
		Blad - Sheet 3 of 4	

LZF 030 107/F R8

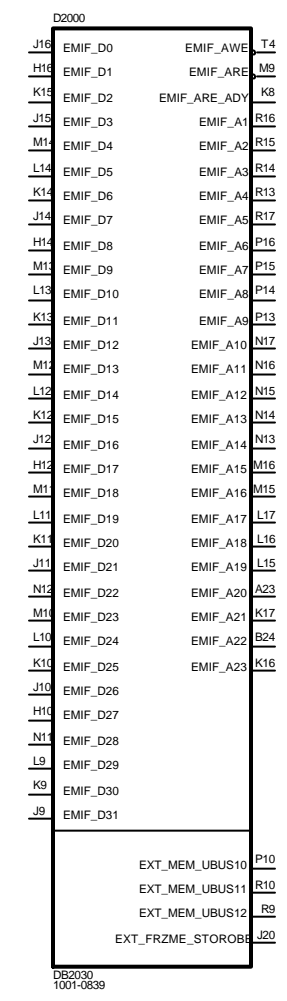
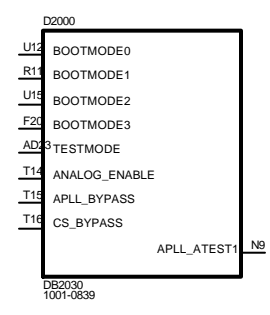
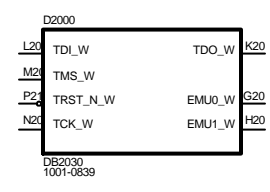
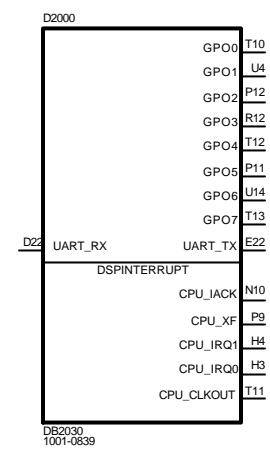
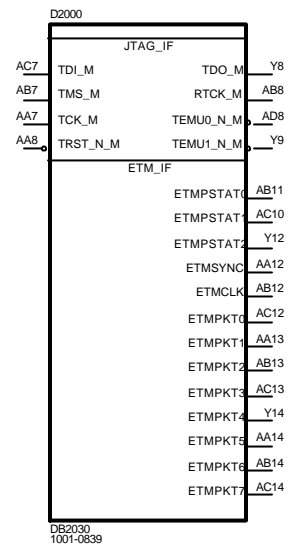


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Sony Ericsson		Uppgörelse över förhållande mellan anlitare - Prepared (also subject responsibility if other)		SEMBGUBDF Magnus Ottosson		Datum - Date	
Toleranser - Tolerances		IMAGING		SEMBGUBDF Kent Pålsson		2007-05-14	
Titel - Title		LMU		Produktnamn - Product name		5	
Ritningsregler - Drawing rules		1200-6199		Sania 1200-6193 2 FP1		Blad - Sheet	
				1200-6199		4 of 4	

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1 2 3 4 5 6 7 8 9 10 11

A B C D E F G H



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SCHEMA DIAGRAM

Sony Ericsson		Uppgård laven förklaravärdig an ansvar - Prepared (also subject responsibility if other)	
Toleranser - Tolerances		SEM/BG/NUBDF Magnus Ottosson	
TITel - Title for		SEM/BG/NUBDF Kent Pålsson	
Ritningsregler - Drawing rules		Produktbenämning - Product name	
TEST		Sania 1200-6193 2 FP1	
Test		Dokumentnr - Document nr	
		1200-6200	
		Blad - Sheet	
		T 1 of 1	

AcqPlus

