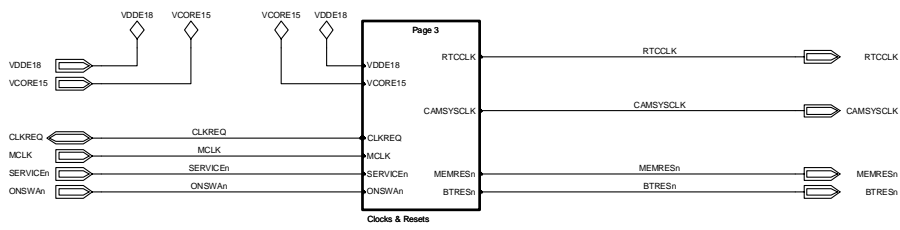


Sony Ericsson
 Distributed by S.C. EMFA Customer Services

Confidential
 Approved according to 00021-LXE 107 42/1 SCHEMA DIAGRAM

Sony Ericsson		Approved (even if it is not approved) - Prepared (also subject responsible if other)		
Tolerances - Tolerances BASEBAND Tolerances - Made for Logic Top		SEMCJ/ Kiyotaka Yamanoi SEMCJ/ Daisuke Katayama		Date - Date 2006/06/09
Ritzingsregler - Drawing rules		Produktionsschein - Product name THELMA		Rev E
2/1911-ROA 128 1740/2		Dokumentnr - Document nr		Blad - Sheet 01 of 22

LZF 030 102/F RB

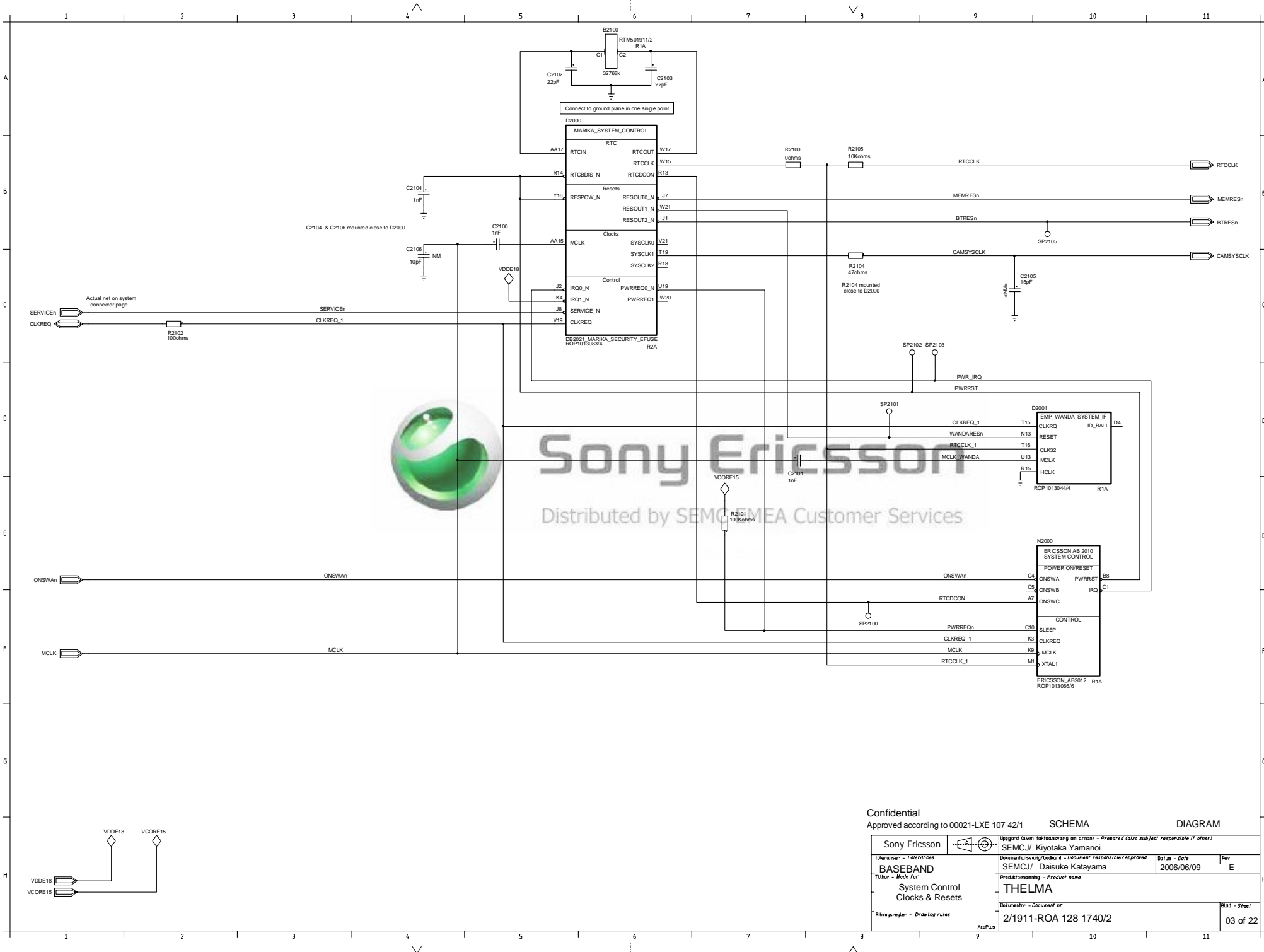



Sony Ericsson

Distributed by SEMC EMEA Customer Services

Confidential
 Approved according to 00021-LXE 107 42/1 SCHEMA DIAGRAM

				Uppgård lösen faktiskt ansvarig om annan - Prepared (also subject responsible if other)	
Toleranser - Tolerances BASEBAND Tillver - Made for System Control Top Ritningsregler - Drawing rules		SEMC/J/ Kiyotaka Yamanoi SEMC/J/ Daisuke Katayama THELMA		Datum - Date 2006/06/09	Rev E
Ritningsregler - Drawing rules ActPlus		Dokumentnr - Document nr 2/1911-ROA 128 1740/2		Sidor - Sheet 02 of 22	

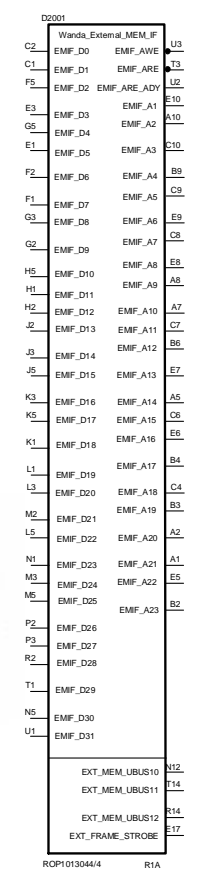
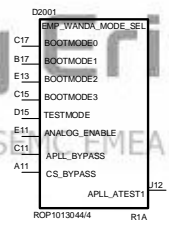
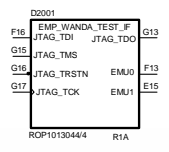
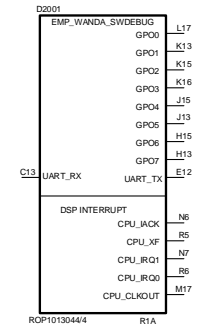
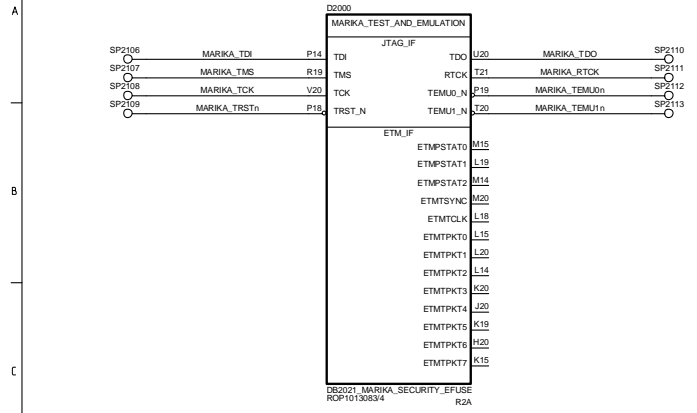



 Distributed by SEMC/MEA Customer Services

Confidential		Approved according to 00021-LXE 107 42/1		SCHEMA		DIAGRAM	
Sony Ericsson		Sjögård Laven Inkompatibilitet on annan - Prepared (also subject responsible if other)					
Toleranser - Tolerances		SEM CJ/ Kiyotaka Yamanoi		Dokumentation/Checkand - Document responsible/Approved		Datum - Date	
BASEBAND		SEM CJ/ Daisuke Katayama		2006/06/09		Rev E	
Tillus - Made for		Produktansvaring - Product name					
System Control		THELMA					
Clocks & Resets		Dokumentnr - Document nr					
Ritningsregler - Drawing rules		2/1911-ROA 128 1740/2				Blad - Sheet	
		Asellus				03 of 22	

LZF 030 102/F RB

1 2 3 4 5 6 7 8 9 10 11



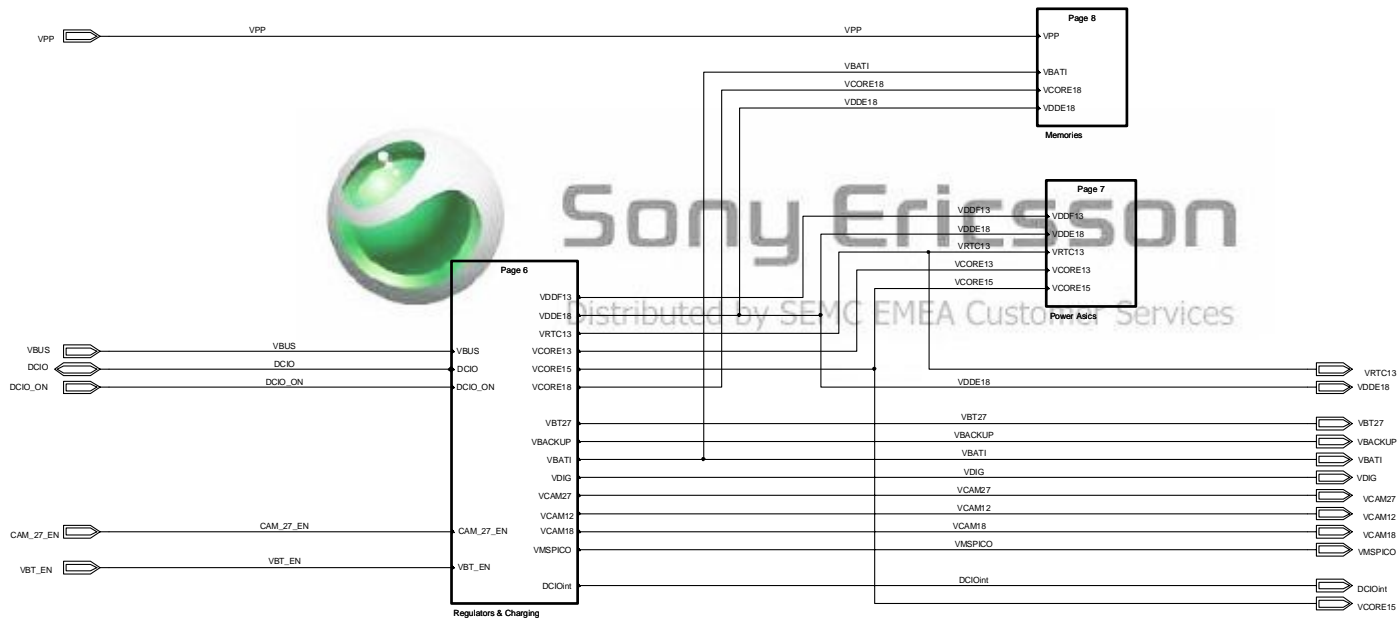
Sony Ericsson
Distributed by S... M... Customer Services

Confidential Approved according to 00021-LXE 107 42/1 SCHEMA DIAGRAM

Sony Ericsson	Sjögård lösen faktasavlagt om annan - Prepared (also subject responsible if other)		
Toleranser - Tolerances	SEMJCJ/ Kiyotaka Yamanoi	Dokumentansvarig/Document - Document responsible/Approved	Datum - Date
BASEBAND	SEMJCJ/ Daisuke Katayama		2006/06/09
Titulus - Model for	THELMA		
System Control Test	Produktbenämning - Product name		
Ritningsregler - Drawing rules	2/1911-ROA 128 1740/2		Blad - Sheet
	AsiPlus		04 of 22

LZF 030 102/F RB

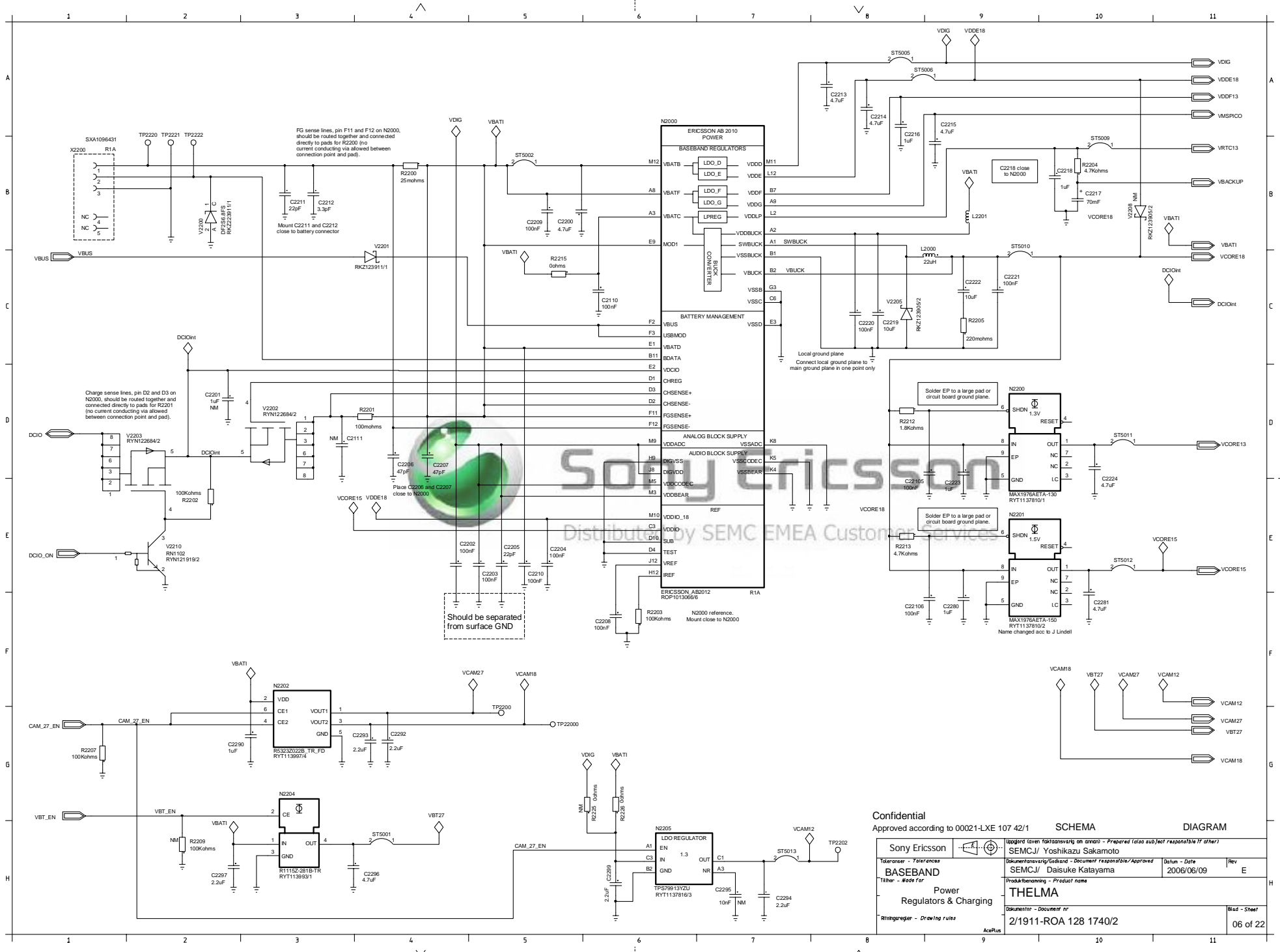
1 2 3 4 5 6 7 8 9 10 11

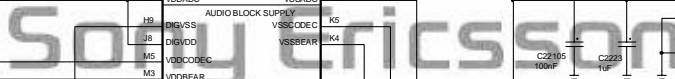



Sony Ericsson
 Distributed by SEMC EMEA Customer Services

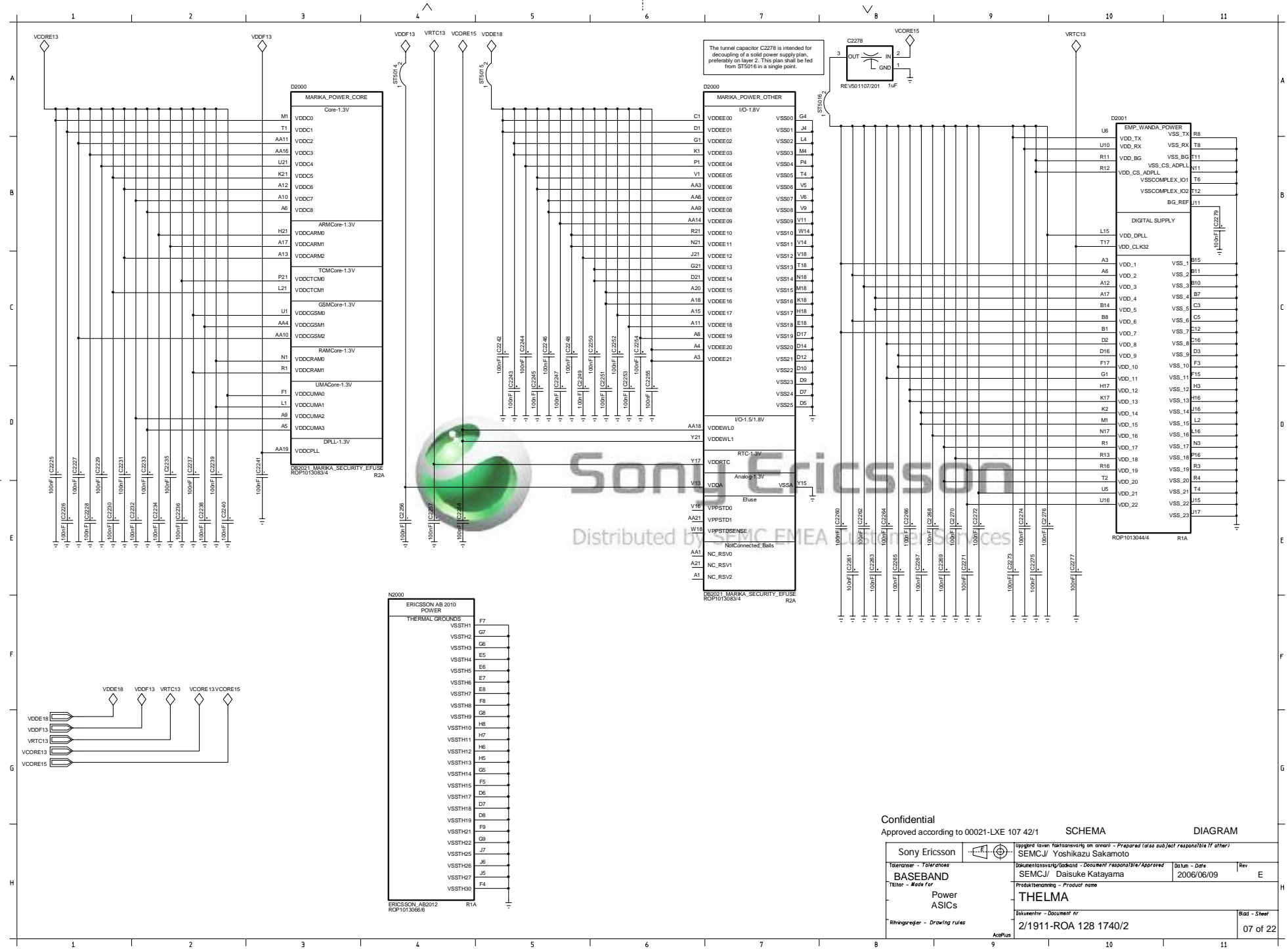
Confidential
 Approved according to 00021-LXE 107 42/1 SCHEMA DIAGRAM

		Iggärna lösen faktiskt ansvarig om annan - Prepared (also subject responsible if other)		
Toleranser - Tolerances BASEBAND Tillver - Made for Power Top Ritningsregler - Drawing rules		SEMCJ/ Yoshikazu Sakamoto Dokumentansvarig/Gesikband - Document responsible/Approved SEMCJ/ Daisuke Katayama Produktionsbenämning - Product name THELMA Dokumentnr - Document nr 2/1911-ROA 128 1740/2		Datum - Date 2006/06/09 Rev E
ActiUs		05 of 22		




 Distributed by SEMC EMEA Customer Services

Confidential		SCHEMA		DIAGRAM	
Approved according to 00021-LXE 107 42/1					
Sony Ericsson		SEM CJ/ Yoshikazu Sakamoto			
Tolerances - Tolerances		SEM CJ/ Daisuke Katayama			
Other - Note for		Produktbenämning - Product name		Datum - Date	
Power Regulators & Charging		THELMA		2006/06/09	
Ritningsregler - Drawing rules		Dokumentnr - Document nr		Rev	
		2/1911-ROA 128 1740/2		E	
AcePlus				Blad - Sheet	
				06 of 22	



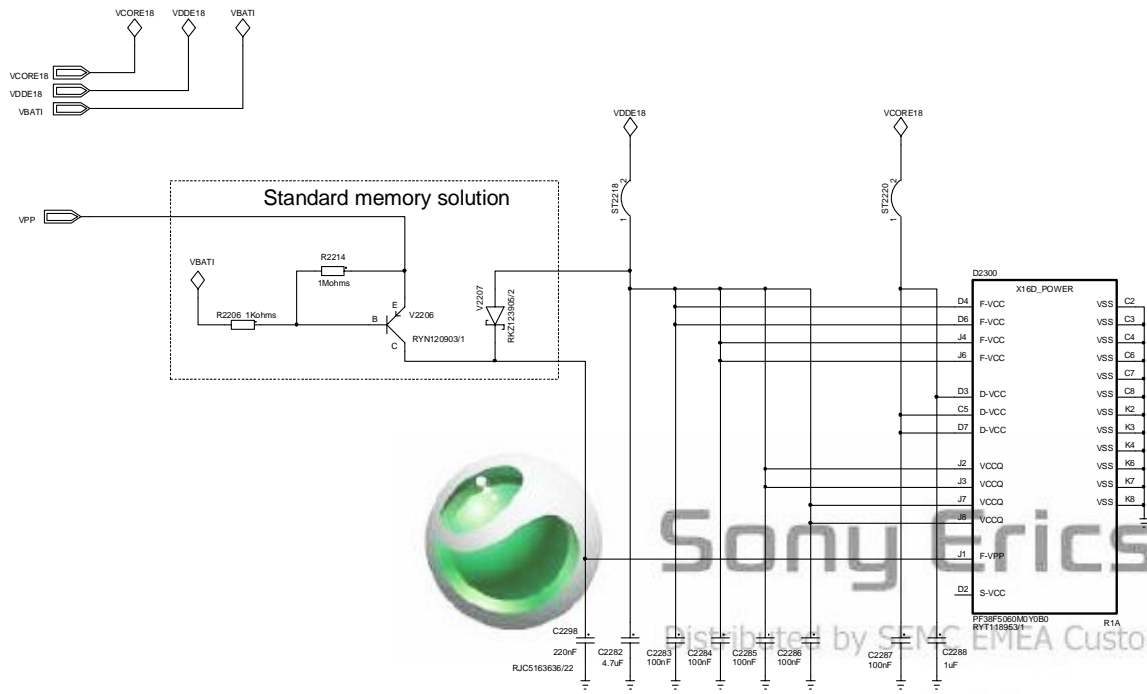
Sony Ericsson
 Distributed by SEMC EMEA Customer Services

Confidential
 Approved according to 00021-LXE 107 42/1

SCHEMA
 DIAGRAM

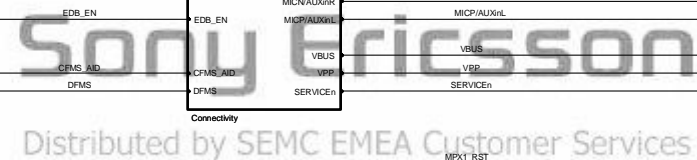
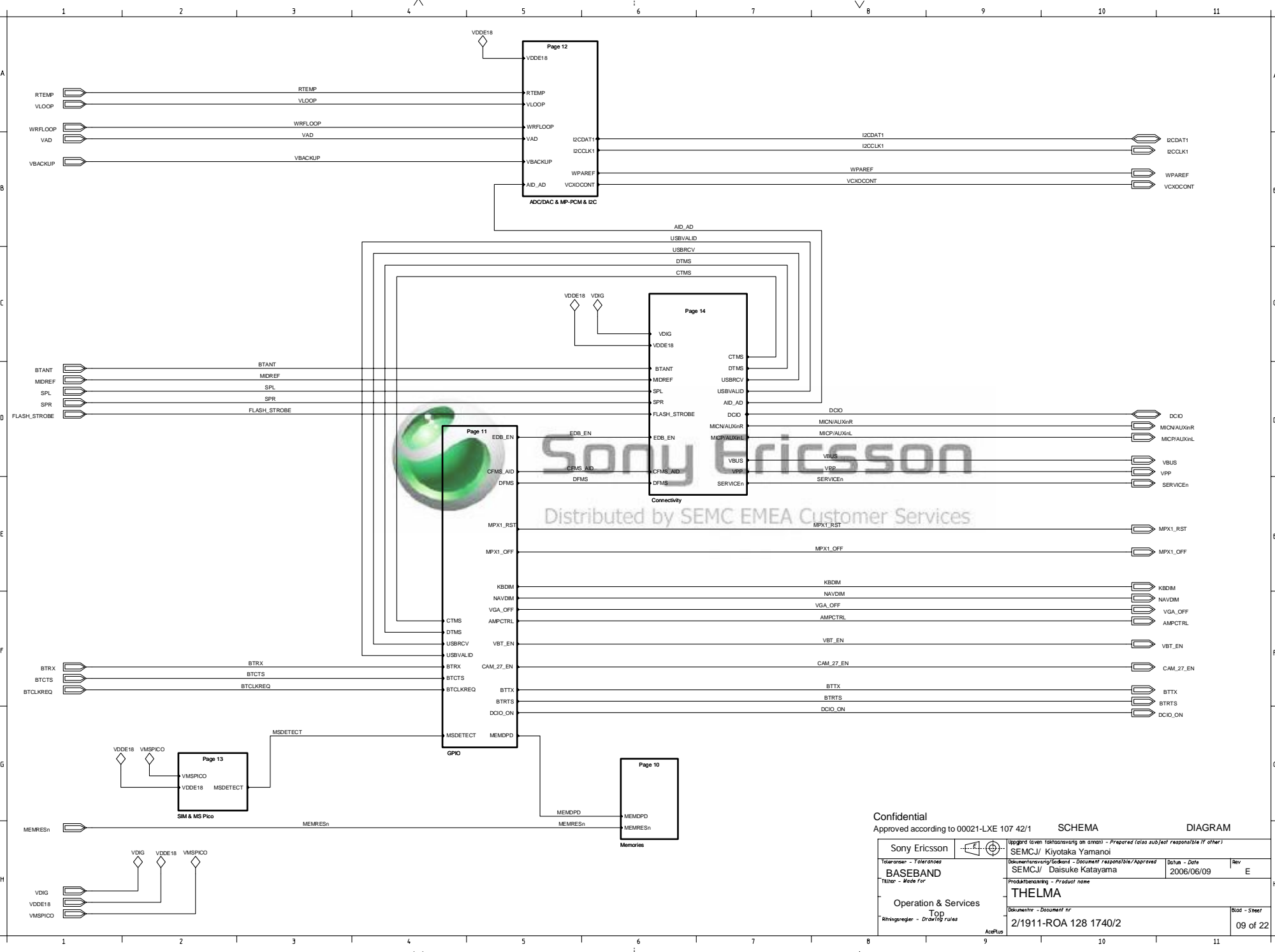
Sony Ericsson BASEBAND Power ASICs		Uppgård laven faktureringsavgift om annan - Preparad (äsa sub/rot responsible if other) SEMC/J/ Yoshikazu Sakamoto	
Toleranser - Tolerances Tålthet - Made for Riktlinjeregler - Drawing rules		Dokumentationslogg/Logbook - Document responsibility/Approved SEMC/J/ Daisuke Katayama Datum - Date 2006/06/09 Rev E	
RCP10130444 R1A		Produktbenämning - Product name THELMA Dokumentnr - Document nr 2/1911-ROA 128 1740/2 Sid - Sheet 07 of 22	

AccPlus



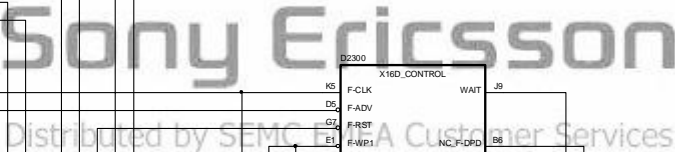
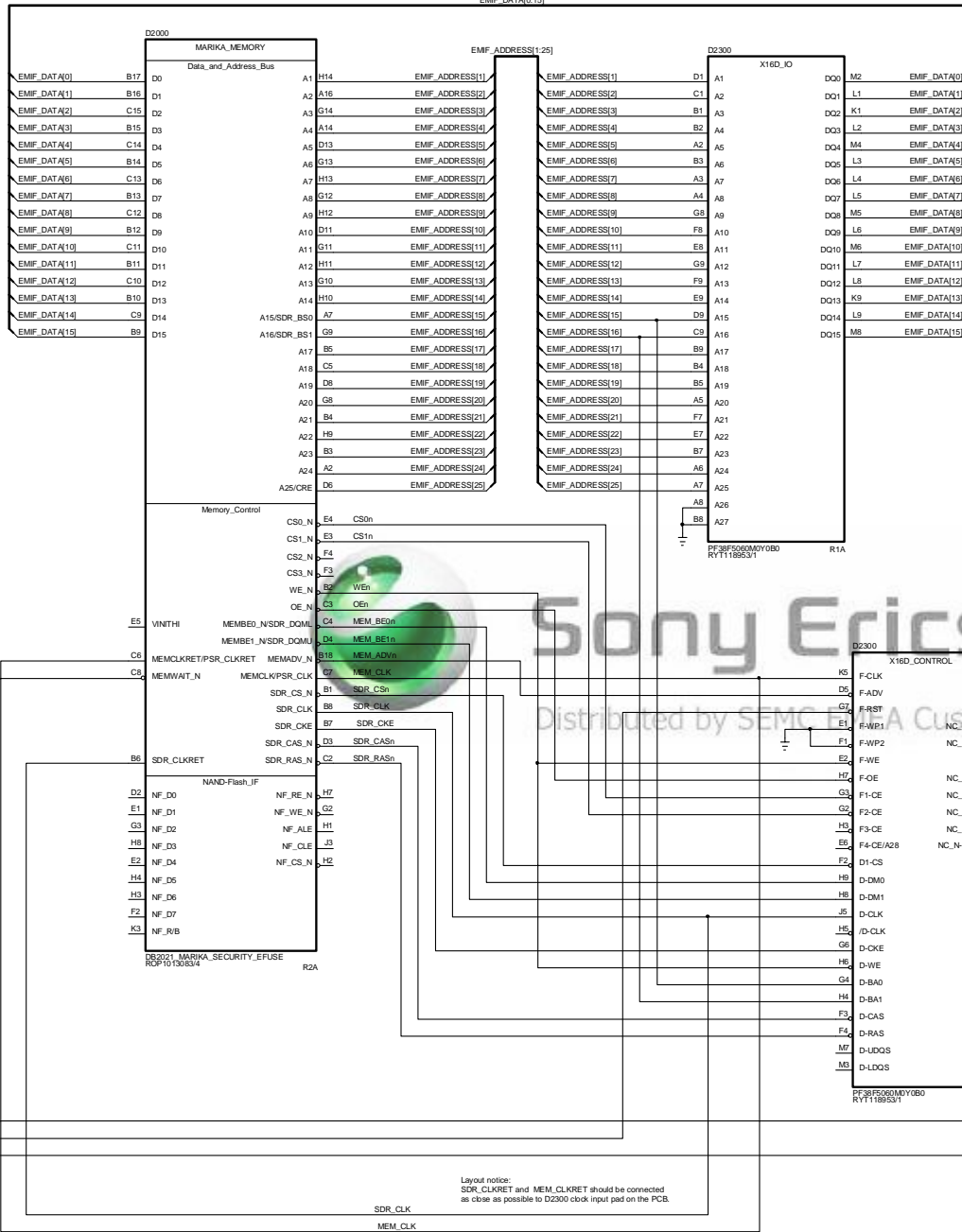
Confidential
 Approved according to 00021-LXE 107 42/1 SCHEMA DIAGRAM

Sony Ericsson		Utgåva läven (aktörsavsig om annan) - Prepared (also subject responsible if other)		
Toleranser - Tolerances BASEBAND Tillver - Made for Power Memories Ritningsregler - Drawing rules		Dokumentationsansvarig/Document - Document responsible/Approved SEMCJ/ Daisuke Katayama		Datum - Date 2006/06/09
		Produktionens namn - Product name THELMA		
		Dokumentnr - Document nr 2/1911-ROA 128 1740/2		Sid - Sheet 08 of 22



Confidential		Approved according to 00021-LXE 107 42/1		SCHEMA		DIAGRAM	
		Approved (even if it is not signed) - Prepared (also subject responsible if other)					
Tolerances - Tolerances BASEBAND Tolerances - Mode for		SEMCJ/ Kiyotaka Yamanoi SEMCJ/ Daisuke Katayama		Date - Date 2006/06/09		Rev E	
Operation & Services Top Ritningsregler - Drawing rules		THELMA Dokumentnr - Document nr 2/1911-ROA 128 1740/2				Side - Sides 09 of 22	
AsePlus							

LZF 030 102/F RB

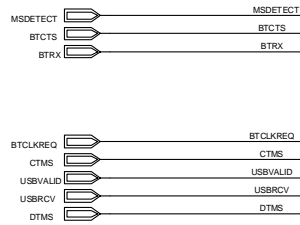


Layout notice:
SDR_CLKRET and MEM_CLKRET should be connected as close as possible to D2300 stock input pad on the PCB.

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

Confidential
Approved according to 00021-LXE 107 42/1 SCHEMA DIAGRAM

Sony Ericsson	Upplagor även i skyddsavtalig omgivning - Prepared (also subject responsible if other)		
Toleranser - Tolerances	SEMCMJ/ Kiyotaka Yamanoi	Dokumentansvarig/Document - Document responsible/Approved	Dat/Lus - Date
BASEBAND	SEMCMJ/ Daisuke Katayama	2006/06/09	Rev E
Tilln - Made for	Produktbenämning - Product name		
Operation & Services Memories	THELMA		
Ritningsregler - Drawing rules	Dokumentnr - Document nr		Blad - Sheet
	2/1911-ROA 128 1740/2		10 of 22



D2000

MARIKA GPIO	
Gen.Purpose_ID	
GPIO00/UARTX0	R3
GPIO01/UARTX0	P7 DFMS
GPIO02/UARTCTS0/USBRCV	T3
GPIO03/UARTRTS0/USBVBUS	V2
GPIO04/UARTX1	R4
GPIO05/UARTX1	W1 CFMS_AID
GPIO06/UARTCTS1	N8
GPIO07/UARTRTS1	W2
GPIO10/SYCLKREQ0	Y1
GPIO11/SYCLKREQ1	Y2
GPIO12/SYCLKREQ2	U4
GPIO13/GPSSTART	W3
GPIO14	V9
GPIO15/EXTTRIG	W4 AMPCTRL
GPIO16/BUS_REQ	AA2
GPIO17/BUS_GNT	V9
GPIO20/UARTX3/DSPGR00	W4 BTTX
GPIO21/UARTX3/DSPGR01	W6
GPIO22/UARTCTS3/DSPGR02	W7 BTRTS
GPIO23/UARTRTS3/DSPGR03	Y4
GPIO24/UARTX6/SPID0/SPGR04	Y4 MPX1_OFF
GPIO25/UARTX6/SPID0/SPGR05	AA6
GPIO26/UARTCTS6/SPRDV/DSPPG06	W7 VGA_OFF
GPIO27/UARTX6/SPCLK/DSPPG07	R8
GPIO30/FM	Y5 DCIO_ON
GPIO31/PWM0	V8
GPIO32/PWM1	W8
GPIO33/MCPOW	Y6 VBT_EN
GPIO34/MCLKRET	R8
GPIO35/JOGXA	AA7 CAM_Z7_EN
GPIO36/JOGXB	Y7
GPIO37/JOGXS	AA8
GPIO40/JOGYA/SPEN0	W9 MEMDPD
GPIO41/JOGYB/SPEN1/UARTCTS0	Y8
GPIO42/JOGYS/SPEN2/UARTRTS0	W10 EDB_EN
GPIO43/TGBUZZ/SPEN3/RSELECT	R9
GPIO44/UARTX6	P9
GPIO45/UARTX6/RTX/RCTX	Y9
GPIO46/UARTCTS6/IRSD	V10
GPIO47/UARTRTS6/RCTX/IRC	W11 MPX1_RST

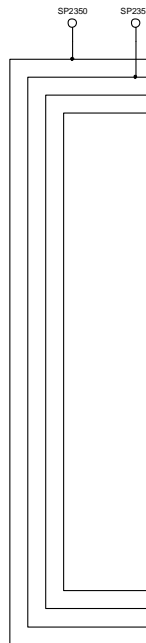
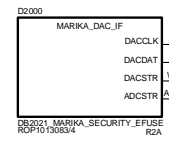
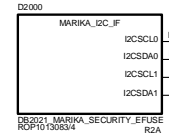
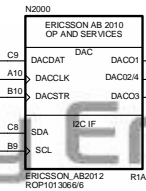
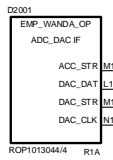
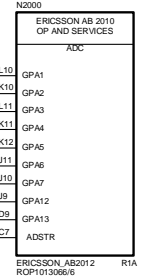
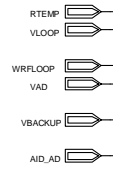
062021 MARIKA_SECURITY_EFUSE
ROP10130934 R2A



Distributed by SEMC EMEA Customer Services

Confidential
Approved according to 00021-LXE 107 42/1 SCHEMA DIAGRAM

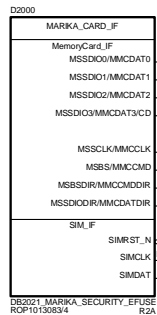
Sony Ericsson	Byggnad lösen (aktörsansvarig om annan) - Prepared (also subject responsible if other)		
Toleranser - Tolerances	SEMCMJ/ Kiyotaka Yamanoi	Skapad av - Created by	Rev
BASEBAND	SEMCMJ/ Daisuke Katayama	2006/06/09	E
Tillver - Made for	Produktbenämning - Product name		
Operation & Services	THELMA		
GPIO	Skapad av - Document nr		
Ritningsregler - Drawing rules	2/1911-ROA 128 1740/2	Blad - Sheet	
	AcqPlus	11 of 22	



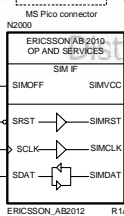
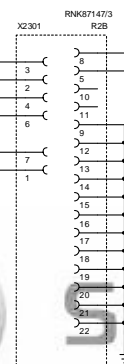
Confidential
Approved according to 00021-LXE 107 42/1 SCHEMA DIAGRAM

Sony Ericsson		Uppgärd lämnad faktiskt ansvarig om annan - Prepared (also subject responsible if other)		
Toleranser - Tolerances		SEMCI/ Yoshikazu Sakamoto		
BASEBAND		SEMCI/ Daisuke Katayama		Datum - Date 2006/06/09
Titel - Model nr		Produktbenämning - Product name		
Operation & Services ADC & DAC		THELMA		
Ritningsregler - Drawing rules		Dokumentnr - Document nr		Blad - Sheet
AsiEus		2/1911-ROA 128 1740/2		12 of 22

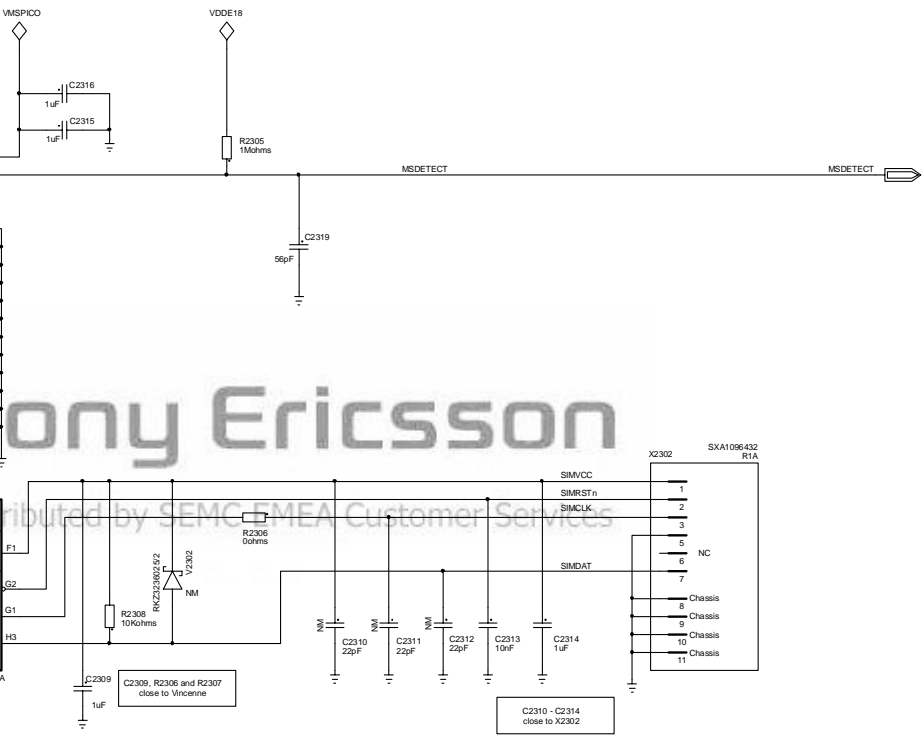
LZF 0310 102/F RB



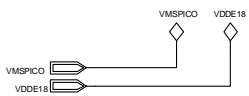
D8301 MARKA_SECURITY_EFUSE
ROP10130834 R2A



ERICSSON_AB012
ROP101306616 R1A



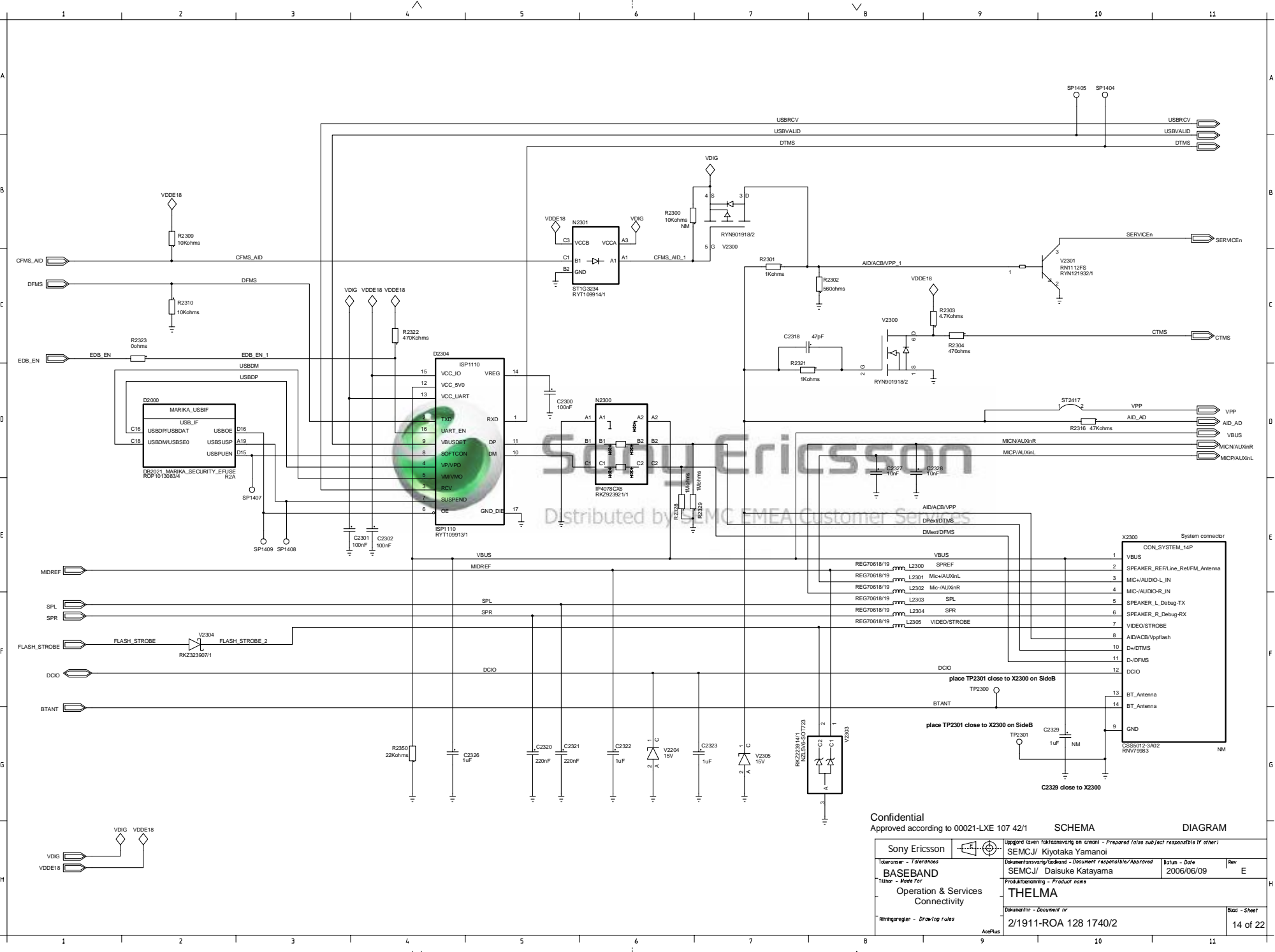
Distributed by SEMCJ/MEA Customer Services



Confidential
Approved according to 00021-LXE 107 42/1 SCHEMA DIAGRAM

		Utgåvan lämnad iaktasvarigt om annan - Prepared (also subject responsible if other)		
BASEBAND Tillverkad för Operation & Services MS Pico and SIM		SEMCJ/ Akira Fujita SEMCJ/ Daisuke Katayama THELMA		Datum - Date 2006/06/09
Ritningsregler - Drawing rules AcePlus		Dokumentnr - Document nr 2/1911-ROA 128 1740/2		Rev E Blad - Sheet 13 of 22

LZF 0310 102/F RB

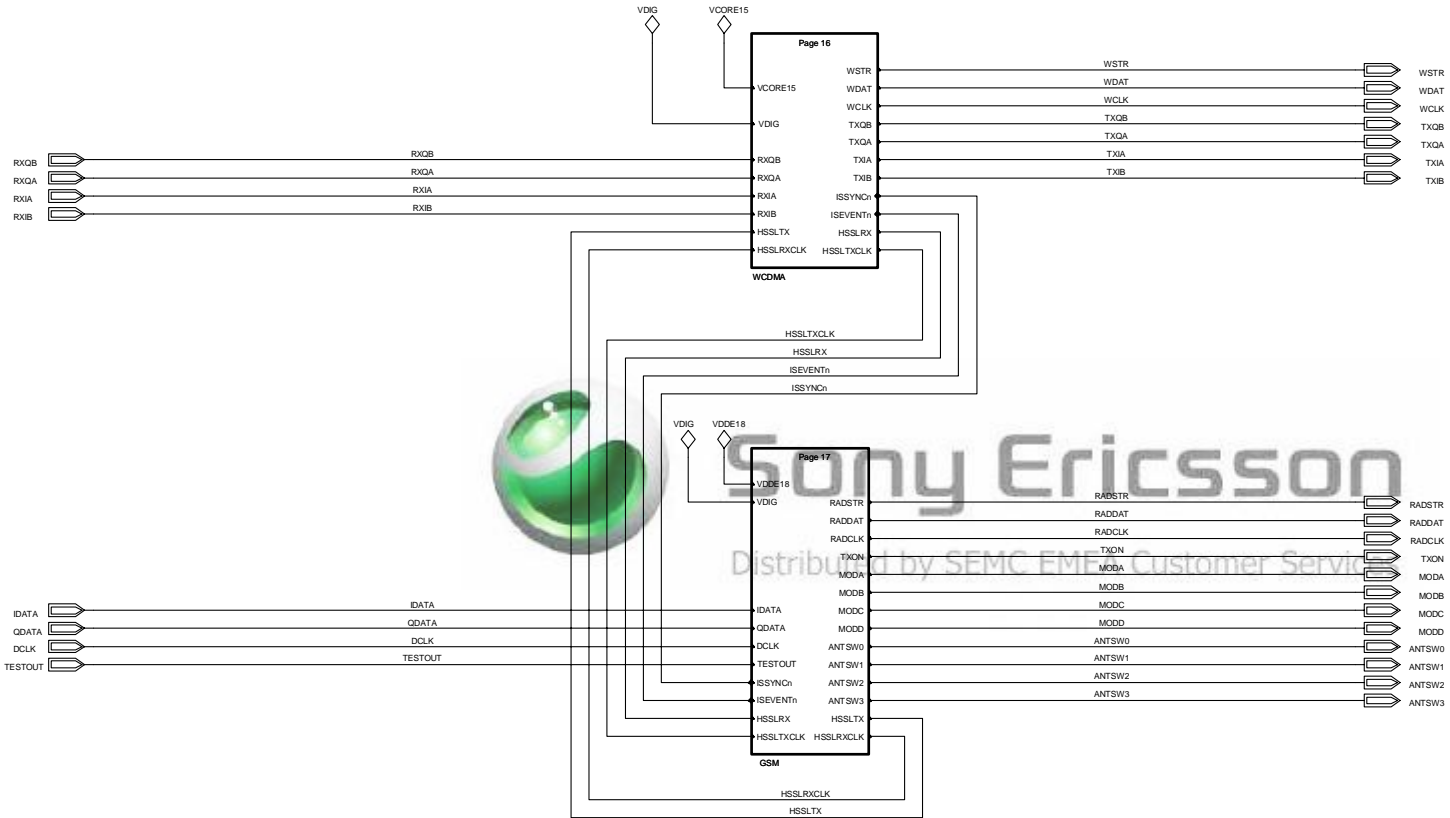


Confidential
Approved according to 00021-LXE 107 42/1

SCHEMA DIAGRAM

		Uppgörelsen är förtämlig och ansvarig på annan - Prepared (also subject) responsibility (if other)	
Toleransen - Tolerances BASEBAND Titeln - Model Part Operation & Services Connectivity		SEMC/J/ Kiyotaka Yamanoi Dokumentationsansvarig/Document - Document Responsibility/Approved SEMC/J/ Daisuke Katayama Produktbenämning - Product name THELMA	
Ritningsregler - Drawing rules		Dokumentnr - Document nr 2/1911-ROA 128 1740/2	
Rev E		Datum - Date 2006/06/09	
Bas - Sheet 14 of 22		Rev E	

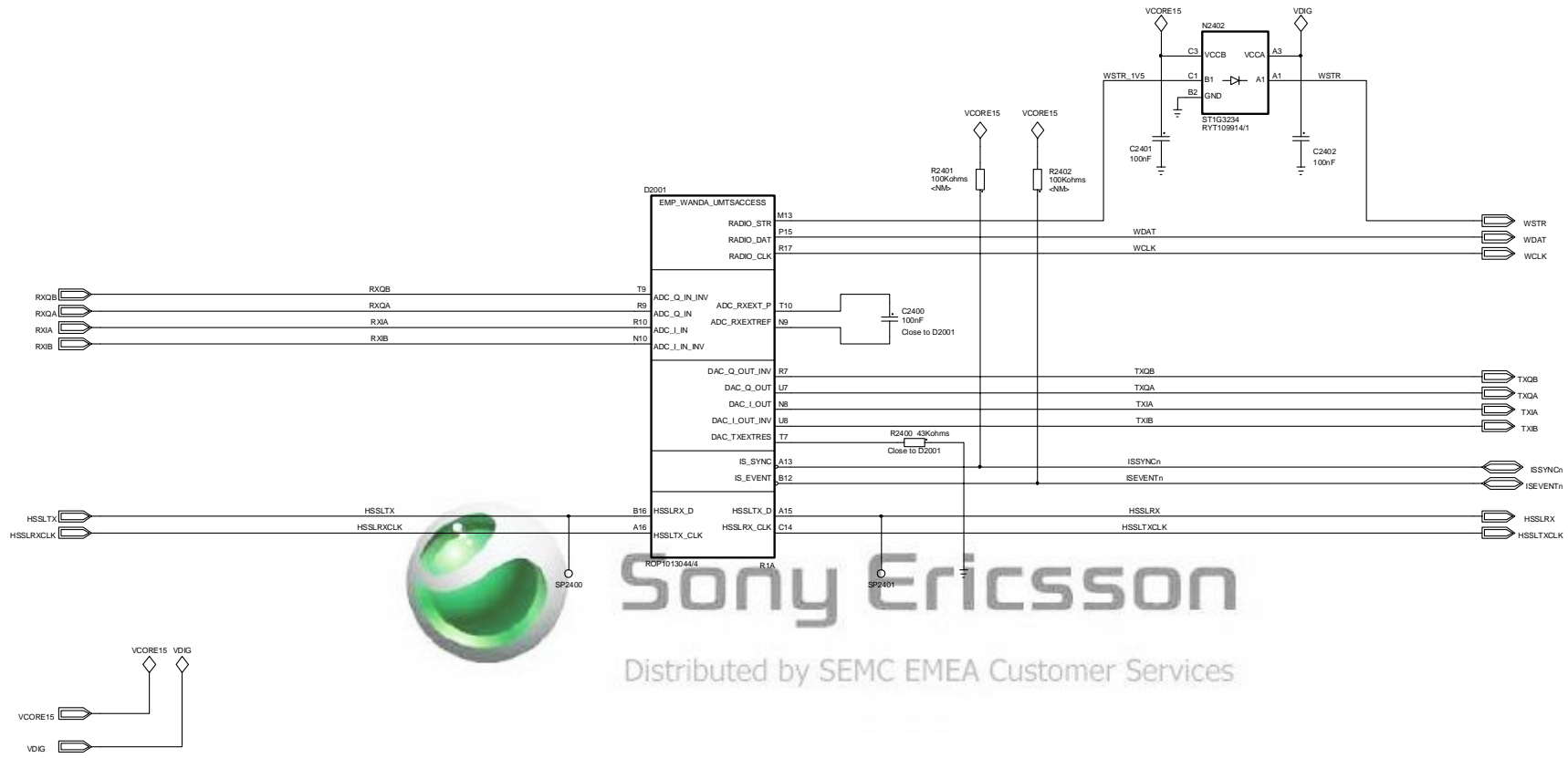
LZF 030 102/F RB



Sony Ericsson
 Distributed by SEMC EMEA Customer Service

Confidential
 Approved according to 00021-LXE 107 42/1 SCHEMA DIAGRAM

Sony Ericsson		Sjögård (även faktasvavig om annan) - Prepared (also subject responsible if other)		
Toleranser - Tolerances		SEMCM/ Yoshikazu Sakamoto		
BASEBAND		Dokumentation/Leckband - Document responsible/Approved		Datum - Date
Tillver - Made for		SEMCM/ Daisuke Katayama		2006/06/09
UMTS Access Top		Produktbenämning - Product name		
		THELMA		
Ritningsregler - Drawing rules		Dokumentnr - Document nr		Blad - Sheet
		2/1911-ROA 128 1740/2		15 of 22

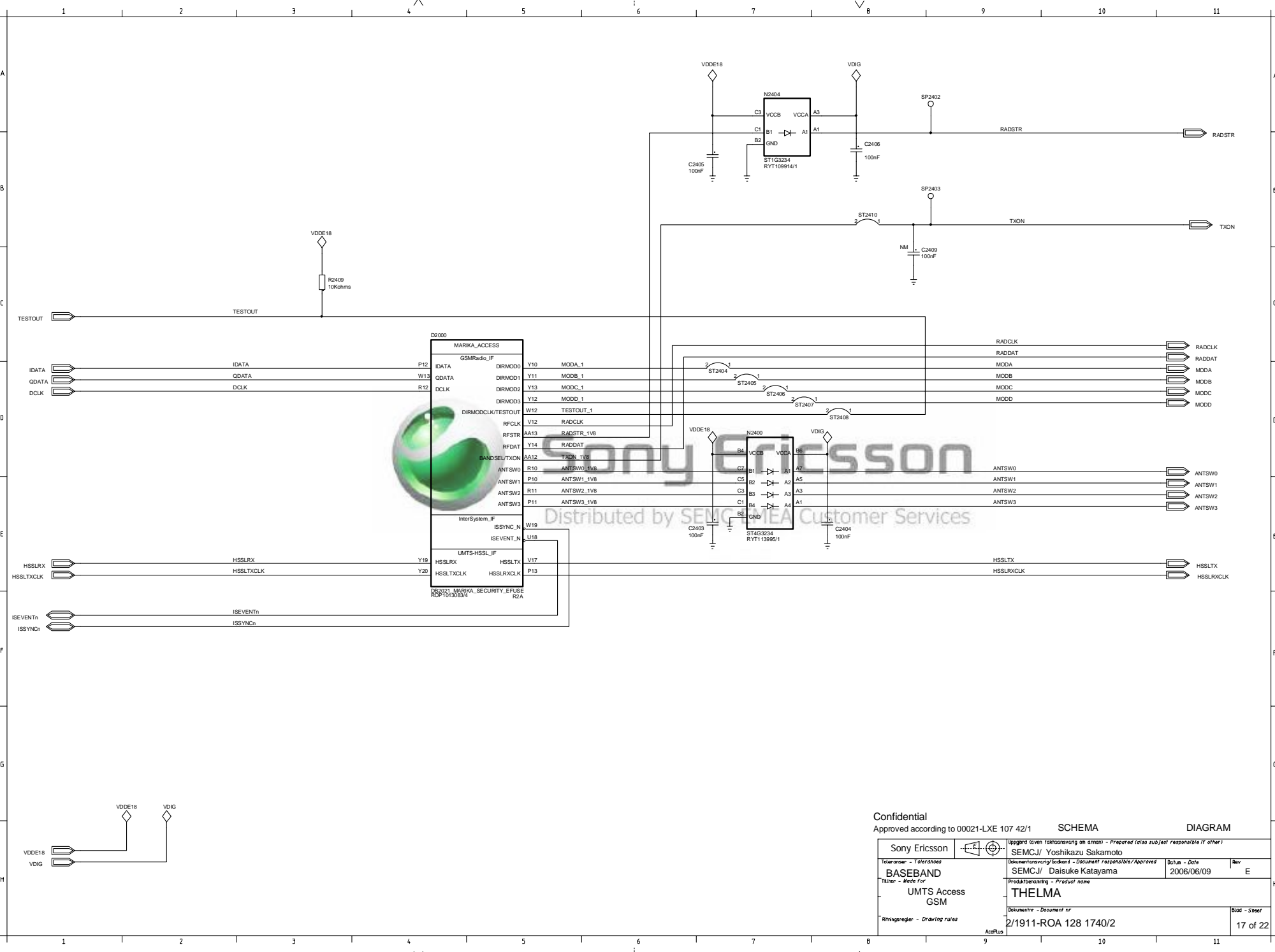


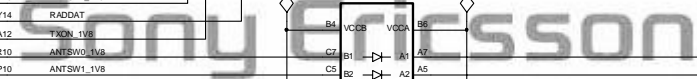


 Distributed by SEMC EMEA Customer Services

Confidential
 Approved according to 00021-LXE 107 42/1 SCHEMA DIAGRAM

		<i>Uppgörelsen faktasvarig och annan - Prepared (also subject responsible if other)</i>		
BASEBAND Titeln - Model for UMTS Access WCDMA Ritningsregler - Drawing rules		SEMCJ/ Yoshikazu Sakamoto Dokumentansvarig/Leadhand - Document responsible/Approved SEMCJ/ Daisuke Katayama Produktionsansvarig - Product name THELMA Dokumentnr - Document nr 2/1911-ROA 128 1740/2		Datum - Date 2006/06/09 Rev E
			Sid - Sheet 16 of 22	

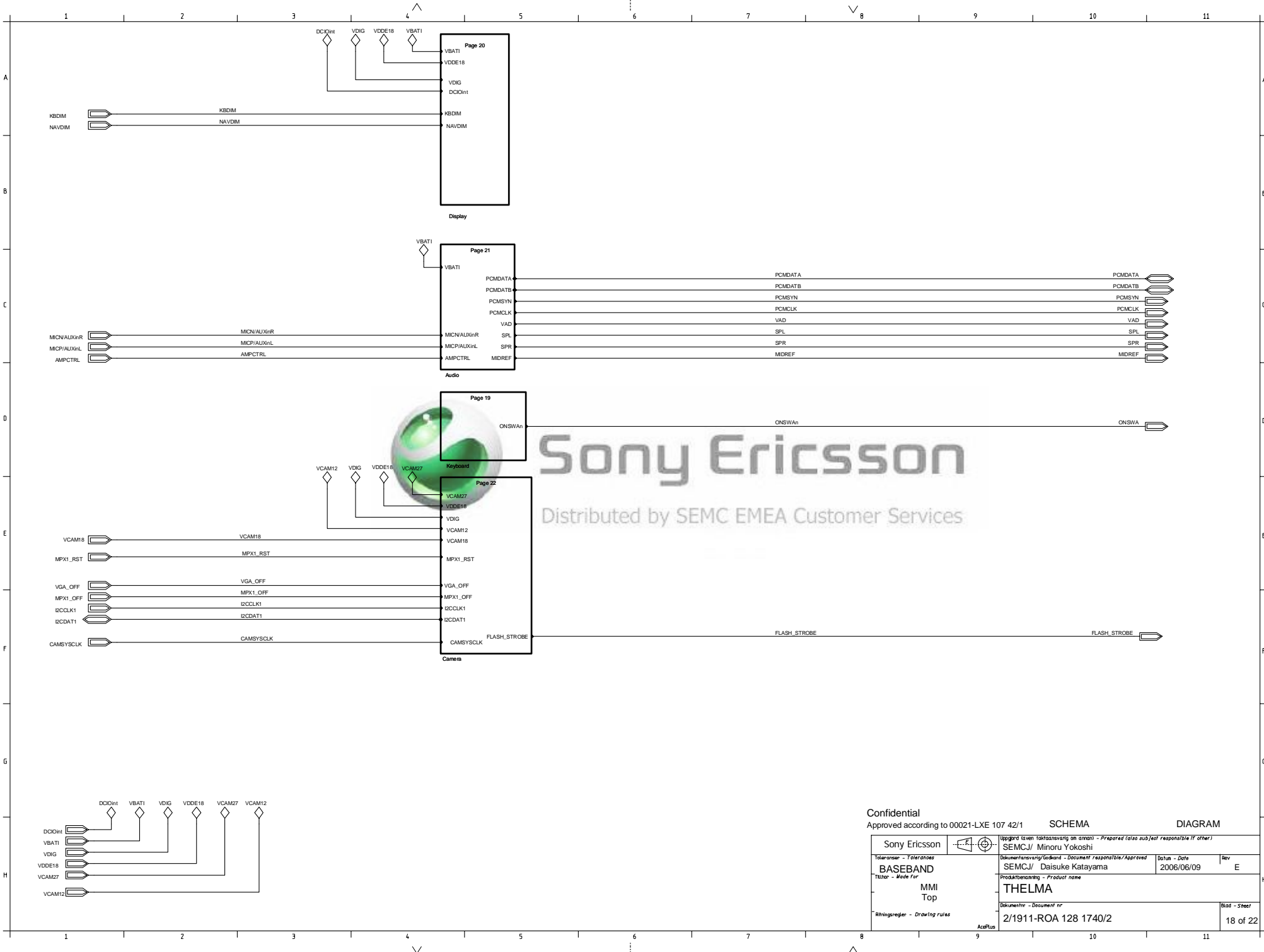



 Distributed by SEMC/JEA Customer Services

Confidential
 Approved according to 00021-LXE 107 42/1 SCHEMA DIAGRAM

Sony Ericsson		Utgåendeversion (utgåendeversion) - Prepared (also subject responsible if other)	
Toleranser - Tolerances BASEBAND Tillver - Made for UMTS Access GSM		SEMCJ/ Yoshikazu Sakamoto Dokumentationsförband - Document responsible/Approved SEMCJ/ Daisuke Katayama Datum - Date 2006/06/09 Rev E	
Ritningsregler - Drawing rules		Produktionsbenämning - Product name THELMA Dokumentnr - Document nr 2/1911-ROA 128 1740/2 Sid - Sheet 17 of 22	

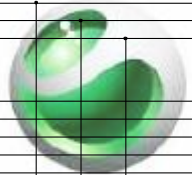
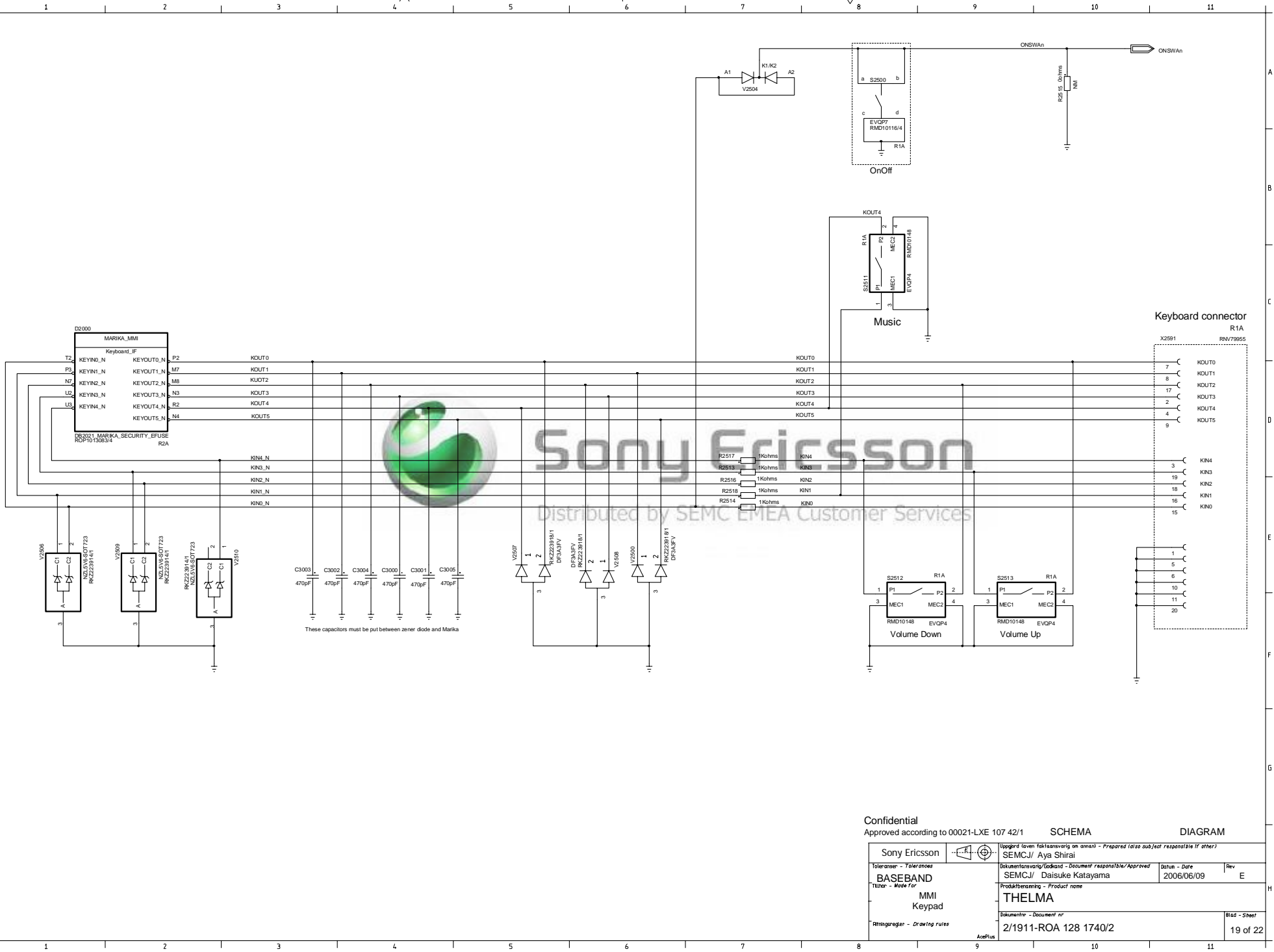
LZF 030 102/F RB



Sony Ericsson
 Distributed by SEMC EMEA Customer Services

Confidential		Approved according to 00021-LXE 107 42/1		SCHEMA		DIAGRAM	
Sony Ericsson		Approved (even if it is not approved on arrival) - Prepared (also subject responsible if other)					
Tolerances - Tolerances		SEMCMJ/ Minoru Yokoshi		Date - Date		Rev	
BASEBAND		SEMCMJ/ Daisuke Katayama		2006/06/09		E	
Title - Made for		Production name - Product name					
MMI Top		THELMA					
Drawing rules		2/1911-ROA 128 1740/2				Sheet - Sheet	
		2/1911-ROA 128 1740/2				18 of 22	

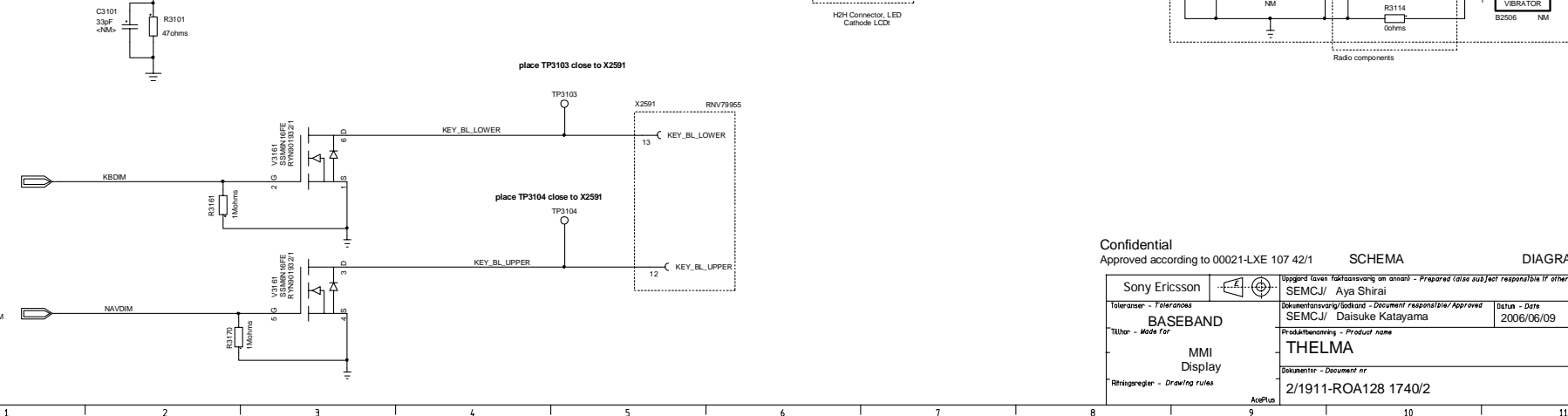
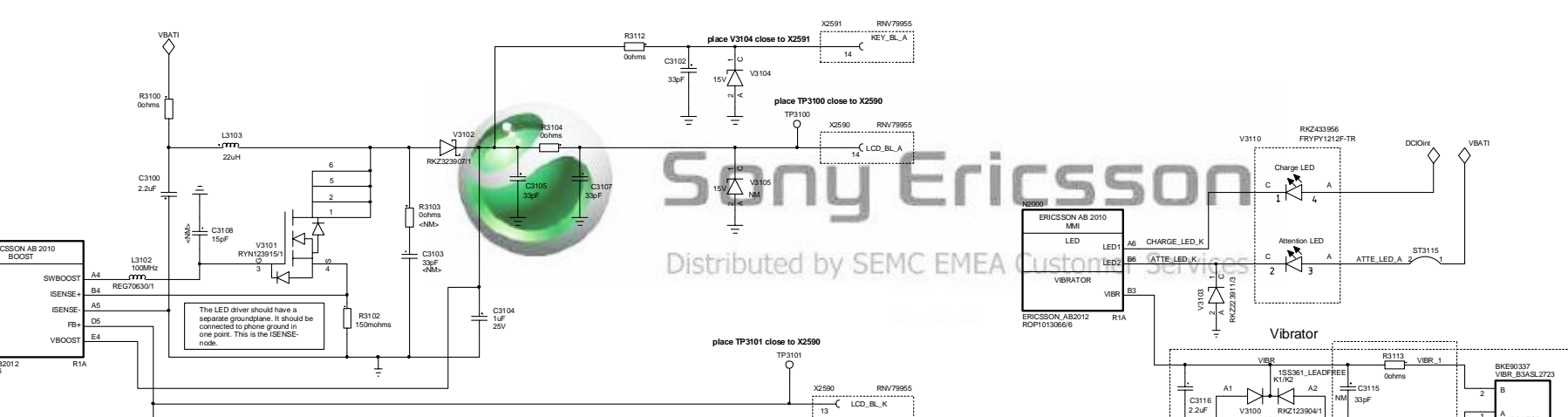
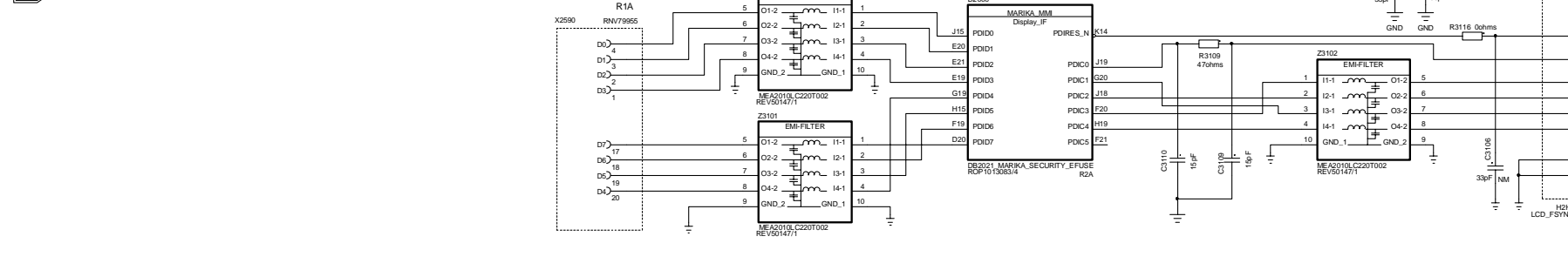
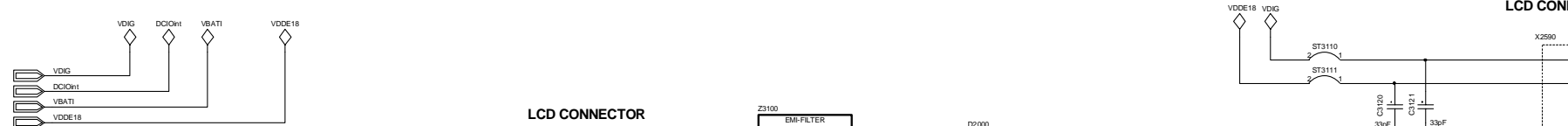
LZF 0310 102/F RB



Sony Ericsson
Distributed by SMC LMEA Customer Services

Confidential		Approved according to 00021-LXE 107 42/1		SCHEMA		DIAGRAM	
Sony Ericsson BASEBAND MM1 Keypad Ritningsregler - Drawing rules		Uppgerd laven faktisavang on annan - Prepared (also sub/col responsible if other) SEMCJ/ Aya Shirai Dokumentansvar/lockand - Document responsible/Approved SEMCJ/ Daisuke Katayama Produktbenamning - Product name THELMA Dokumentnr - Document nr 2/1911-ROA 128 1740/2		Datum - Date 2006/06/09 Rev E		Bild - Sheet 19 of 22	

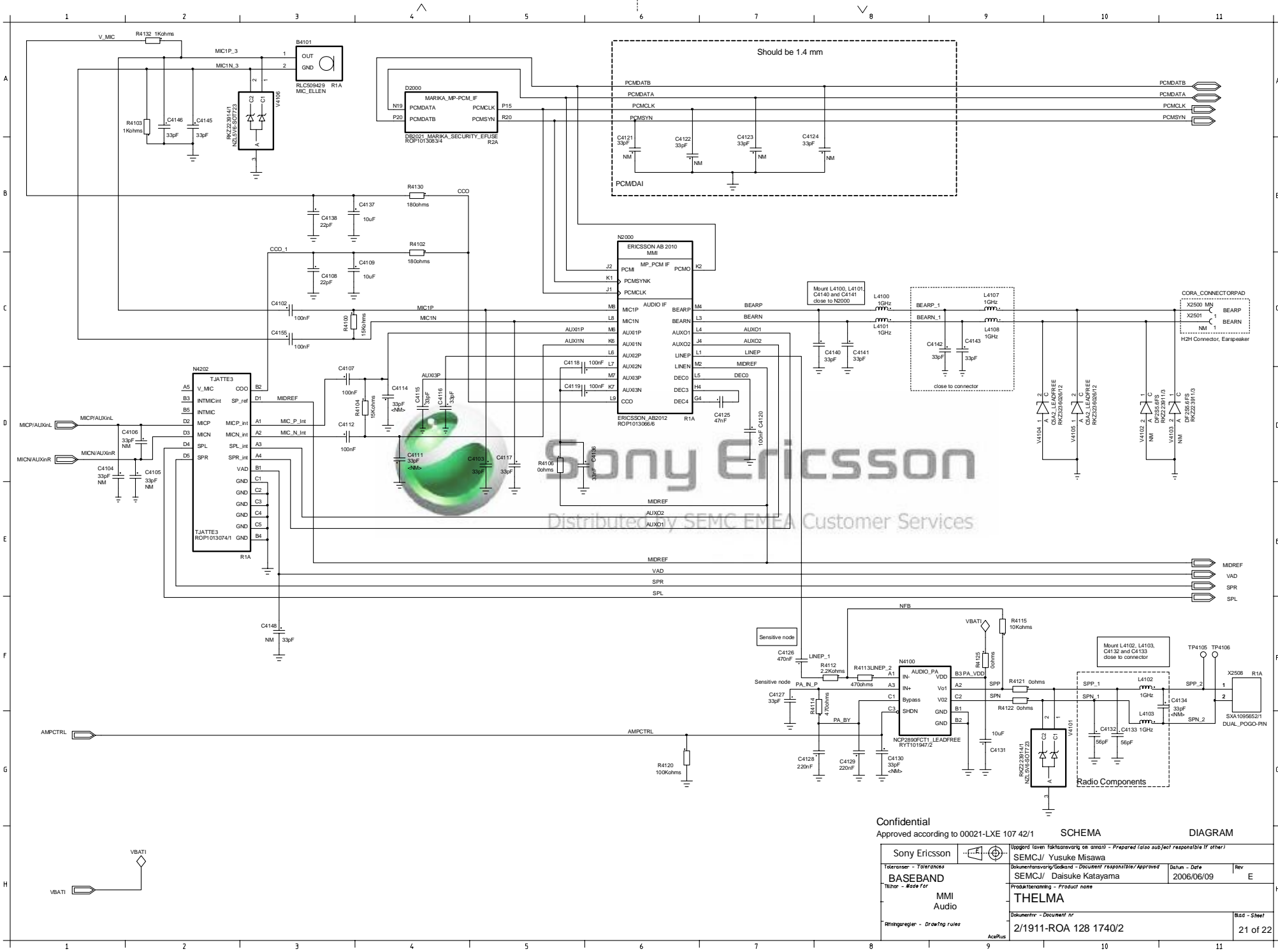
LZF 030 102/F RB

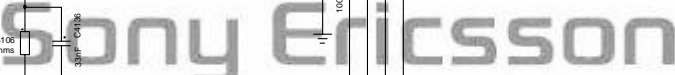


Confidential
Approved according to 00021-LXE 107 42/1

SCHEMA
DIAGRAM

Sony Ericsson	Uppger förbehållsvisning av anställt - Prepared (also subject responsible if other)		
Toleransen - Tolerances	SEMCM/J Aya Shirai	Dokumentationsgodkänd - Document Reason/Date/Approved	Bilaga - Date
Tillhör - Made for	SEMCM/J Daisuke Katayama		2006/06/09
Rättningsregion - Drawing rules	Proktatörnamn - Product name	Dokumentnr - Document nr	Rev
AcqPlus	THELMA	2/1911-ROA128 1740/2	E
			Bid - Sheet
			20 of 22

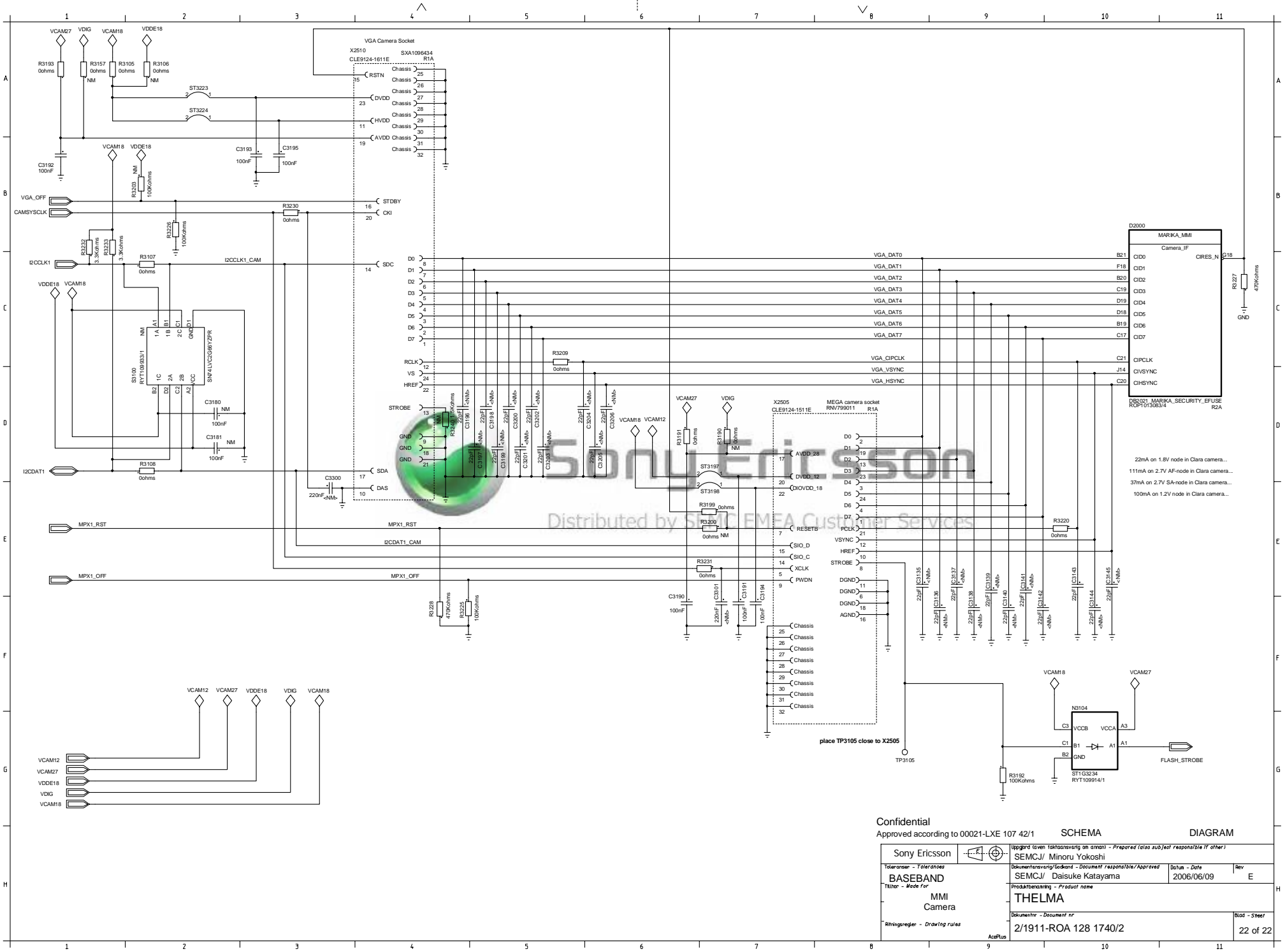


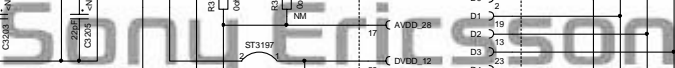

 Distributed by SEMC EMEA Customer Services

Confidential
 Approved according to 00021-LXE 107 42/1 SCHEMA DIAGRAM

Sony Ericsson 		Issgnd (aven faktasvarig on annan) - Prepared (also sub)ect responsible (f other)	
Tolerances BASEBAND Title - Model for Rtkingregler - Drawing rules	 SEMCJ/ Yusuke Misawa Dokumentansvarig/Godkend - Document responsible/Approved SEMCJ/ Daisuke Katayama Produktionsnamn - Product name THELMA Dokumentnr - Document nr 2/1911-ROA 128 1740/2	Datum - Date 2006/06/09	Rev E
		Sida - Sheet 21 of 22	

LZF 030 102/F RB




 Distributed by Sony Ericsson FMEA Customer Services

22mA on 1.8V node in Clara camera...
 111mA on 2.7V AF-node in Clara camera...
 37mA on 2.7V SA-node in Clara camera...
 100mA on 1.2V node in Clara camera...

Confidential
 Approved according to 00021-LXE 107 42/1 SCHEMA DIAGRAM

Sony Ericsson 				Approved (even if it is necessary on other) - Prepared (also subject responsible if other)			
Tolerances - Tolerances BASEBAND Tolerances - Mode for		SEMCJ/ Minoru Yokoshi SEMCJ/ Daisuke Katayama		Date - Date 2006/06/09		Rev E	
MMI Camera				Produktionsantrag - Product name THELMA			
Ritzingsregler - Drawing rules				Dokumentnr - Document nr 2/1911-ROA 128 1740/2			
AssPlus				Blad - Sheet 22 of 22			