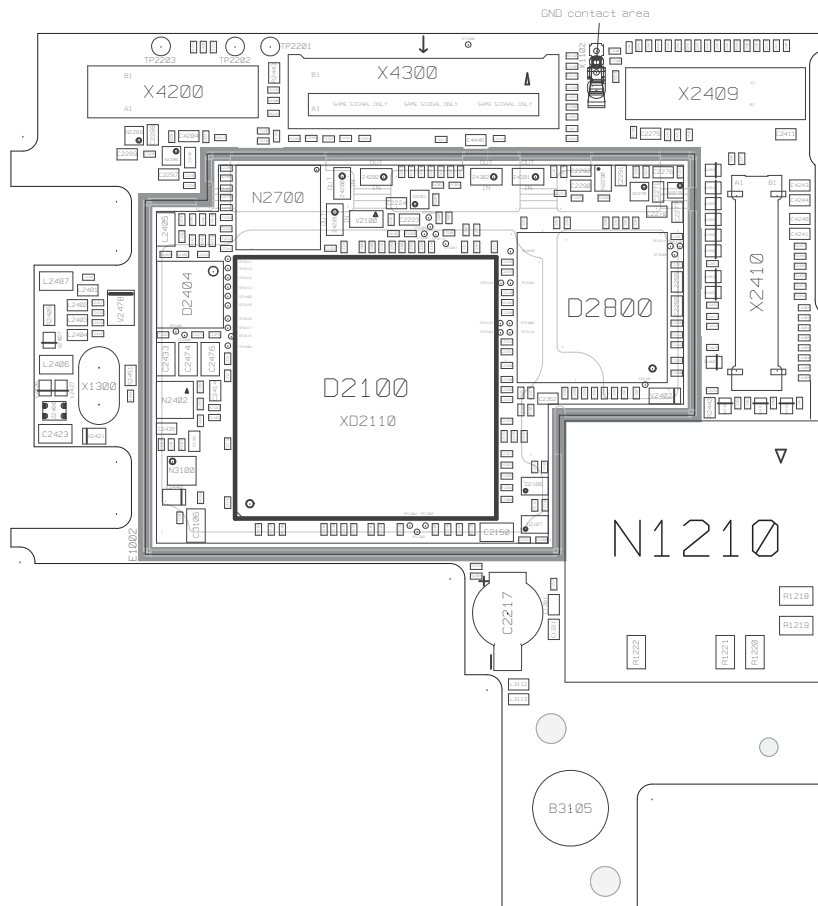



# **Schematics, Electrical**

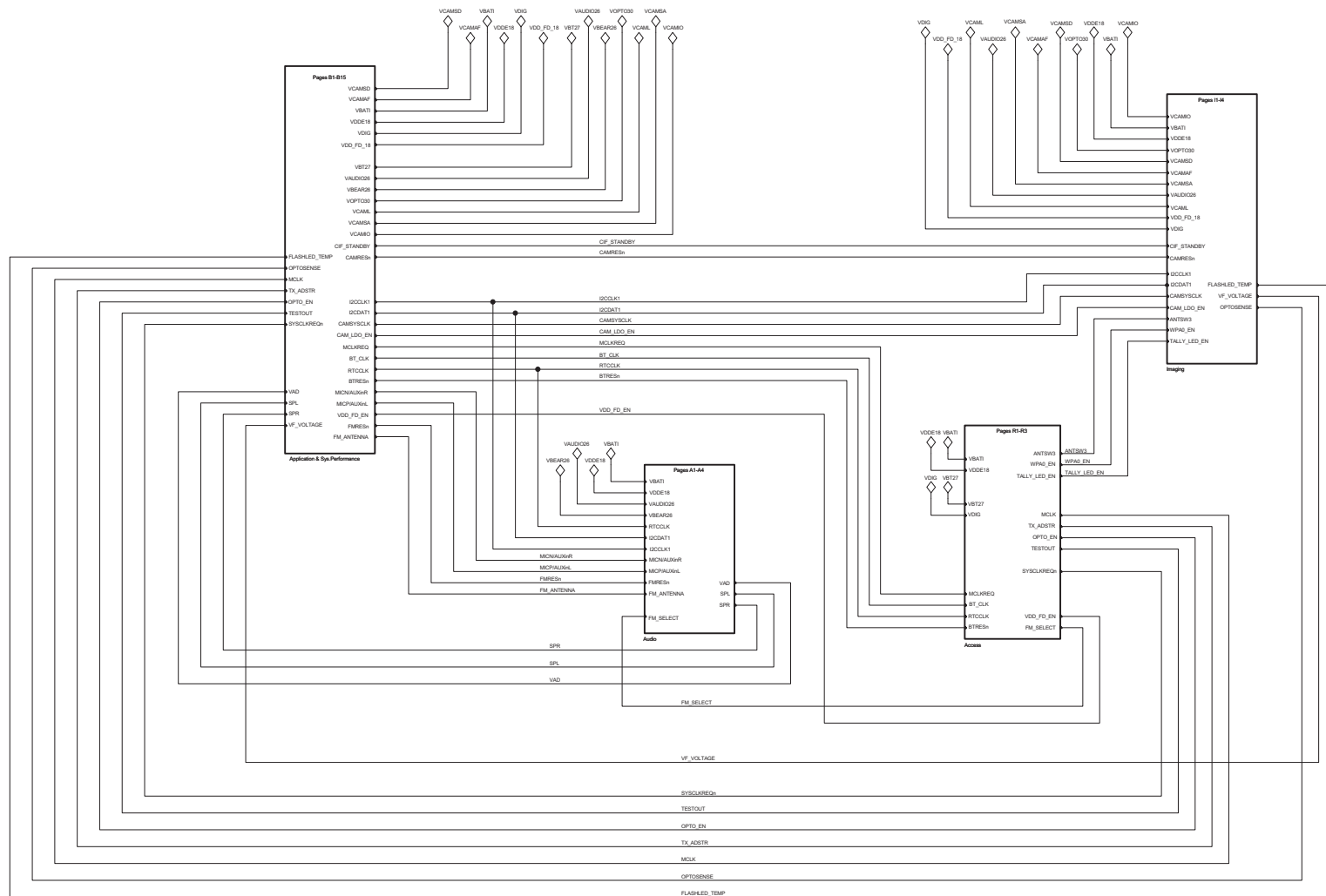
Applicable for W902





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<b>Sony Ericsson</b>			Prepared (Also Subject Responsible If Other)	
Drawing Rules ISO			Doc Responsible/Approved	Date
Tolerance			Product Name	
Reference			Document No.	Sheet
Scale	Units mm	Size A3		

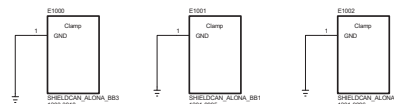


Access side GPIO mapping		
Port	Usage	Page
AssGPIO0	USB_HSDSTP	B13
AssGPIO1	USB_HSDM	B13
AssGPIO2	CFM6	B13
AssGPIO3	CFM6	B13
AssGPIO4	USB_HSNKLN	B13
AssGPIO5	USB_HSNKLN	B13
AssGPIO6	USB_HSDATM4	B13
AssGPIO7	USB_HSDATM4	B13
AssGPIO8	USB_HSDATM6	B13
AssGPIO9	USB_HSDATM6	B13
AssGPIO10	TX_FLASH_DRIVER	D4
AssGPIO11	QAP_FLAG	B13
AssGPIO12	BT_SPL_INT	R03
AssGPIO13	LD_DETVIDEO25	B15
AssGPIO14	AUDIO_PA_EN	A02
AssGPIO15	LMU_RSTn	D4
AssGPIO16	USB_HSCHP_SEL	B13
AssGPIO17	VF_VOLTAGE_EN	D4
AssGPIO18	USB_HSDATM3	B13
AssGPIO19	BT_SPL_Cbs	R03
AssGPIO20	BT_SPL_DI	R03
AssGPIO21	BT_SPL_DO	R03
AssGPIO22	BT_SPL_CLK	R03
AssGPIO23	TVOUT_RSTn	R02

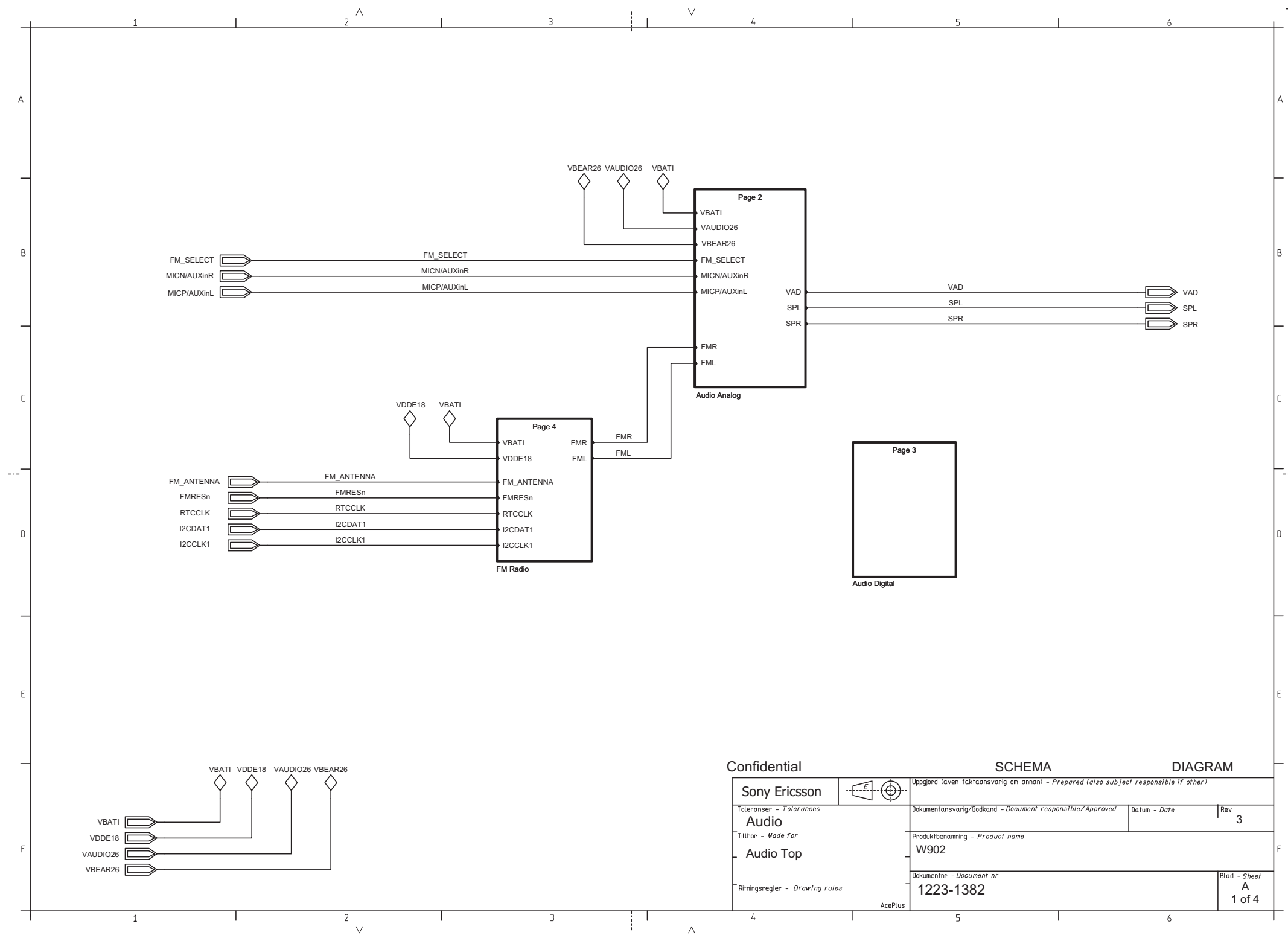
Application side GPIO mapping		
Port	Usage	Page
AppGPIO0	FM_INT	A04
AppGPIO1	APP_LOG	B15
AppGPIO2	CAMRD	R03
AppGPIO3	PMIC_INT	B14
AppGPIO4	CAM_LOO_EN	B15
AppGPIO5	TVOUT_CS	R02
AppGPIO6	CAMRESn	B15
AppGPIO7	VCAMRESn	B15
AppGPIO8	CF_STANDBY	B15
AppGPIO9	not used*	xxx
AppGPIO10	PMIC_RES	B14
AppGPIO11	MR_SWITCH	R03
AppGPIO12	MIDTECT	B12
AppGPIO13	COMPANATOR_VOUT	D4
AppGPIO14	VTV15_EN	B08


BT-chip GPIO mapping		
Port	Usage	Page
BTGPIO0	VDD_F0_EN	B08
BTGPIO1	TALLY_LED_EN	D4
BTGPIO2	not used*	xxx
BTGPIO3	not used*	xxx
BTGPIO11	FM_SELECT	A02
BTGPIO18	not used*	xxx

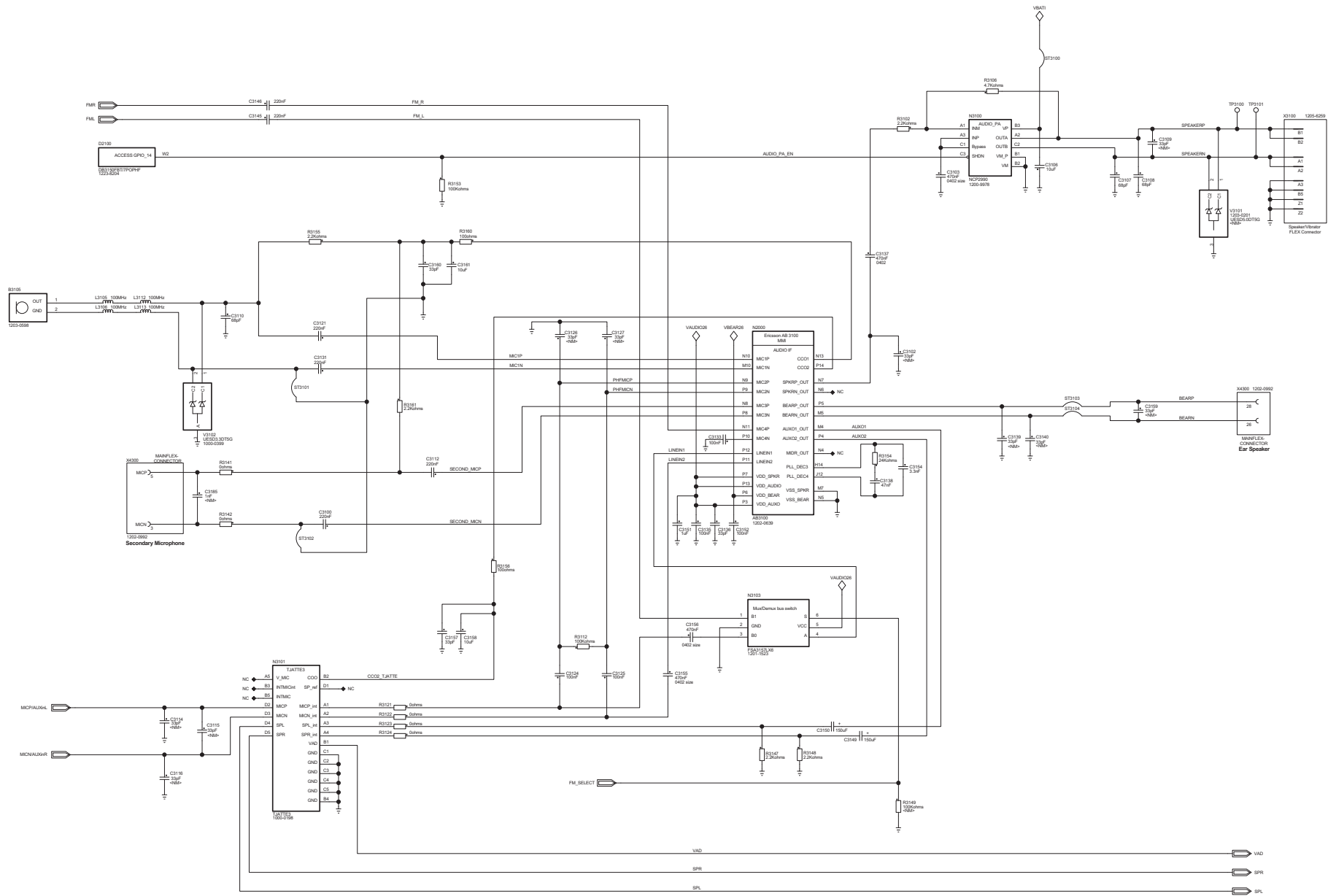
MP122 GPIO mapping		
Port	Usage	Page
PG0	CAMM_LOO_EN	B08 B03
PG1	CFM-STANDBY	R03
PG2	VCAMRESn	B08
PG3	CAMRESn	R03
PG4	LD-DETVIDEO25	B15
PG5	BTCLK_CBS	B08
PG6	BTCLK_CBS	B08
PG7	BTCLKRESn	B03
PG	not used*	xxx
PG1	not used*	xxx
PG2	not used*	xxx
PG3	not used*	xxx



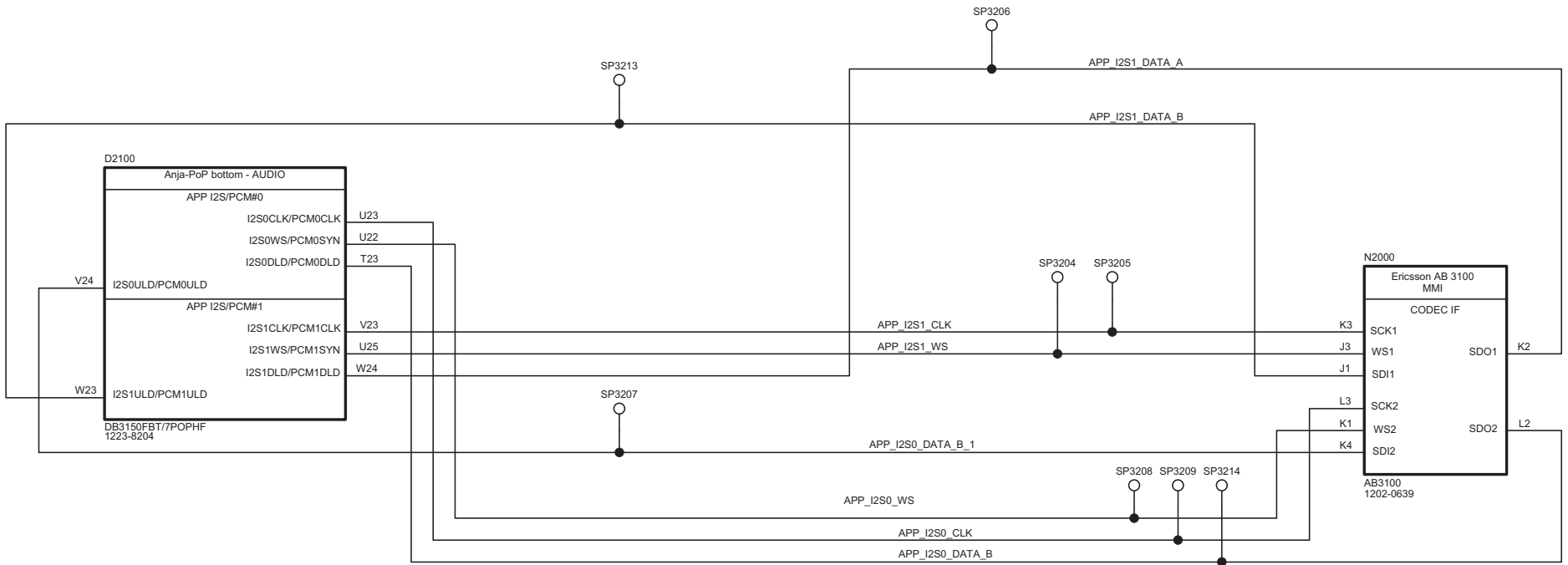
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Sony Ericsson		 Uppgjord (även faktaansvarig om annan) - Prepared (also subject responsible if other)			
Toleranser - Tolerances		Dokumentansvarig/Godkänd - Document responsible/Approved		Datum - Date	Rev 3
Audio					
Tillhör - Made for		Produktbenämning - Product name			
Audio Top		W902			
Ritningsregler - Drawing rules		Dokumentnr - Document nr			Blad - Sheet
AcePlus		1223-1382			A 1 of 4



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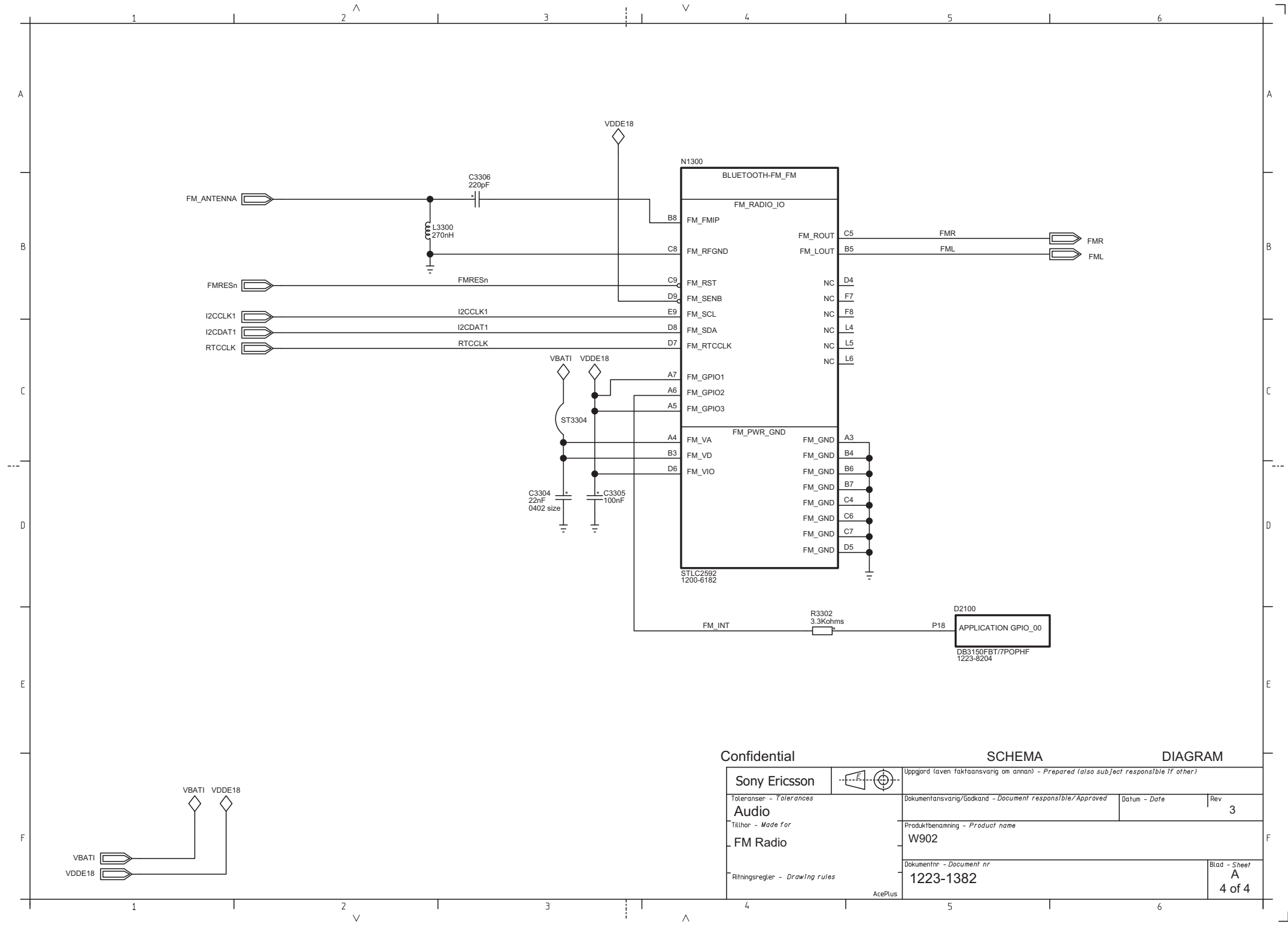
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SCHEMA

DIAGRAM

Sony Ericsson		Uppgjord (även faktaansvarig om annan) - Prepared (also subject responsible if other)	
Toleranser - Tolerances		Dokumentansvarig/Godkänd - Document responsible/Approved	
Audio		Datum - Date	
Tillhör - Made for		Rev	
Audio Digital		3	
Ritningsregler - Drawing rules		Produktbenämning - Product name	
		W902	
		Dokumentnr - Document nr	
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		Blad - Sheet	
		A	
		3 of 4	

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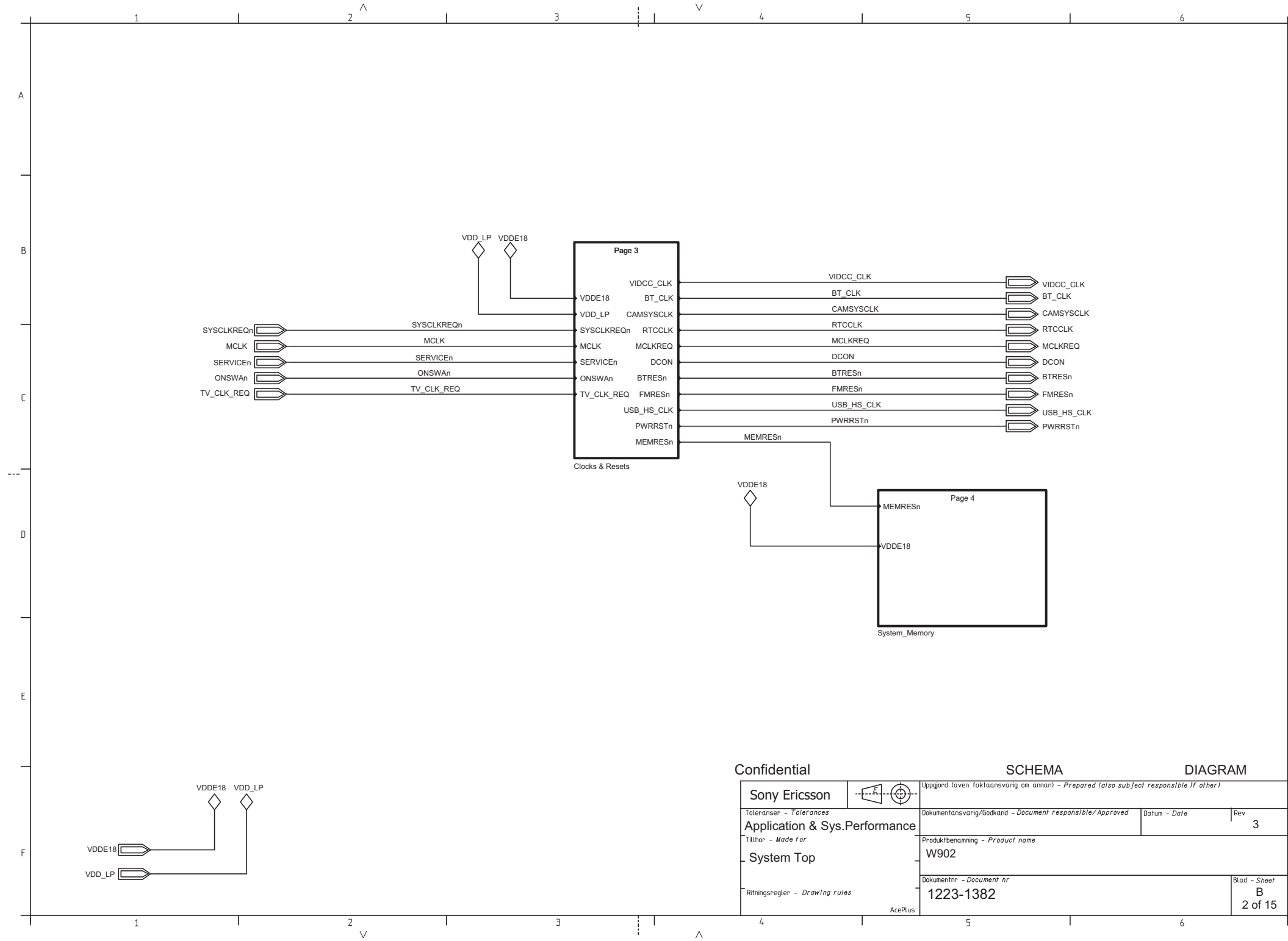
DIAGRAM

Sony Ericsson		Uppgjord (även faktaansvarig om annan) - Prepared (also subject responsible if other)	
Toleranser - Tolerances		Dokumentansvarig/Godkänd - Document responsible/Approved	Datum - Date
Tillhör - Made for		Rev 3	
FM Radio		Produktbenämning - Product name	
Ritningsregler - Drawing rules		W902	
		Dokumentnr - Document nr	Blad - Sheet
		1223-1382	A
			4 of 4



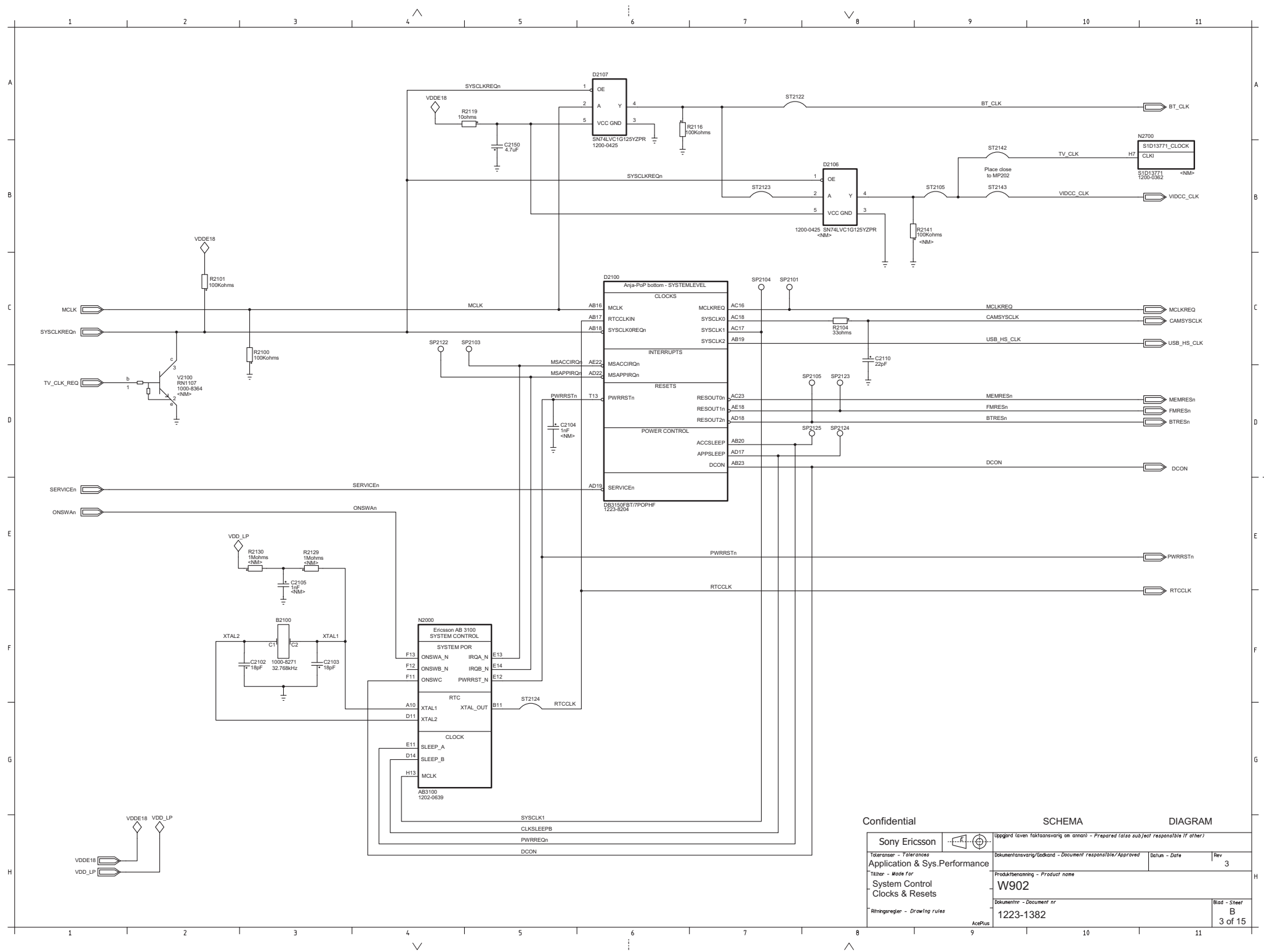


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Sony Ericsson		Uppgjord (även faktaansvarig om annan) - Prepared (also subject responsible if other)	
Toleranser - Tolerances		Dokumentansvarig/Godkänd - Document responsible/Approved	Rev 3
Tillhör - Made for		Produktbenämning - Product name	
System Top		W902	
Ritningsregler - Drawing rules		Dokumentnr - Document nr	Blad - Sheet
1223-1382		B	
		2 of 15	



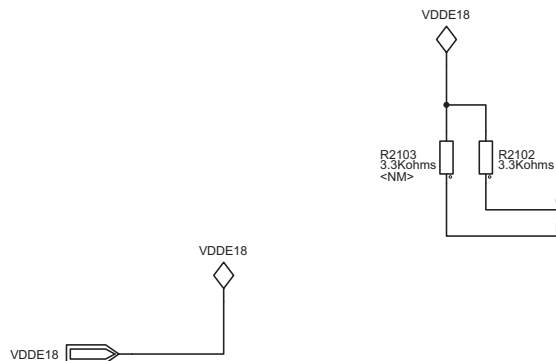
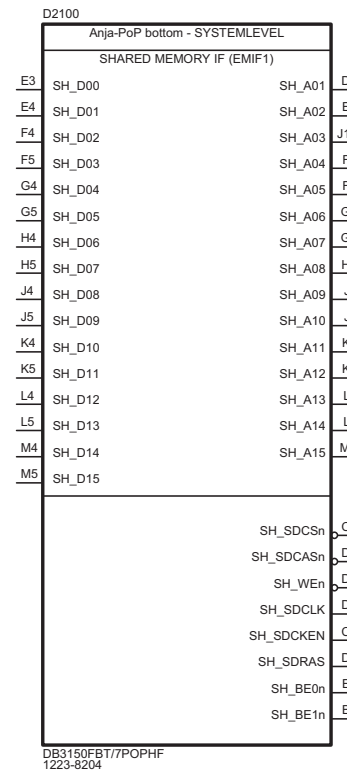
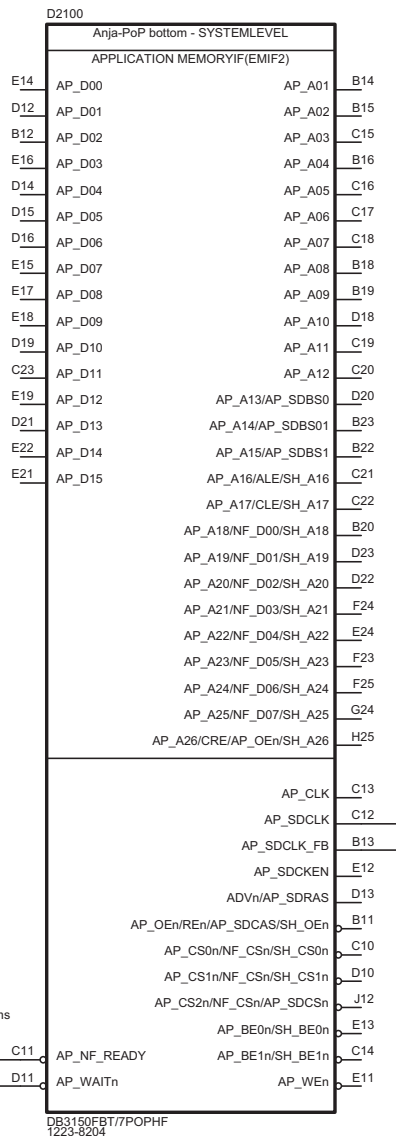
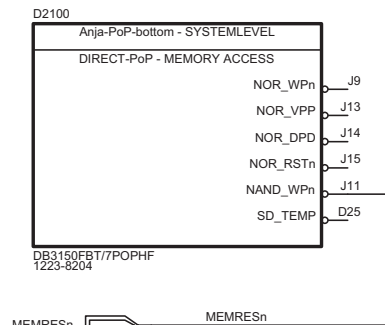
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DIAGRAM

Sony Ericsson		Uppgård (given faktansvaring an annan) - Prepared (also subject responsible if other)	
Toleranser - Tolerances		Datum - Date	
Application & Sys.Performance		Rev 3	
Titel - Made for		Produktbenämning - Product name	
System Control		W902	
Clocks & Resets		Blad - Sheet	
Ritningsregler - Drawing rules		B 3 of 15	
AcePlus		1223-1382	

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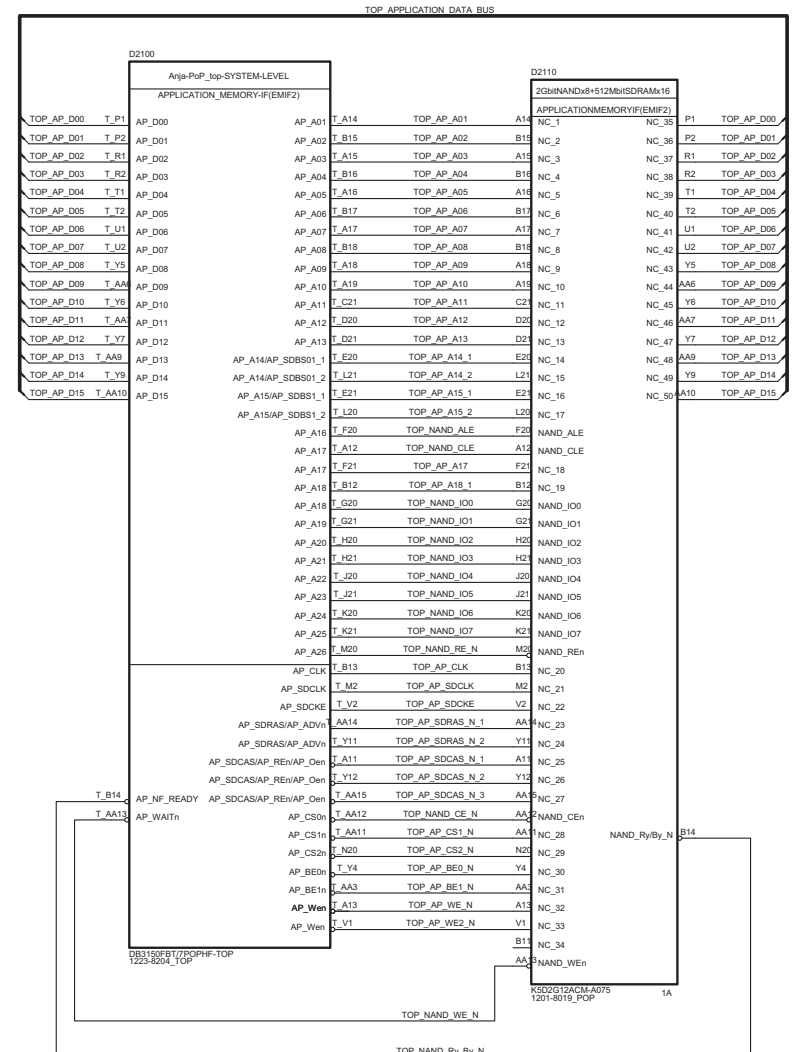
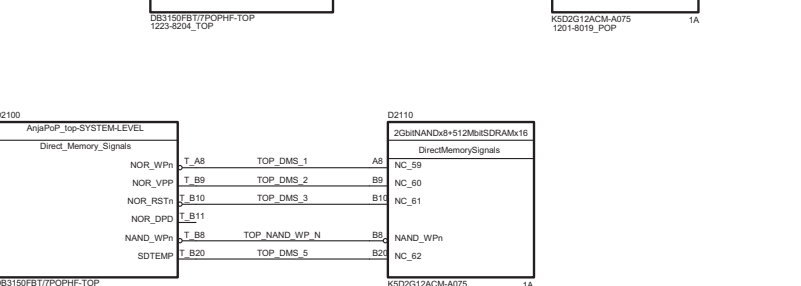
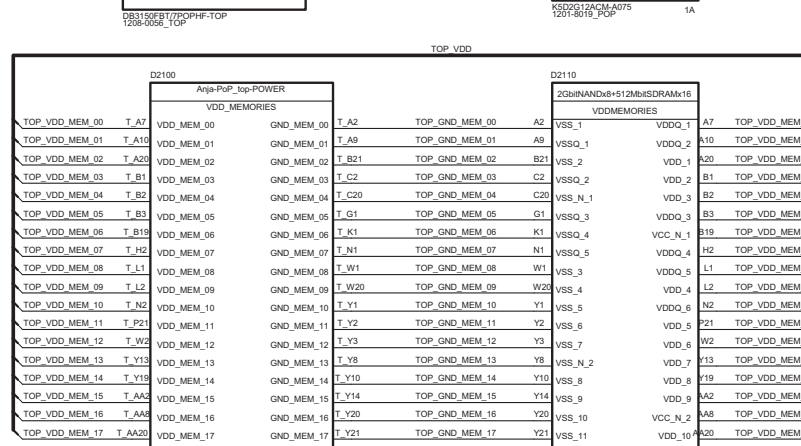
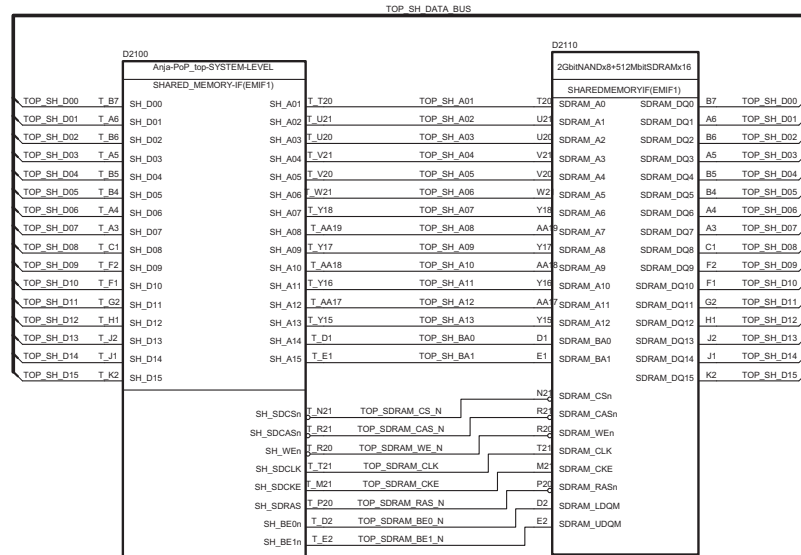
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DIAGRAM

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Toleranser - Tolerances		Dokumentansvarig/Godkänd - Document responsible/Approved	Rev 3
Application & Sys.Performance		Datum - Date	
Tillhör - Made for		Produktbenämning - Product name	
System Memories		W902	
Ritningsregler - Drawing rules		Dokumentnr - Document nr	
AcePlus		1223-1382	
		Blad - Sheet	
		B	
		4 of 15	

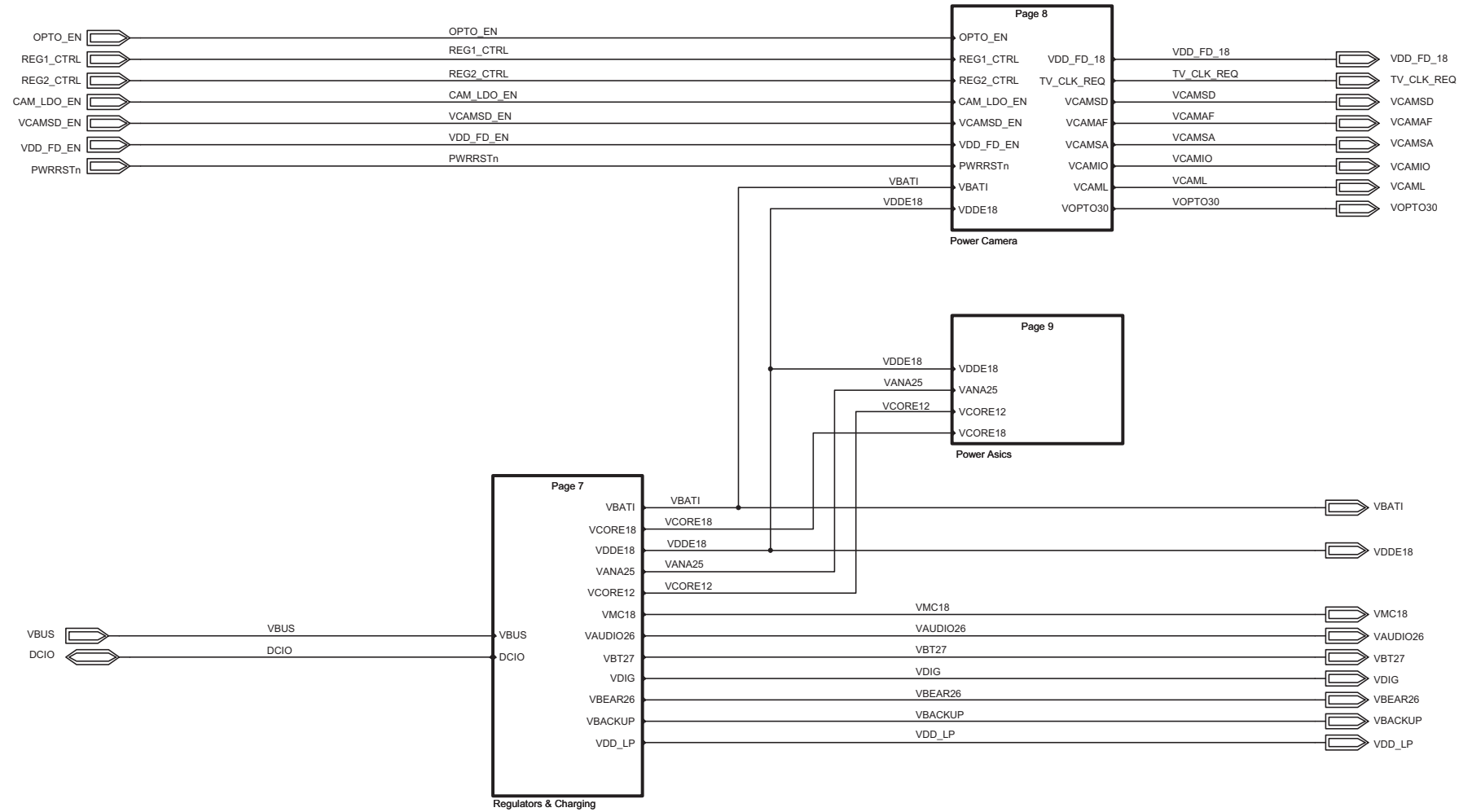
# Interface between Anja PoP top and PoP-mounted memories



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Sony Ericsson		Uppdrag (given faktasvarning om annan) - Prepared (also subject responsible if other)	
Toleranser - Tolerances		Dokumentansvarig/Godkänd - Document responsible/Approved	
Application & Sys.Performance		Datum - Date	
Titel - Made for		Rev	
System		Produktbenämning - Product name	
PoP IF		W902	
Ritningsregler - Drawing rules		Dokumentnr - Document nr	
AcerPlus		1223-1382	
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		B 5 of 15	

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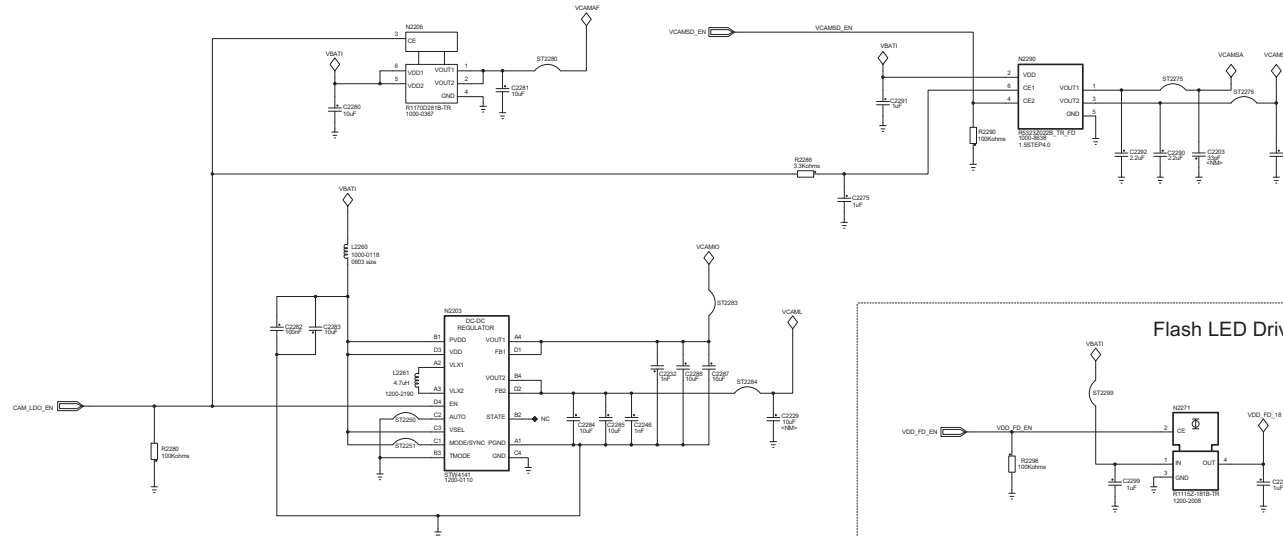
SCHEMA

DIAGRAM

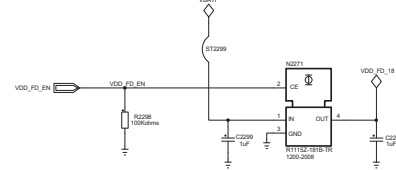
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Toleranser - Tolerances		Dokumentansvarig/Godkänd - Document responsible/Approved	
Application & Sys.Performance		Datum - Date	
Tillhör - Made for		Rev	
Power Top		3	
Ritningsregler - Drawing rules		Produktbenämning - Product name	
		W902	
		Dokumentnr - Document nr	
		1223-1382	
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		B	
		6 of 15	



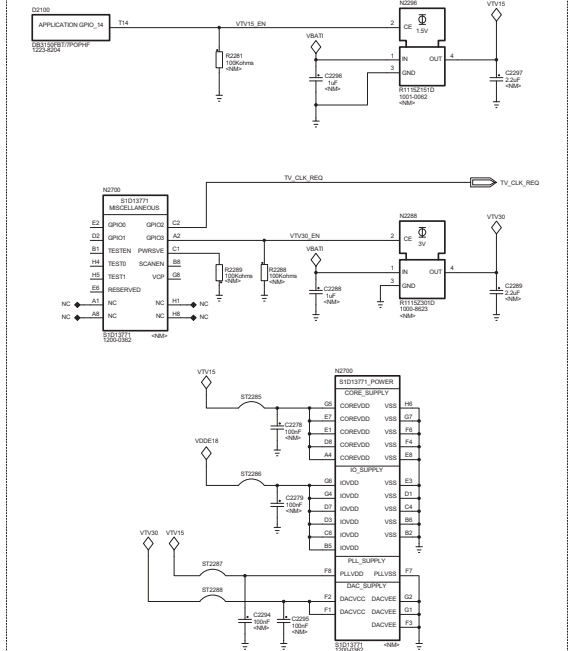
## Camera Regulators



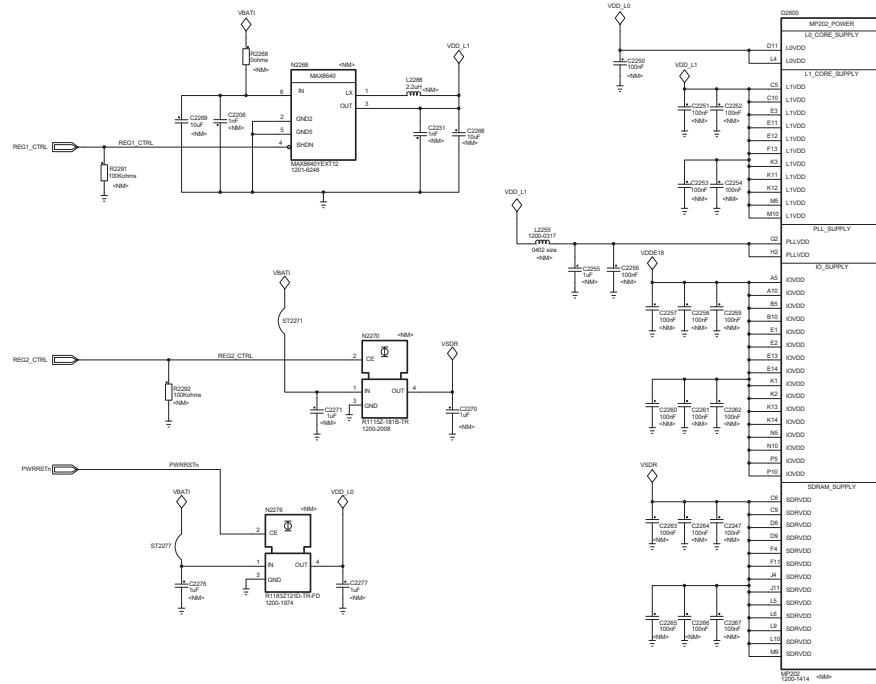
## Flash LED Driver



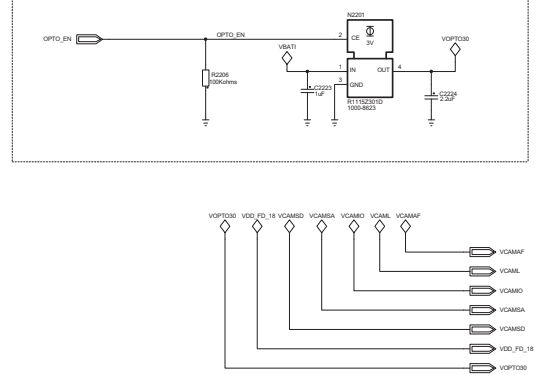
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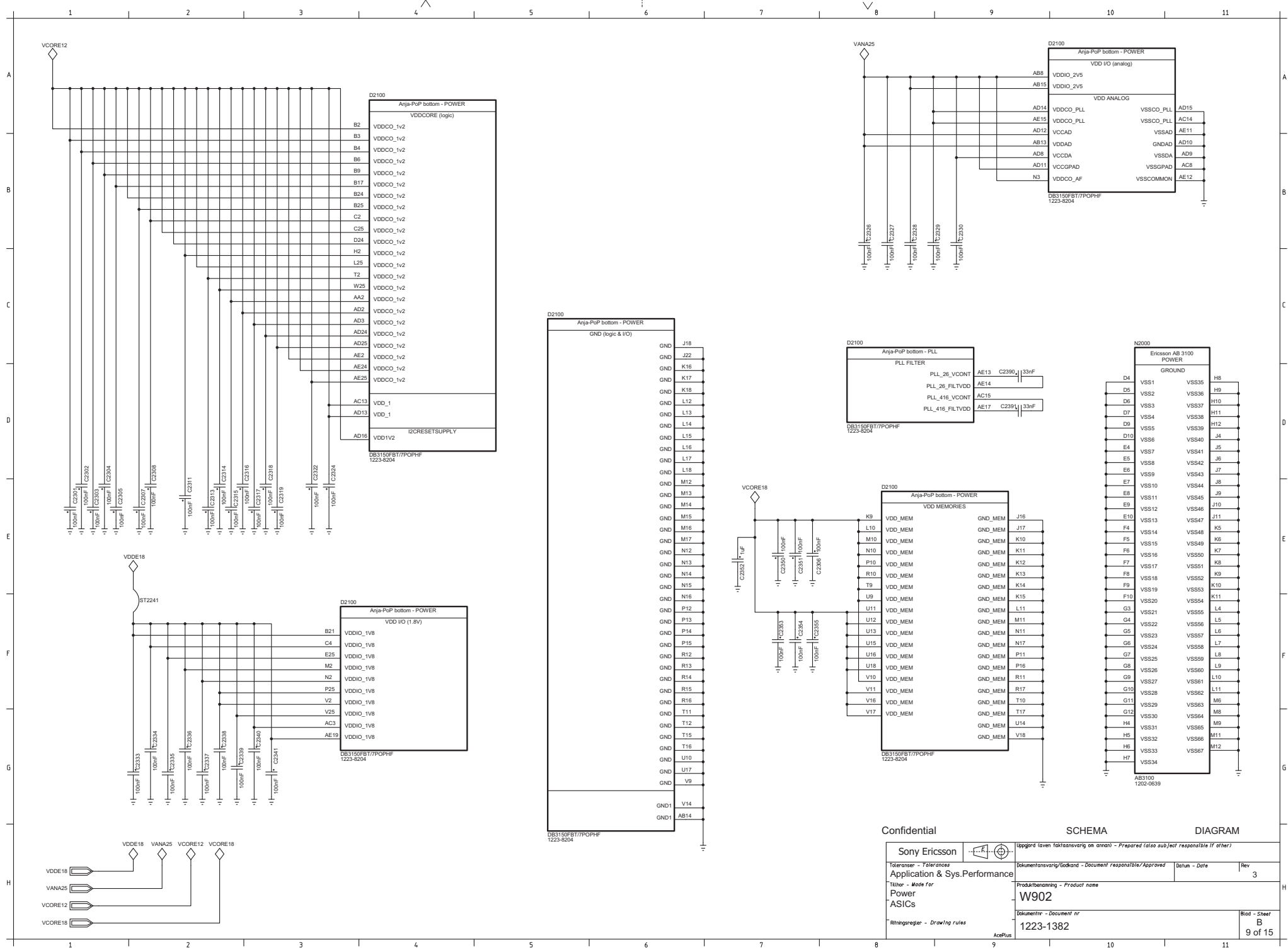
## VIDEO CC



## OPTO SENSOR







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DIAGRAM

Sony Ericsson		Uppdrag (given faktansvaring on annan) - Prepared (also subject responsible if other)	
Toleranser - Tolerances		Datum - Date	
Application & Sys.Performance		Rev 3	
Titel - Made for		Produktbenämning - Product name	
Power		W902	
ASICs		Dokumentnr - Document nr	
Ritningsregler - Drawing rules		1223-1382	
AcePlus		Blad - Sheet	
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1 2 3 4 5 6 7 8 9 10 11

A

B

C

D

E

F

G

H

A

B

C

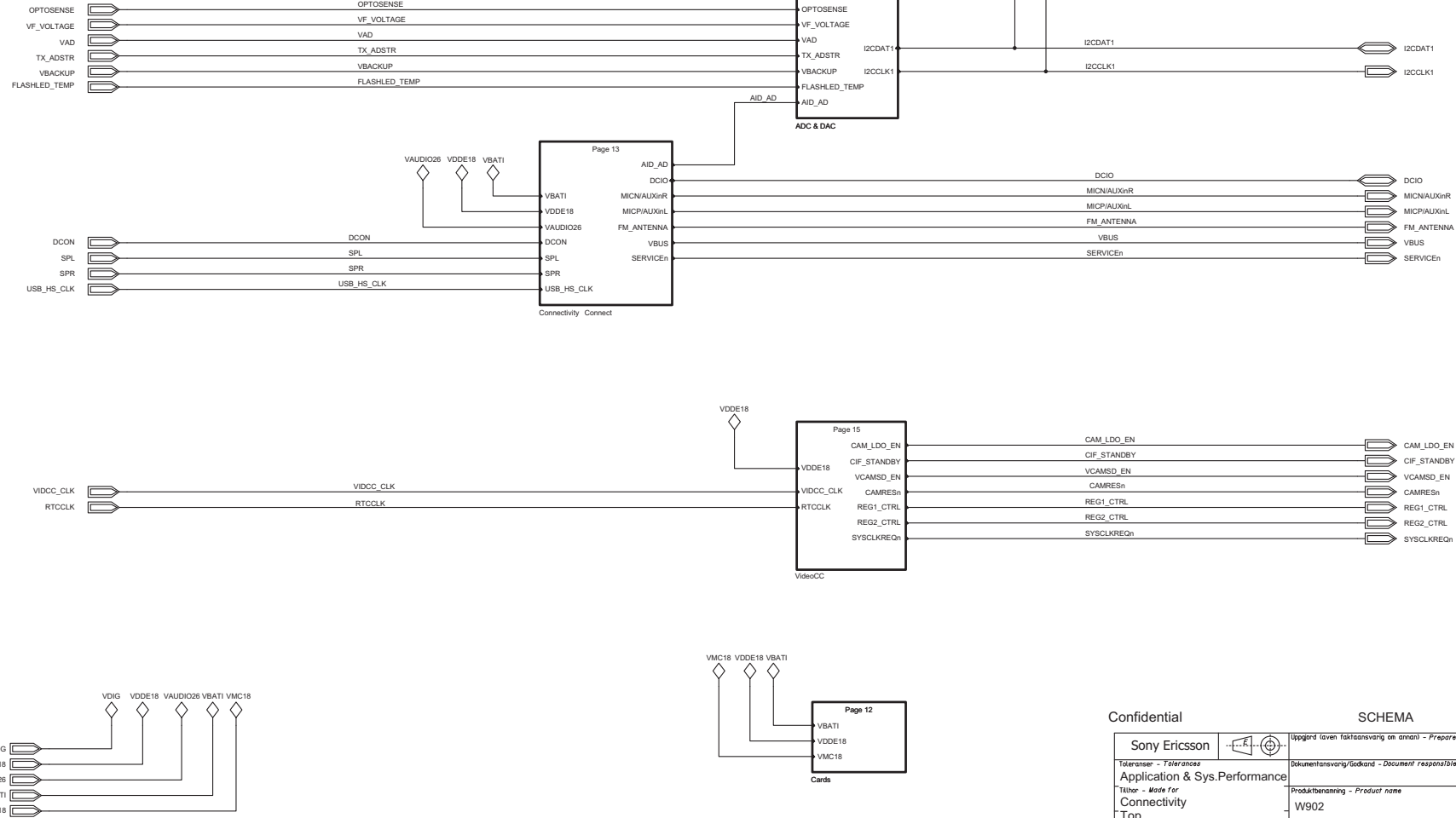
D

E

F

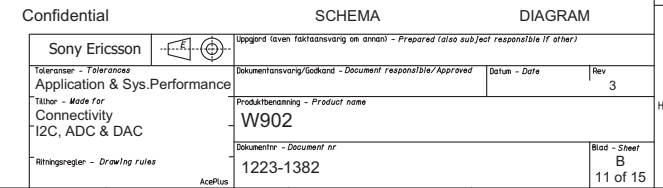
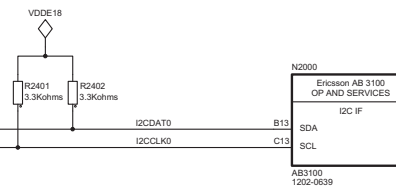
G

H

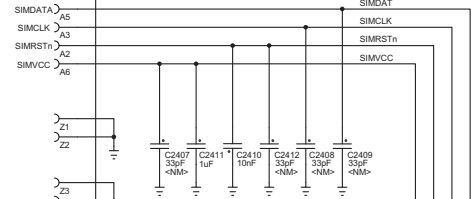
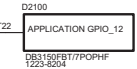
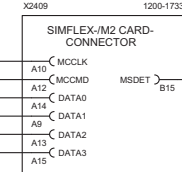
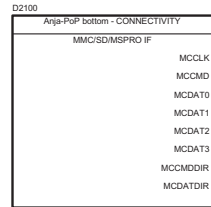


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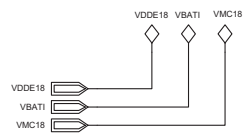
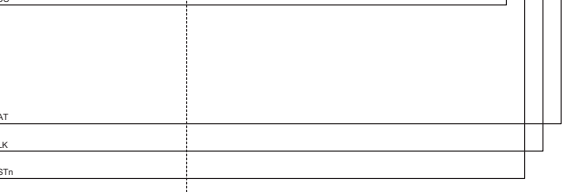
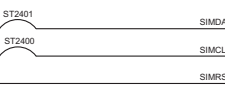
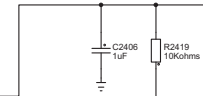
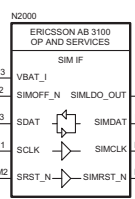
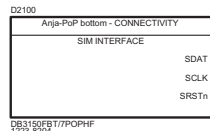
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Toleranser - Tolerances		Dokumentansvaring/Godkänd - Document responsible/Approved	
Application & Sys.Performance		Datum - Date	
Titel - Made for		Rev	
Connectivity		3	
Top		Produktbenämning - Product name	
		W902	
Ritningsregler - Drawing rules		Dokumentnr - Document nr	
		1223-1382	
		Blad - Sheet	
		B	
		10 of 15	



# M2 IF

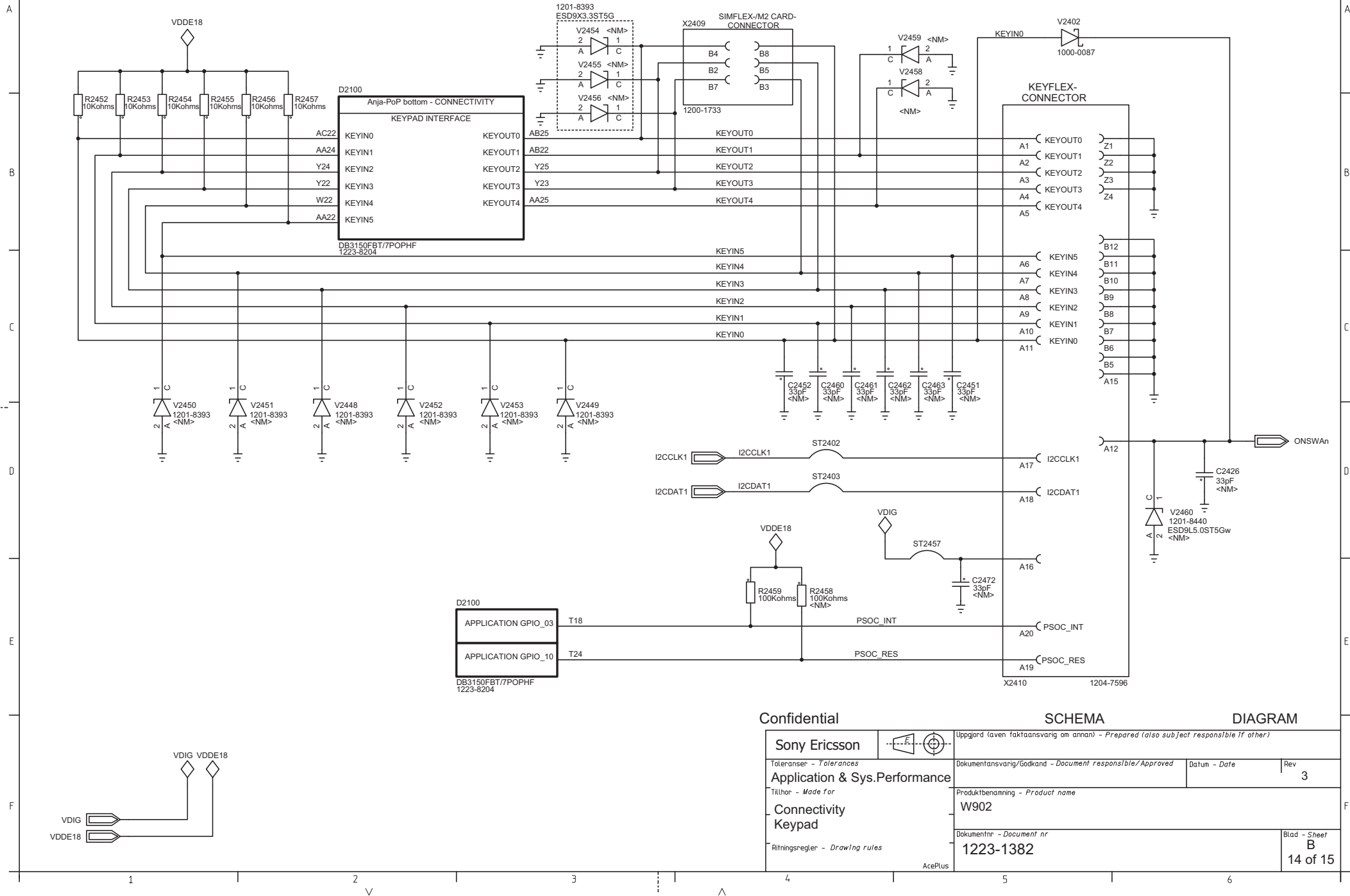


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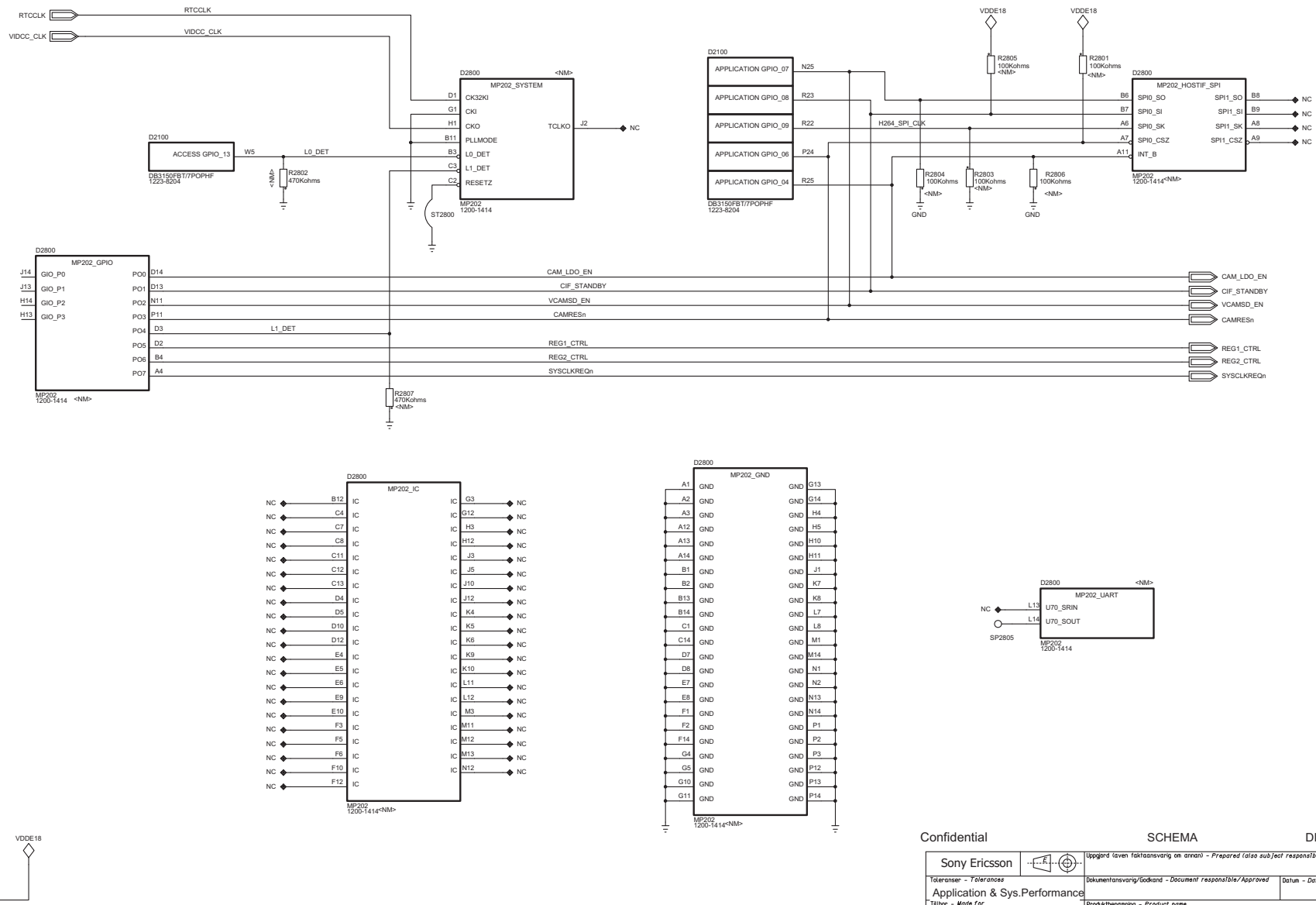


Confidential		SCHEMA	DIAGRAM
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Toleranser - Tolerances Application & Sys.Performance		Dokumentansvarig/Ansvarig - Document responsible/Approved	Datum - Date Rev 3
Färdig - Made for Connectivity Cards		Produktbenämning - Product name W902	
Ritningsregler - Drawing rules		Dokumentnr - Document nr 1223-1382	Blad - Sheet B 12 of 15





Confidential		SCHEMA		DIAGRAM	
Sony Ericsson		Uppgjord (även faktaansvarig om annan) - Prepared (also subject responsible if other)			
Toleranser - Tolerances		Dokumentansvarig/Godkänd - Document responsible/Approved		Datum - Date	Rev 3
Application & Sys.Performance					
Tillhör - Made for		Produktbenämning - Product name			
Connectivity Keypad		W902			
Ritningsregler - Drawing rules		Dokumentnr - Document nr			Blad - Sheet
		1223-1382			B
AcePlus					14 of 15



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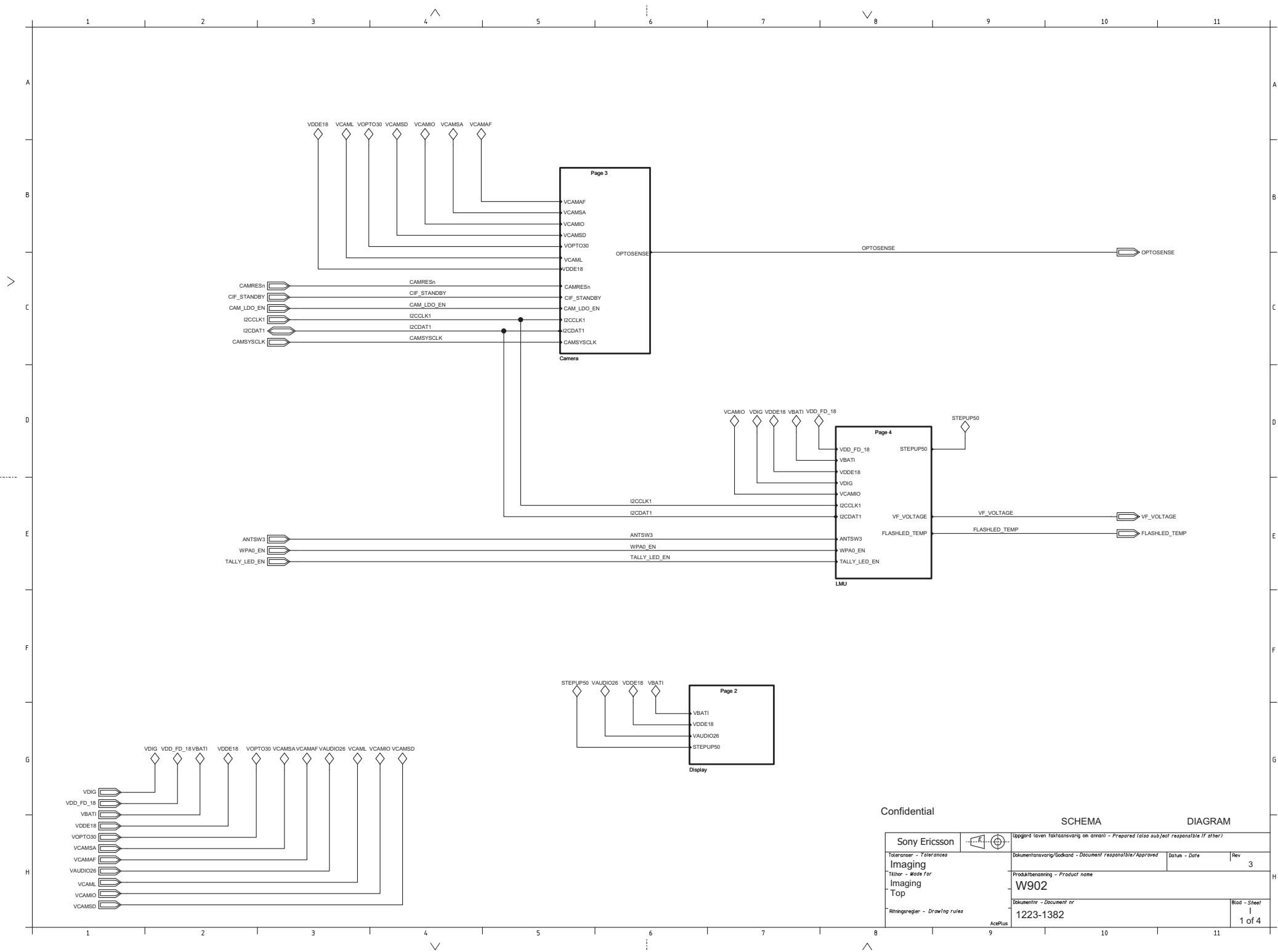
SCHEMA

DIAGRAM

Sony Ericsson		Uppgärd (given faktansvaring on annan) - Prepared (also subject responsible if other)	
Toleranser - Tolerances	Application & Sys. Performance	Dokumentansvarig/Ansvarig - Document responsible/Approved	Datum - Date
Förför - Made for	Connectivity	Produktbenämning - Product name	Rev 3
Förhållningssätt - Drawing rules	Video Companion Chip	Dokumentnr - Document nr	Blad - Sheet B
		1223-1382	15 of 15

AcePlus

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DIAGRAM

Sony Ericsson		Uppgörd (given faktiska ansvar om annat) - Prepared (also subject responsible if other)	
Toleranser - Tolerances	Imaging	Dokumentansvarig/Ansvarig - Document responsible/Approved	Datum - Date
Färför - Made for	Imaging	Produktbenämning - Product name	Rev
Top		W902	3
Ritningsregion - Drawing rules		Dokumentnr - Document nr	Blad - Sheet
		1223-1382	1 of 4

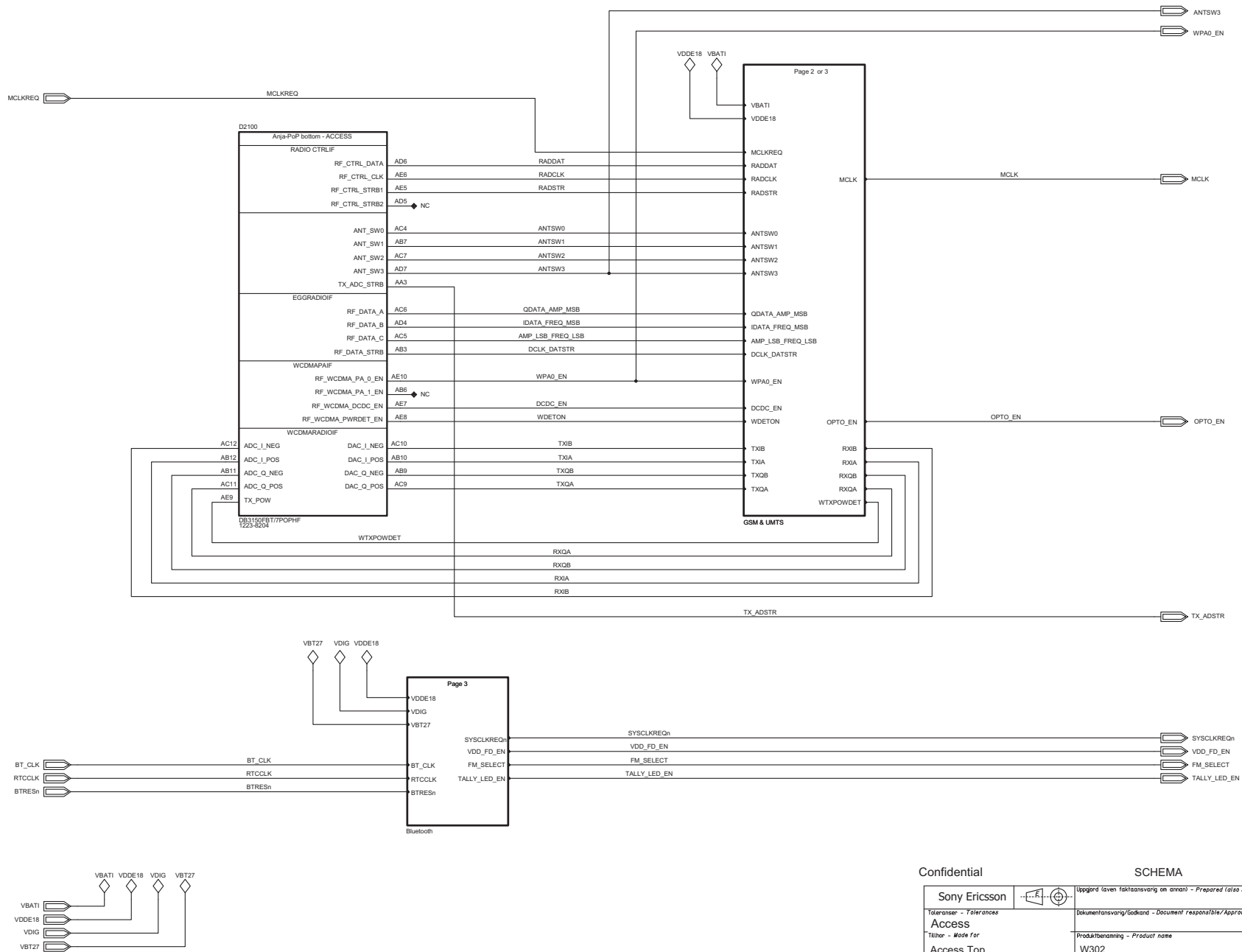
AcePlus











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DIAGRAM

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Toleranser - Tolerances	Access	Dokumentansvarig/utgående - Document responsible/Approved	Datum - Date
Tillverkare - Made for	Access Top	Produktbenämning - Product name	Rev 3
Ritningsregler - Drawing rules		Dokumentnr - Document nr	Blad - Sheet R 1 of 3



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VBATI	N2000
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## Revision History

Rev.	Date	Changes / Comments
1	2009-12-15	1 <sup>st</sup> release