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				DATE	15.03.2005	Swift Mainboard B2+ build Q2620-A5 TOP HIERARCHY LEVEL SCHEMATIC	1:1
				USER	Bartenschl.		
				APPR'D			
					HW4 MCH1		
				Siemens AG		257674	index
1	36309	09.02.2006	bar				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900212037-36309)			

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1		2		3		4		5		6		7		8		9		10		
A	1.5V_DSP /sheet13 12 A /sheet11 11 D	AKKU_TYP /sheet14 7 C /sheet10 11 B	BT_PCM_SYNC /sheet4 10 F /sheet10 14 E /sheet51 2 C	/sheet35 11 B /sheet10 5 B	/sheet22 11 B /sheet10 4 C	/sheet12 7 C /sheet10 4 F	KP_IN0 /sheet22 11 C /sheet13 7 C /sheet10 5 G	/sheet23 4 C	MONO2_OUT /sheet35 11 C /sheet13 8 E	/sheet10 6 G	RF_RAMP1 /sheet4 4 C /sheet4 2 C /sheet39 1 F /sheet10 9 B	TVCXO /sheet4 4 C /sheet4 2 C /sheet39 15 C /sheet10 11 B /sheet10 15 A	VDD_CHARGE /sheet13 3 D /sheet13 9 G	B	C	D	E	F	G	
	1.5V_UC /sheet13 11 A /sheet11 11 D /sheet11 10 B	BATT+ /sheet48 4 A /sheet4 9 B /sheet4 12 B /sheet38 8 D /sheet35 6 D /sheet15 11 E /sheet15 2 B /sheet14 7 C /sheet13 3 C /sheet13 9 A /sheet13 2 B /sheet13 3 A /sheet13 3 C /sheet13 3 B /sheet13 3 B /sheet13 3 B /sheet13 3 E /sheet13 3 B /sheet13 10 D /sheet10 15 F	BT_RESET /sheet4 10 F /sheet4 10 F /sheet13 7 D /sheet51 2 D	CAM_VSYNC /sheet35 11 B /sheet10 6 B	DISP_CS1 /sheet22 11 B /sheet10 4 C	GND_MIC /sheet19 7 E /sheet19 7 E /sheet19 6 D /sheet15 13 B /sheet11 10 F /sheet10 10 B	KP_IN1 /sheet35 11 C /sheet22 11 C /sheet10 5 G /sheet27 10 B	LIGHT_PWM2 /sheet13 7 D /sheet23 2 D	OPEN_CLOSE_SW1 /sheet22 11 B /sheet10 4 C	RD /sheet12 6 B /sheet10 7 G	REF_GND /sheet13 6 G /sheet13 3 A	RF_STR /sheet4 4 A /sheet4 2 A /sheet39 10 B /sheet10 8 B	TX /sheet15 9 E /sheet15 13 A							VDD_RF1 /sheet4 2 D /sheet4 4 D /sheet39 13 B /sheet39 9 B /sheet39 2 A /sheet13 8 C
	1.8V_MEM1 /sheet4 12 A /sheet4 9 A /sheet13 8 B /sheet12 8 E /sheet11 12 E	/sheet13 3 C /sheet13 9 A /sheet13 2 B /sheet13 3 A /sheet13 3 C /sheet13 3 B /sheet13 3 B /sheet13 3 B /sheet13 3 E /sheet13 3 B /sheet13 10 D /sheet10 15 F	BT_RTS /sheet4 10 F /sheet4 10 F /sheet10 14 D /sheet51 2 C	CHARGE_CNTRL /sheet13 9 G /sheet13 7 D	DISP_D1 /sheet22 4 C /sheet10 4 C	GSM_RX1 /sheet39 2 C /sheet38 9 B	KP_IN2 /sheet35 11 C /sheet22 11 C /sheet10 5 G /sheet27 10 B	LINEA /sheet13 3 E /sheet10 11 A	OSC32K /sheet10 2 F	RF_AFC /sheet4 2 B /sheet4 4 B /sheet39 15 C /sheet10 2 F	RF_TPA_DIG /sheet4 4 E /sheet4 2 E	TXOUTD /sheet39 1 E /sheet38 2 F	VDD_RF2 /sheet4 4 D /sheet4 2 D /sheet39 1 E /sheet39 2 B /sheet38 5 B /sheet38 6 D /sheet13 8 C							
	1.8V_MEM2 /sheet13 8 C /sheet13 8 B /sheet12 7 B /sheet12 7 C /sheet12 7 B /sheet12 9 C /sheet12 8 E /sheet12 8 E	/sheet13 3 C /sheet13 3 B /sheet13 3 B /sheet13 11 F /sheet13 3 B /sheet13 3 C /sheet13 3 B /sheet13 3 E /sheet13 3 B /sheet13 10 D /sheet10 15 F	BT_RX /sheet4 10 E /sheet4 10 E /sheet10 14 F /sheet51 2 C	CHARGE_SOURCE /sheet13 9 G /sheet13 7 D	DISP_D2 /sheet22 4 C /sheet10 4 C	GSM_RX2 /sheet39 2 C /sheet38 9 B	KP_IN3 /sheet35 3 C /sheet22 11 C /sheet10 5 G /sheet27 10 B	MIC1A /sheet19 8 C /sheet10 9 A	PARAMP /sheet39 2 D /sheet38 2 F	RF_ANT_DET /sheet4 4 D /sheet4 2 D /sheet38 7 B /sheet10 7 A	RTS /sheet15 13 A /sheet15 9 E	TXOUTG /sheet39 1 E /sheet38 2 F	VDD_RTC /sheet13 8 B /sheet13 2 C /sheet11 10 B							
	2.65V /sheet22 4 B /sheet15 11 E /sheet14 7 C /sheet13 3 D /sheet13 8 B /sheet11 4 C /sheet11 11 C /sheet11 6 B /sheet11 7 B /sheet11 7 B /sheet11 7 B /sheet11 10 C /sheet10 15 D /sheet10 2 A /page1 3 C /sheet51 5 A /sheet51 4 A /sheet51 3 A	BATT+_DCDC /sheet13 3 B /sheet13 10 C	BT_TX /sheet4 10 E /sheet4 10 E /sheet10 14 F /sheet51 2 C	CLK32 /sheet4 10 G /sheet4 10 G /sheet10 6 B /sheet51 2 D	DISP_D5 /sheet22 4 B /sheet10 4 C	HW_DET_BAND_SEL /sheet10 2 B /sheet10 3 E	KP_IN4 /sheet35 3 C /sheet22 11 C /sheet10 5 G /sheet27 10 B	MICBIAS_F /sheet19 6 D /sheet19 7 B /sheet15 13 C	PHANTOM_BUF_OUT /sheet15 13 B /sheet13 7 E	RF_CLK /sheet4 2 A /sheet4 4 A /sheet39 11 D /sheet10 8 B	SDCLKI /sheet12 9 C /sheet10 6 G	USB_D+ /sheet15 13 D /sheet10 14 C	VDD_SIM /sheet16 10 C /sheet13 8 B							
	BB_SIN26M /sheet11 6 B /sheet11 7 B /sheet11 7 B /sheet11 7 B /sheet11 10 C /sheet10 15 D /sheet10 2 A /page1 3 C /sheet51 5 A /sheet51 4 A /sheet51 3 A	BC0 /sheet12 7 D /sheet10 7 G	BT_TX_DEBUG /sheet4 4 C /sheet4 2 C /sheet39 11 C /sheet10 2 F	CS0_FLASH /sheet12 7 B /sheet10 7 G	DISP_D6 /sheet22 4 B /sheet10 4 C	HW_DET_MOB_TYPE1 /sheet10 2 A /sheet10 3 E	KP_ON_OFF /sheet22 4 C /sheet13 2 C	MICEB /sheet15 13 B /sheet10 9 A	PM_CHARGE_UC /sheet13 3 D /sheet10 7 B	RF_DAT /sheet4 2 A /sheet4 4 A /sheet39 11 C /sheet10 8 B	SENSE_IN1 /sheet13 11 F /sheet13 3 D	VAUDREGA /sheet13 8 C /sheet13 3 E /sheet13 3 C	VDD_VIBRA /sheet22 11 C /sheet13 8 B							
	2.9V /sheet4 12 A /sheet4 9 A /sheet22 11 C /sheet13 11 D /sheet13 8 B /sheet13 12 D /sheet11 10 B /sheet11 10 B	BFCLKI /sheet12 7 B /sheet10 7 G	BT_VCXOEN /sheet4 10 F /sheet4 10 F /sheet13 3 D /sheet51 2 D	CS1_SDRAM /sheet12 7 C /sheet10 8 G	DISP_D7 /sheet22 4 B /sheet10 4 C	HW_DET_MOB_TYPE2 /sheet10 3 E /sheet10 2 A	KP_OUT0 /sheet11 4 D /sheet10 5 G /sheet27 5 B	MMCI_CD /sheet48 3 C /sheet10 14 F	PM_POWER_ON /sheet13 7 C /sheet13 3 C	RF_FE_CTR_DCS /sheet4 4 B /sheet4 2 B /sheet38 14 B /sheet10 7 B	SERIAL_EN /sheet15 11 E /sheet10 8 B	VBAT /sheet10 11 B /sheet10 15 F	VREFEXS_GND /sheet13 2 E /sheet13 4 F							
	A(0:24) /sheet12 4 D /sheet12 8 C /sheet10 12 G	BREF /sheet10 15 B /sheet10 12 B	CAM_CLKOUT /sheet35 11 B /sheet10 6 B	CS2_FLASH /sheet12 7 B /sheet10 8 G	DISP_RESET1 /sheet22 11 B /sheet10 4 D	HW_DET_MOB_TYPE3 /sheet10 2 A /sheet10 3 E	KP_OUT1 /sheet10 5 G /sheet27 5 B	MMCI_CLK /sheet48 3 C /sheet10 13 B	PM_RESET_N /sheet13 7 C /sheet10 3 F	RF_FE_CTR_GSM /sheet4 2 C /sheet4 4 C /sheet38 14 B /sheet10 7 B	SIM_CLK /sheet16 10 C /sheet10 14 C	VBOOST /sheet4 12 B /sheet4 9 B /sheet35 3 B /sheet35 3 B /sheet22 4 B /sheet13 12 C /sheet27 5 B	WAIT /sheet12 7 B /sheet10 6 G							
	AC_CTS /sheet15 13 E /sheet10 14 C	BT_CTS /sheet4 10 F /sheet4 10 F /sheet10 14 D /sheet51 2 C	CAM_DAT0 /sheet35 3 B /sheet10 4 B	CTS /sheet15 9 E /sheet15 13 A	DISP_RD /sheet22 11 B /sheet10 4 C	I2C_2_CLK /sheet35 11 B /sheet10 8 B	KP_OUT2 /sheet10 6 G /sheet27 5 B	MMCI_CMD /sheet48 3 C /sheet10 12 B	PM_RF2_EN /sheet13 3 C /sheet10 7 B	RF_I /sheet4 4 B /sheet4 2 B /sheet39 8 E /sheet10 9 B	SIM_RST /sheet16 10 C /sheet10 14 C	VBUCK_FB /sheet13 10 A /sheet13 3 C	WR /sheet12 6 B /sheet12 7 C /sheet10 7 G							
	AC_DCD /sheet15 13 E /sheet10 6 B	BT_PCM_CLK /sheet4 10 F /sheet4 10 F /sheet10 14 E /sheet51 2 C	CAM_DAT1 /sheet35 3 B /sheet10 5 B	D(0:15) /sheet12 4 D /sheet10 10 G	DMIXIN /sheet39 2 D /sheet38 13 D	I2C_2_DAT /sheet35 11 B /sheet10 8 B	LED /sheet22 11 C /sheet24 3 C	MMC_VCC /sheet48 6 A /sheet48 8 A /sheet48 3 B	PM_RTC_INT /sheet13 3 C /sheet10 4 F	RF_IX /sheet4 4 B /sheet4 2 B /sheet39 8 E /sheet10 9 B	STEPDOWN_GND /sheet13 11 A /sheet13 6 F /sheet13 8 H /sheet13 3 B /sheet13 11 A	VBUCK_LX /sheet13 10 A /sheet13 6 B	VCXOEN_UC /sheet13 3 C /sheet10 4 F							
AC_RTS /sheet15 13 E /sheet10 14 C	BT_PCM_IN /sheet4 10 F /sheet4 10 F /sheet10 14 E /sheet51 2 C	CAM_DAT2 /sheet35 3 B /sheet10 5 B	DB_TCK /sheet10 3 D /page1 4 C	DVDD_CAMERA /sheet35 11 B /sheet35 9 D	I2C_CLK /sheet13 3 F /sheet10 15 E	LED_FL_EN /sheet10 6 B /sheet49 4 C	MMC_VCC_EN /sheet48 3 A /sheet10 6 G	PM_SIN26M /sheet4 2 E /sheet4 4 E /sheet39 6 A /sheet13 3 E	RF_Q /sheet4 4 B /sheet4 2 B /sheet39 8 E /sheet10 9 B	STEPUP_GND /sheet13 11 D /sheet13 9 H	VDD_AFC /sheet13 8 C /sheet11 7 B	VDD_BT /sheet13 8 C /sheet51 5 B /sheet51 2 A /sheet51 4 B /sheet51 2 A								
AC_RX /sheet15 13 E /sheet10 14 C	BT_PCM_OUT /sheet4 10 F /sheet4 10 F /sheet10 14 E /sheet51 2 C	CAM_DAT3 /sheet35 3 B /sheet10 5 B	DB_TMS /sheet10 3 D /page1 4 C	EPP1 /sheet22 11 C /sheet10 10 A	I2S2_RXCLO /sheet13 3 F /sheet10 14 E	LED_FL_TRIG /sheet10 14 E /sheet49 4 D	MONO1_LP_OUT /sheet13 3 E /sheet13 7 E	PM_WADOG /sheet13 3 D /sheet10 6 B	RF_QX /sheet4 2 B /sheet4 4 B /sheet39 8 E /sheet10 9 B	STEREO1_OUT /sheet15 13 B /sheet13 7 E	STEREO2_OUT /sheet15 13 B /sheet13 7 E									
ADV /sheet12 6 B /sheet10 6 G		CAM_DAT4 /sheet35 3 B /sheet10 5 B	DCS_RX2 /sheet39 2 C /sheet38 9 B	EXTBOOST_EN /sheet13 7 D /sheet13 11 E	I2S2_RXDAO /sheet13 3 F /sheet10 14 F	LIGHT_DISP /sheet22 4 B /sheet23 7 B	MONO2_LP_OUT /sheet13 3 E /sheet13 7 E	RAS /sheet12 7 C												
		CAM_DAT5 /sheet35 3 B /sheet10 5 B	DCD /sheet15 9 E /sheet15 13 B	F32K /sheet10 2 F	I2S2_TXCLO /sheet13 8 F /sheet10 14 E	LIGHT_KP /sheet23 4 E /sheet27 10 B														
		CAM_DAT6 /sheet35 3 B /sheet10 5 B	DCS_RX1 /sheet39 2 C /sheet38 9 B	FLASH_LED_K /sheet35 3 C /sheet35 3 C /sheet49 9 B	I2S2_TXDAO /sheet13 8 F /sheet10 14 E	LIGHT_KT /sheet22 4 C /sheet23 7 D														
		CAM_DAT7 /sheet35 3 B /sheet10 5 B	DISP_CD /sheet13 7 C	FLASH_RESET /sheet13 7 C	I2S2_TXWAO /sheet13 8 F /sheet10 14 F	LIGHT_PWM1 /sheet13 7 D /sheet23 4 B														
		CAM_PCLK /sheet10 14 E /sheet51 2 C																		
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VERS.		CHANGE NUMBER		DATE		NAME														
1		36309		09.02.2006		bar														
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				DATE	15.03.2005	Swift Mainboard B2+ build Q2620-A5 TOP HIERARCHY LEVEL SCHEMATIC	1:1
				USER	Bartenschl.		
				APPR'D			
				HW4 MCH1		257674	netlist1
				BENQ mobile			
1	36309	09.02.2006	bar				
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				USER	Bartenschl.		
				APPR'D			
				HW4 MCH1		257674	poslist1
				BENQ mobile			
1	36309	09.02.2006	bar				
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PAGE	BLOCK	STATUS
1	TOP HIERARCHICAL OVERVIEW	EMPTY
2	TABLE OF CONTENTS PLATFORM	
3	TABLE OF CONTENTS PROJECT	EMPTY
4	DEFINITION OF HIT POINTS	
5-8	DEFINITION OF HIT POINTS	EMPTY
9	DEBUG CONNECTOR	EMPTY
10	SGOLD2	
11	SGOLD2 SUPPLY DOMAIN	
12	SDRAM FLASH	
13	MOZART / TWIGO	
14	BATTERY CONNECTOR	
15	IO-CONNECTOR	
16	SIM-CONNECTOR	
17	SPEAKER SOLUTION 1	EMPTY
19	MICROPHONE CIRCUIT 1	
21	VIBRA	EMPTY
22	DISPLAY CONNECTOR	
23	DISPLAY/ KEYPAD BACKLIGHT CONTROL	
24	NIGHT DESIGN	EMPTY
26	IRDA	EMPTY
27	MMI CONNECTOR	
28	KEYPAD BACKLIGHT	EMPTY
32	OPEN/CLOSE DETECTION	EMPTY
35	CAMERA INTERFACE	
38	ANTENNA CIRCUIT with small PA	
39	RF HITACHI BRIGHT	
44	AMBIENT LIGHT SENSOR	EMPTY
45	BAROMETER	EMPTY
48	MMC-READER	
49	LED FLASHLIGHT with out LED	
51	BLUETOOTH SOLUTION 2	
54	AUDIO-VIDEO INTERFACE	EMPTY

PAGE	BLOCK	STATUS
94	Keypad as components	EMPTY
98	NAND FLASH	EMPTY
99	DEBUG	EMPTY

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				USER	Bartenschl.		
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					HW4 MCH1		
					BENQ mobile	257674	sheet2
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HIT_POINTS LOGIK/HF_PART_1

HIT_POINTS LOGIK/HF

400-449

RF_STR <<====>> RF_STR
RF_CLK <<====>> RF_CLK
RF_DAT <<====>> RF_DAT

TRANCEIVER ENABLE SIGNAL
TRANCEIVER CLOCK SIGNAL
TRANCEIVER DATA SIGNAL

RF_I <<====>> RF_I
RF_IX <<====>> RF_IX
RF_Q <<====>> RF_Q
RF_QX <<====>> RF_QX

Bidirectional analoue RX/TX modulartet signal
Baseband signals

RF_AFC <<====>> RF_AFC

Reference frequency correction

RF_FE_CTR_DCS <<====>> RF_FE_CTR_DCS
RF_FE_CTR_GSM <<====>> RF_FE_CTR_GSM

DCSTX enable Asic for Hitachisolution
GSMTX enable Asic for Hitachisolution

RF_RAMP1 <<====>> RF_RAMP1

analogue power amplifier ramping signal

BB_SIN26M <<====>> BB_SIN26M

26 MHz reference frequency

TVCXO <<====>> TVCXO

Temperature sensor X-tal

RF_ANT_DET <<====>> RF_ANT_DET

DETECTION internal/external Antenna

VDD_RF1 <<====>> VDD_RF1

programmed voltage 1

VDD_RF2 <<====>> VDD_RF2

programmed voltage 2

RF_BAND_SW <<====>> RF_BAND_SW

switched LOW- / HIGH-band

PM_SIN26M <<====>> PM_SIN26M

RF_TPA_DIG <<====>> RF_TPA_DIG

Digital temperature sensor PA

1.8V_MEM1 <====> 1.8V_MEM1
2.9V <====> 2.9V

VBOOST <====> VBOOST

BATT+ <====> BATT+

HIT_POINTS HF_PART_1/BLUETOOTH

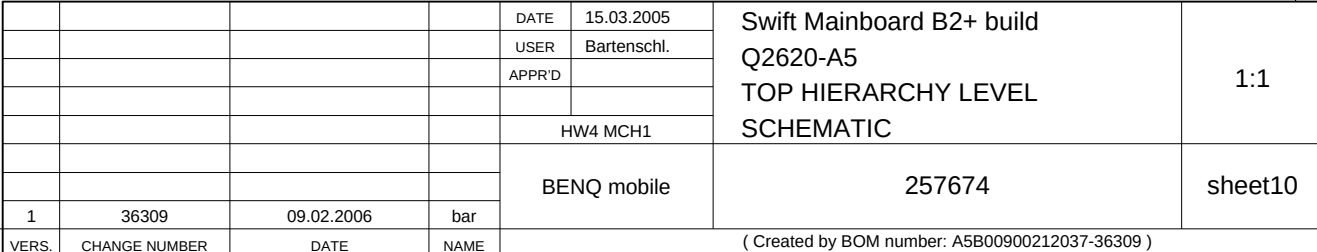
BT_SIN26M <<====>> BT_SIN26M

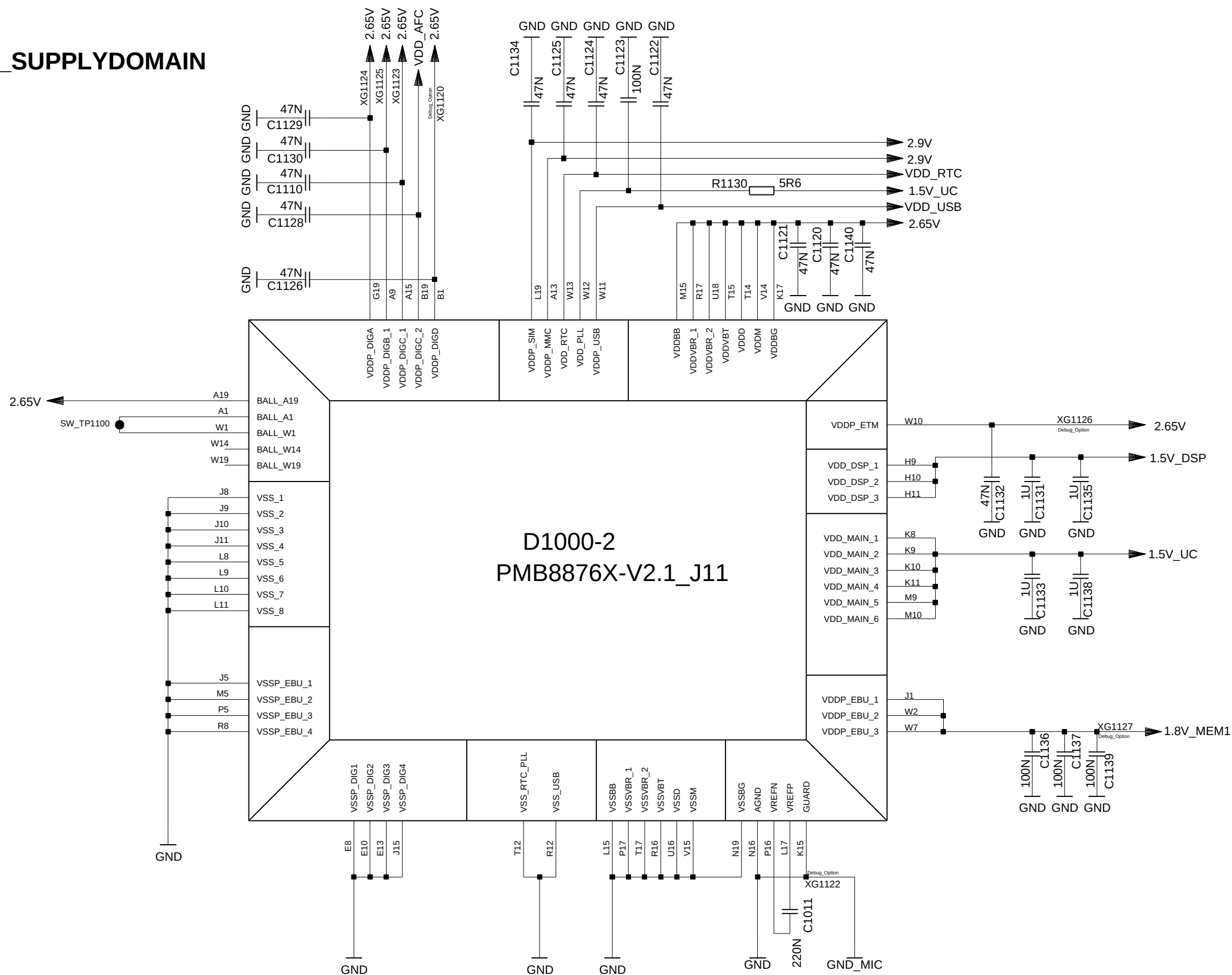
HIT_POINTS LOGIK/BLUETOOTH

BT_TX <<====>> BT_TX USART1_TXD
BT_RX <<====>> BT_RX USART1_RXD
BT_CTS <<====>> BT_CTS USART1_CTS
BT_RTS <<====>> BT_RTS USART1_RTS
BT_PCM_SYNC <<====>> BT_PCM_SYNC I2S1_WA0
BT_PCM_IN <<====>> BT_PCM_IN I2S1_TX
BT_PCM_OUT <<====>> BT_PCM_OUT I2S1_RX
BT_PCM_CLK <<====>> BT_PCM_CLK I2S1_CLK0
BT_RESET <<====>> BT_RESET
BT_VCXOEN <<====>> BT_VCXOEN

CLK32 <<====>> CLK32 DIF_RESET2
CLK_32

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				USER	Bartenschl.		
				APPR'D			
					HW4 MCH1	257674	sheet4
					BENQ mobile		
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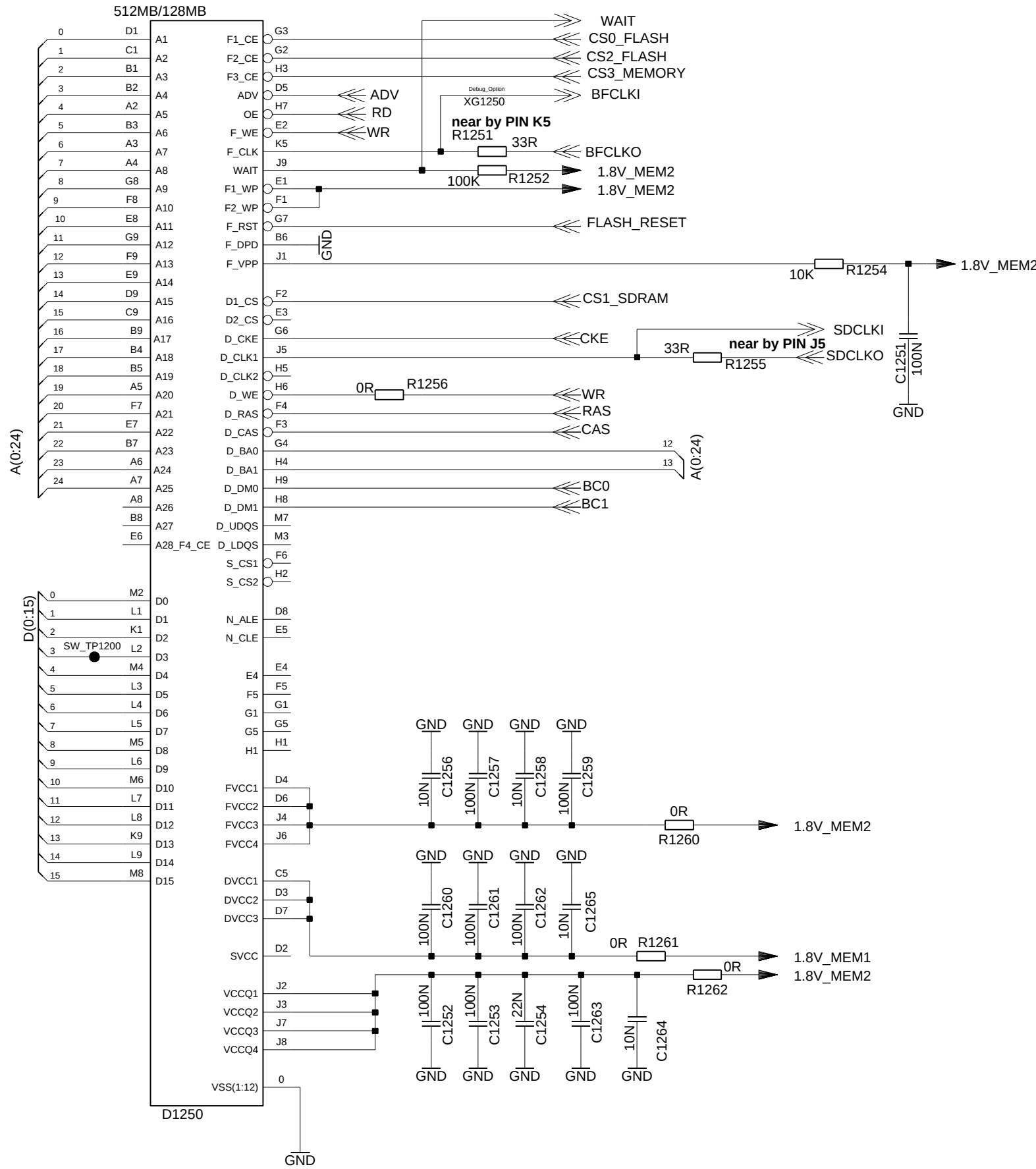
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					BENQ mobile	257674	sheet11
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FLASH_SDRAM

1200-1299



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				HW4 MCH1			
				BENQ mobile		257674	sheet12
1	36309	09.02.2006	bar	(Created by BOM number: A5B00900212037-36309)			
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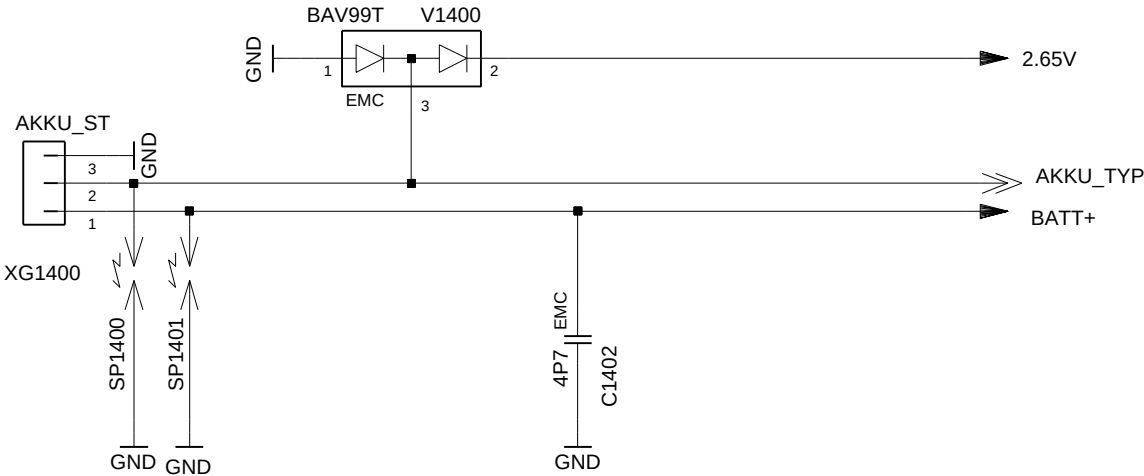
1:1

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BATTERY_CONNECTOR

1400-1449



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				USER	Bartenschl.		
				APPR'D			
				HW4 MCH1		257674	sheet14
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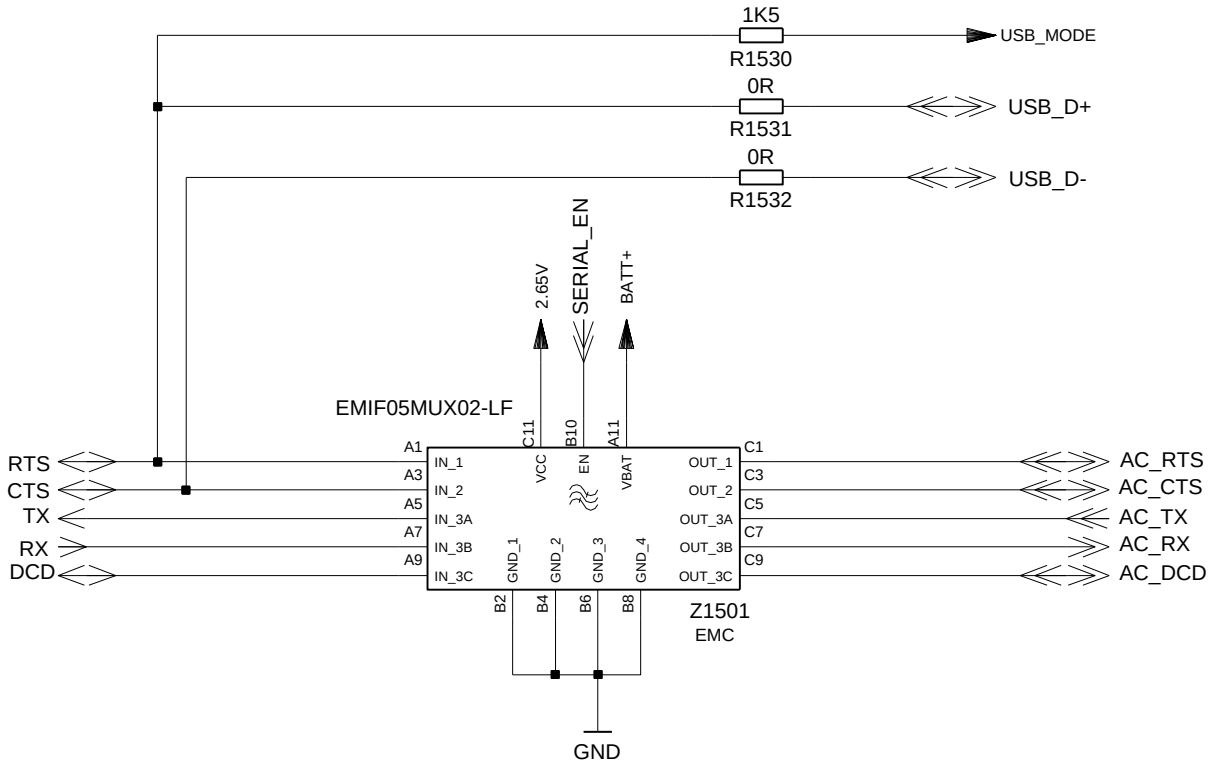
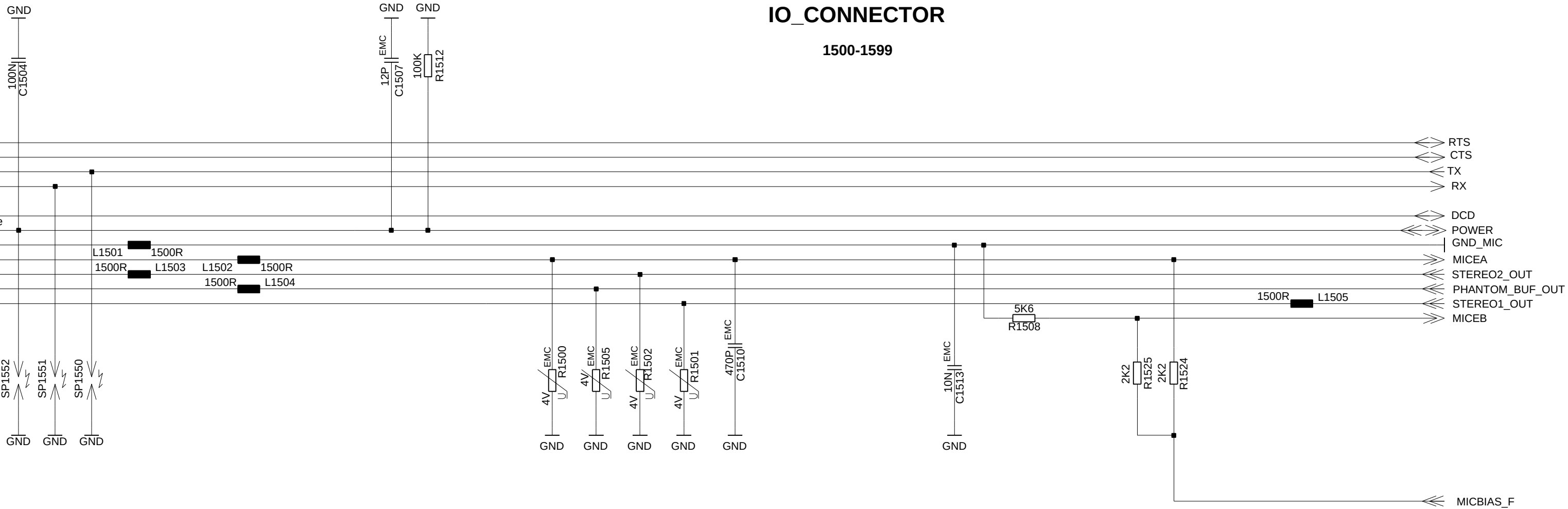
IO_CONNECTOR

1500-1599

Nano_IO_LUMBERG

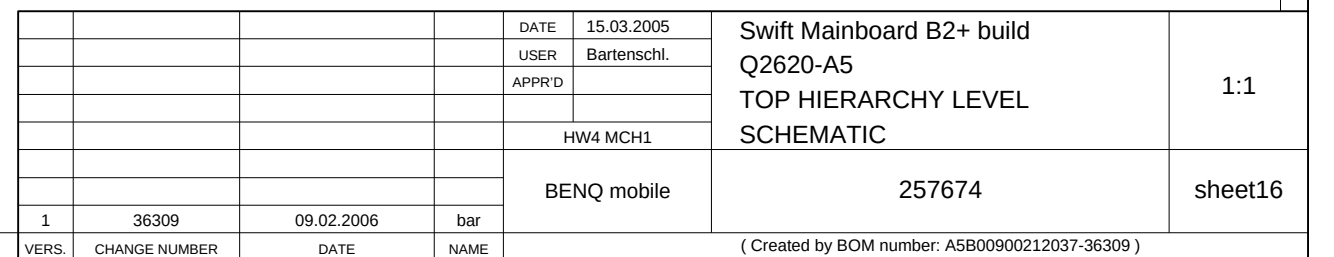


Bootpunkte für Fertigung



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				USER	Bartenschl.		
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				BENQ mobile		257674	sheet15
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1600-1659

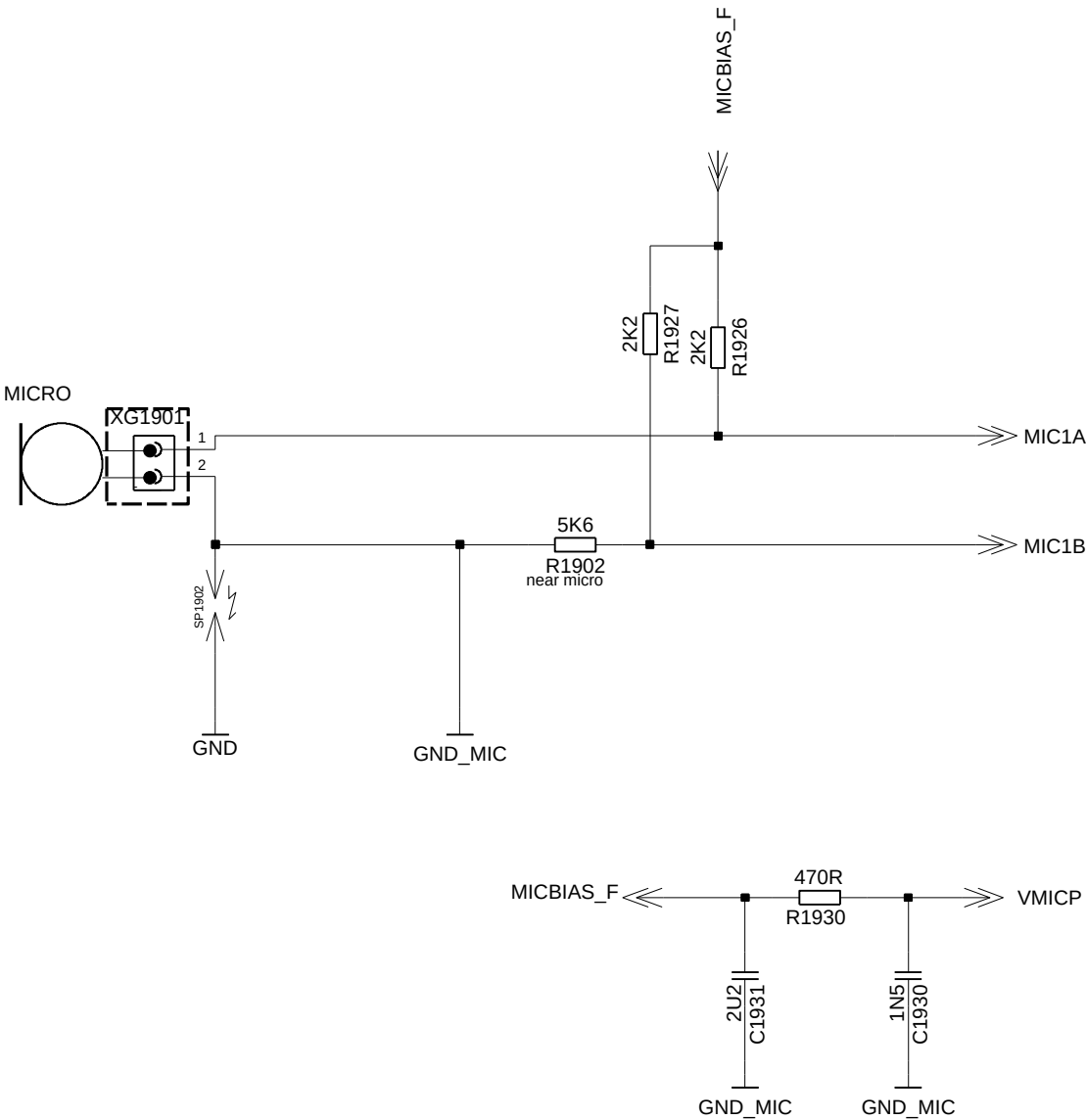


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MICROPHONE_CIRCUIT_1

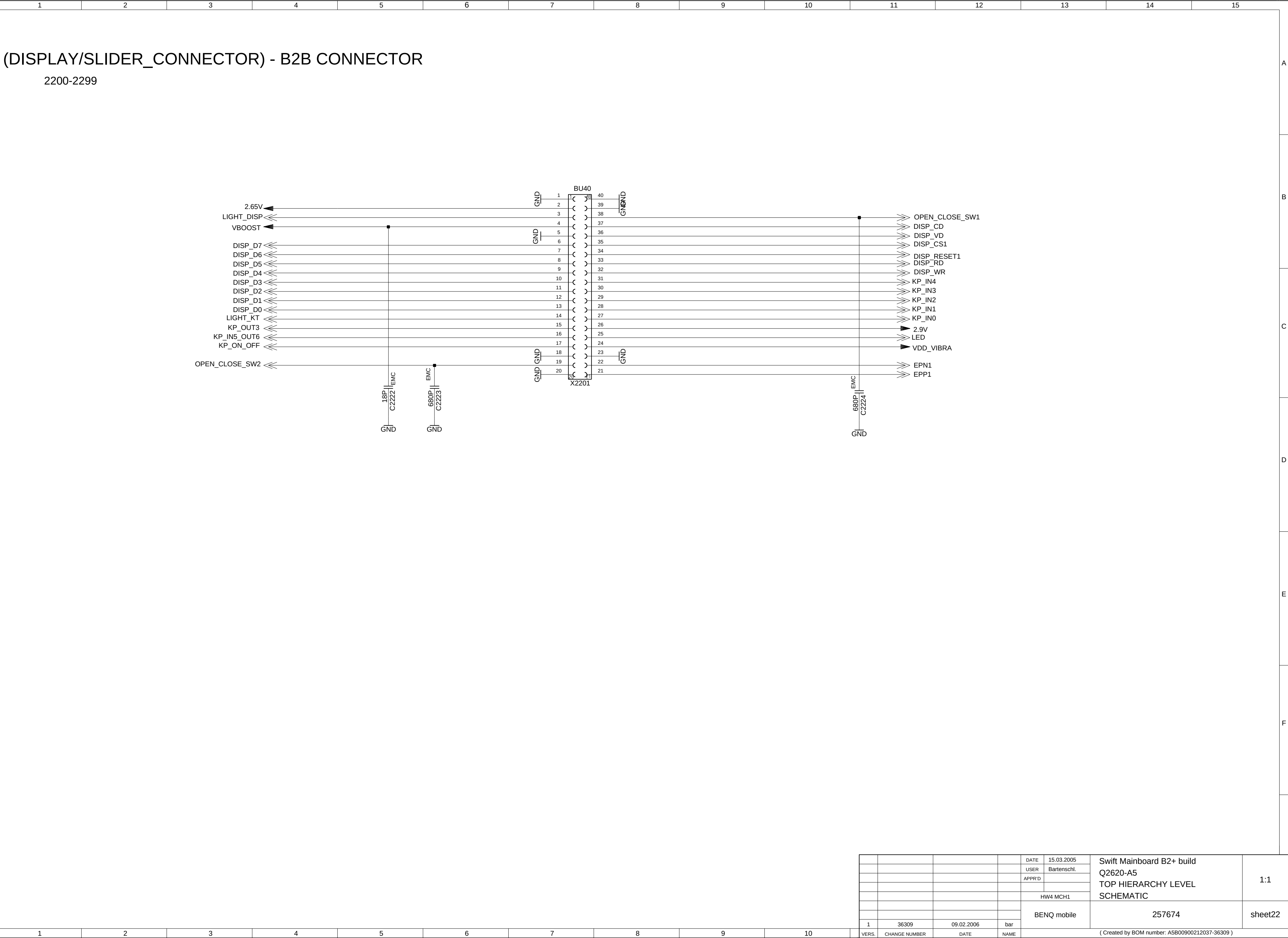
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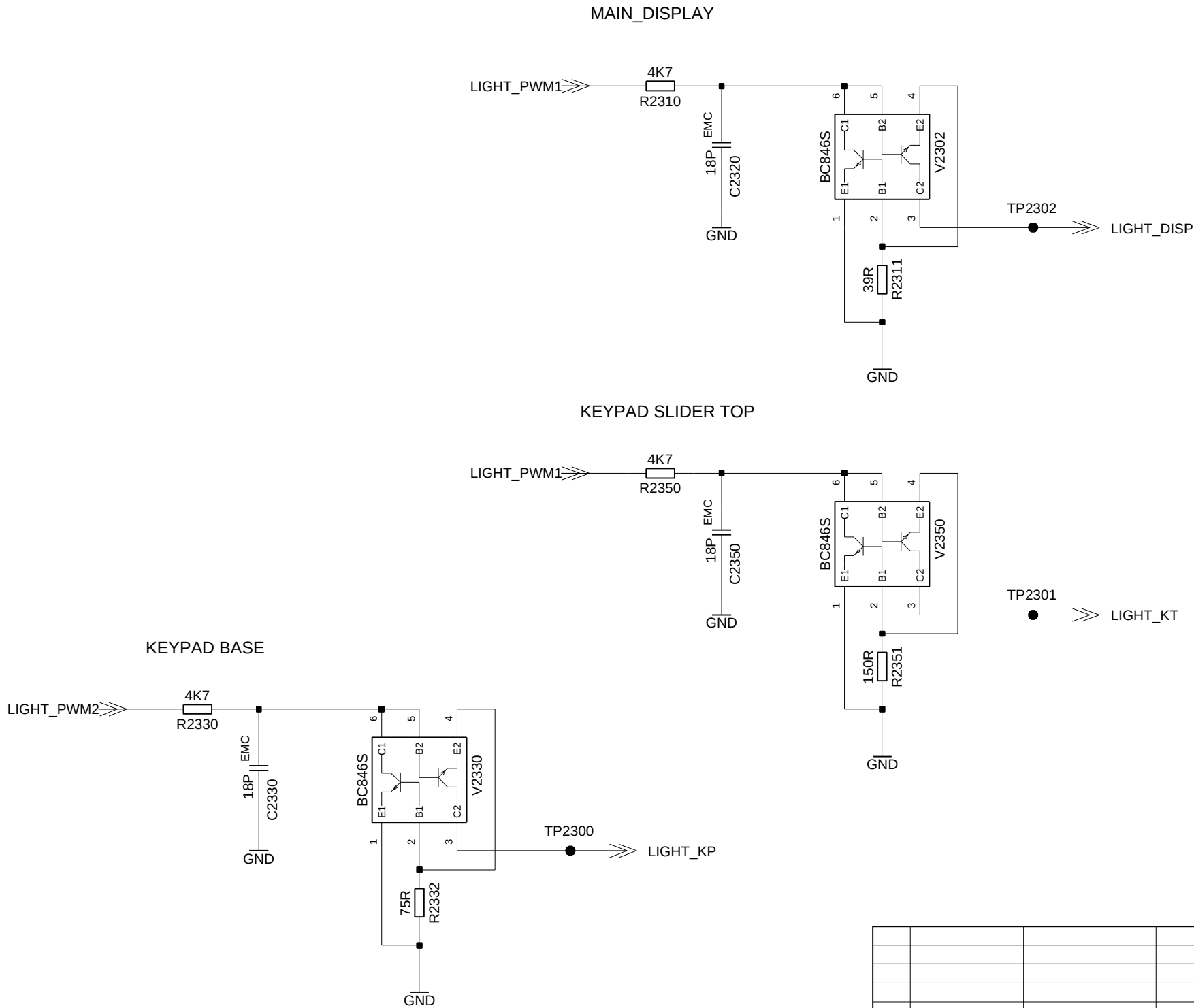
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				HW4 MCH1			
				BENQ mobile		257674	sheet22
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DISPLAY/ KEYPAD BACKLIGHT CONTROL

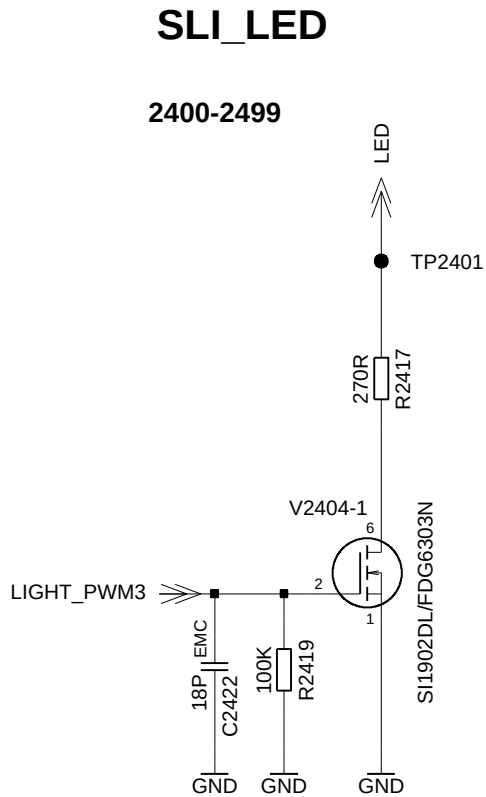
2300-2399



				DATE	15.03.2005	Swift Mainboard B2+ build Q2620-A5 TOP HIERARCHY LEVEL SCHEMATIC	1:1
				USER	Bartenschl.		
				APPR'D			
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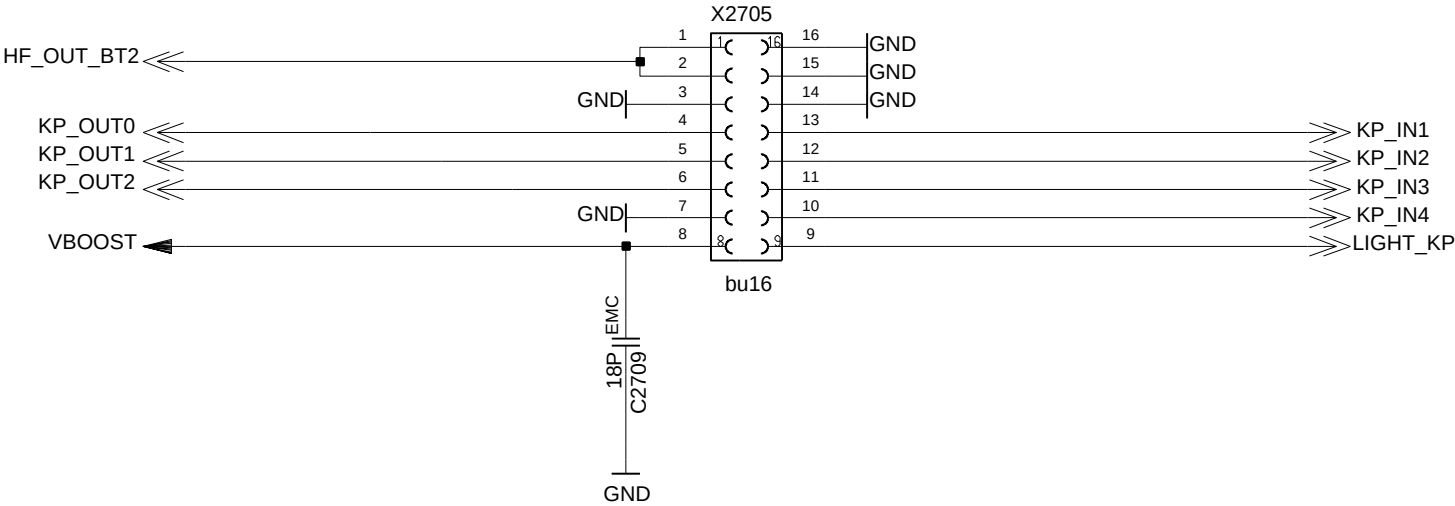
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				USER	Bartenschl.		
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				HW4 MCH1		257674	sheet24
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1	36309	09.02.2006	bar				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900212037-36309)			

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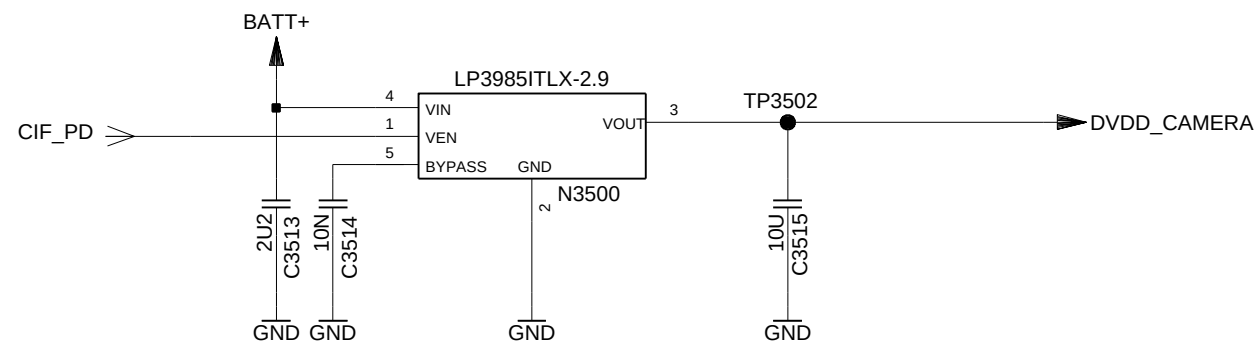
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Keypad Interface

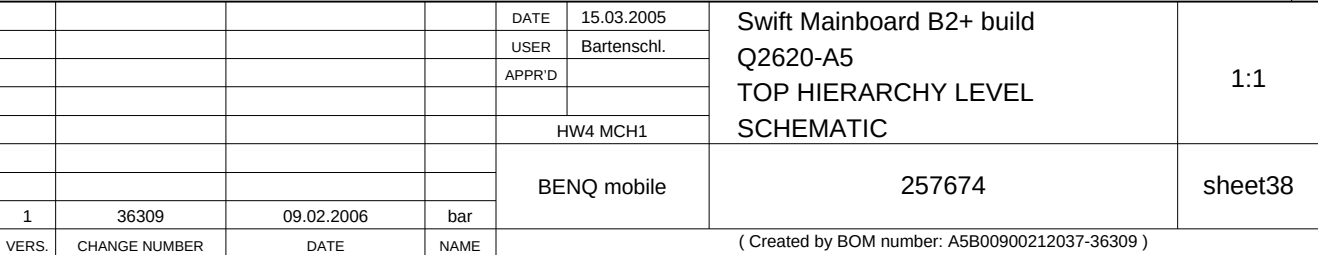
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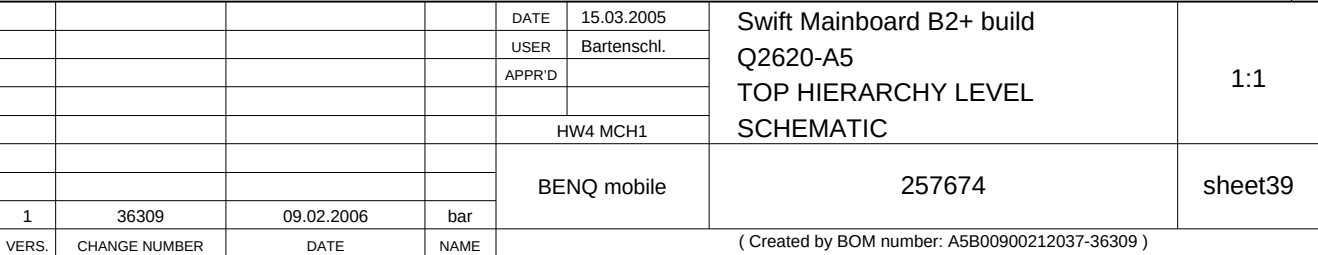


				DATE	15.03.2005	Swift Mainboard B2+ build Q2620-A5 TOP HIERARCHY LEVEL SCHEMATIC	1:1
				USER	Bartenschl.		
				APPR'D			
				HW4 MCH1			
				BENQ mobile		257674	sheet27
1	36309	09.02.2006	bar	(Created by BOM number: A5B00900212037-36309)			
VERS.	CHANGE NUMBER	DATE	NAME				

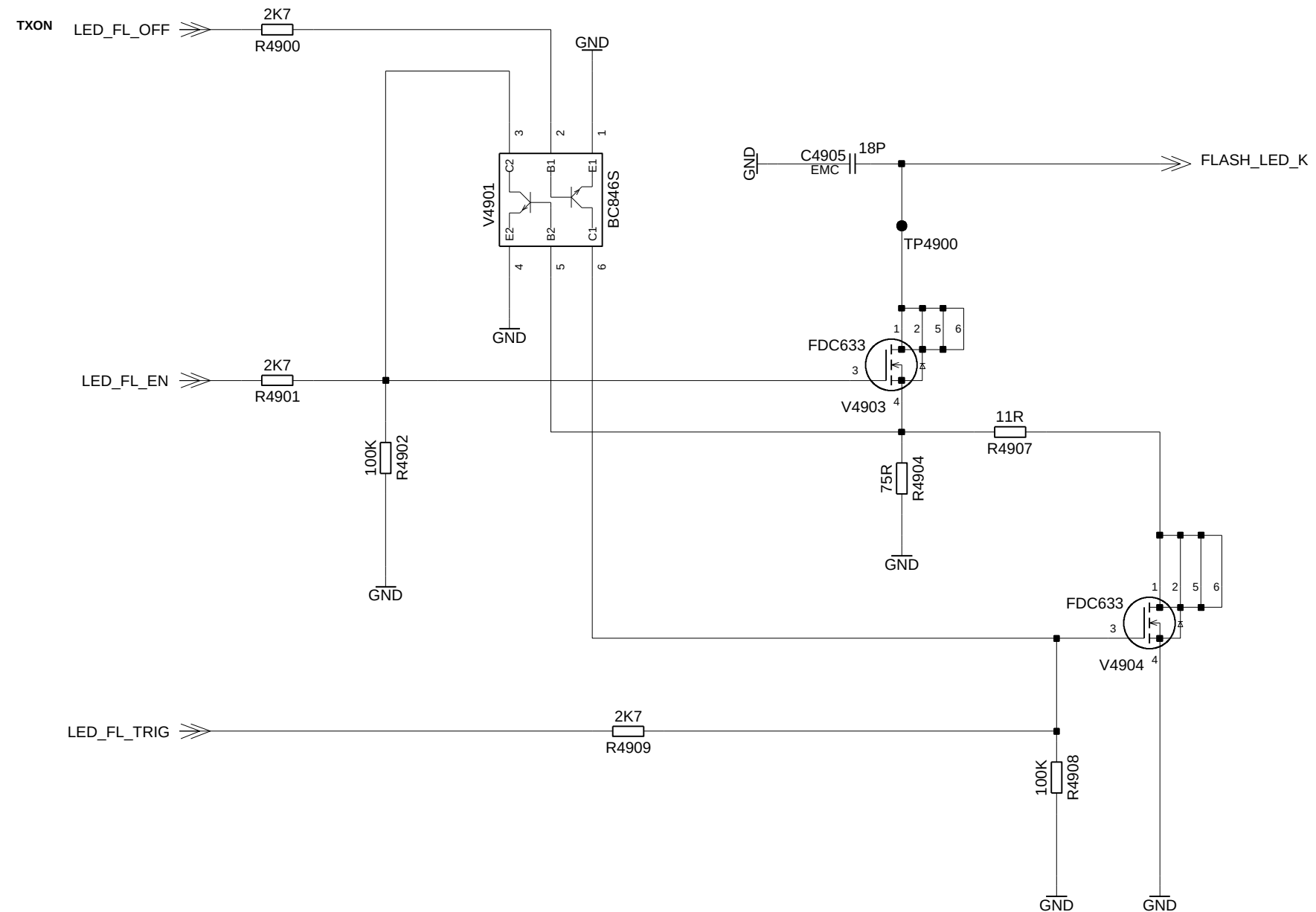


				DATE	15.03.2005	Swift Mainboard B2+ build Q2620-A5 TOP HIERARCHY LEVEL SCHEMATIC	1:1
				USER	Bartenschl.		
				APPR'D			
					HW4 MCH1		
				BENQ mobile		257674	sheet35
1	36309	09.02.2006	bar				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900212037-36309)			





4900-4999

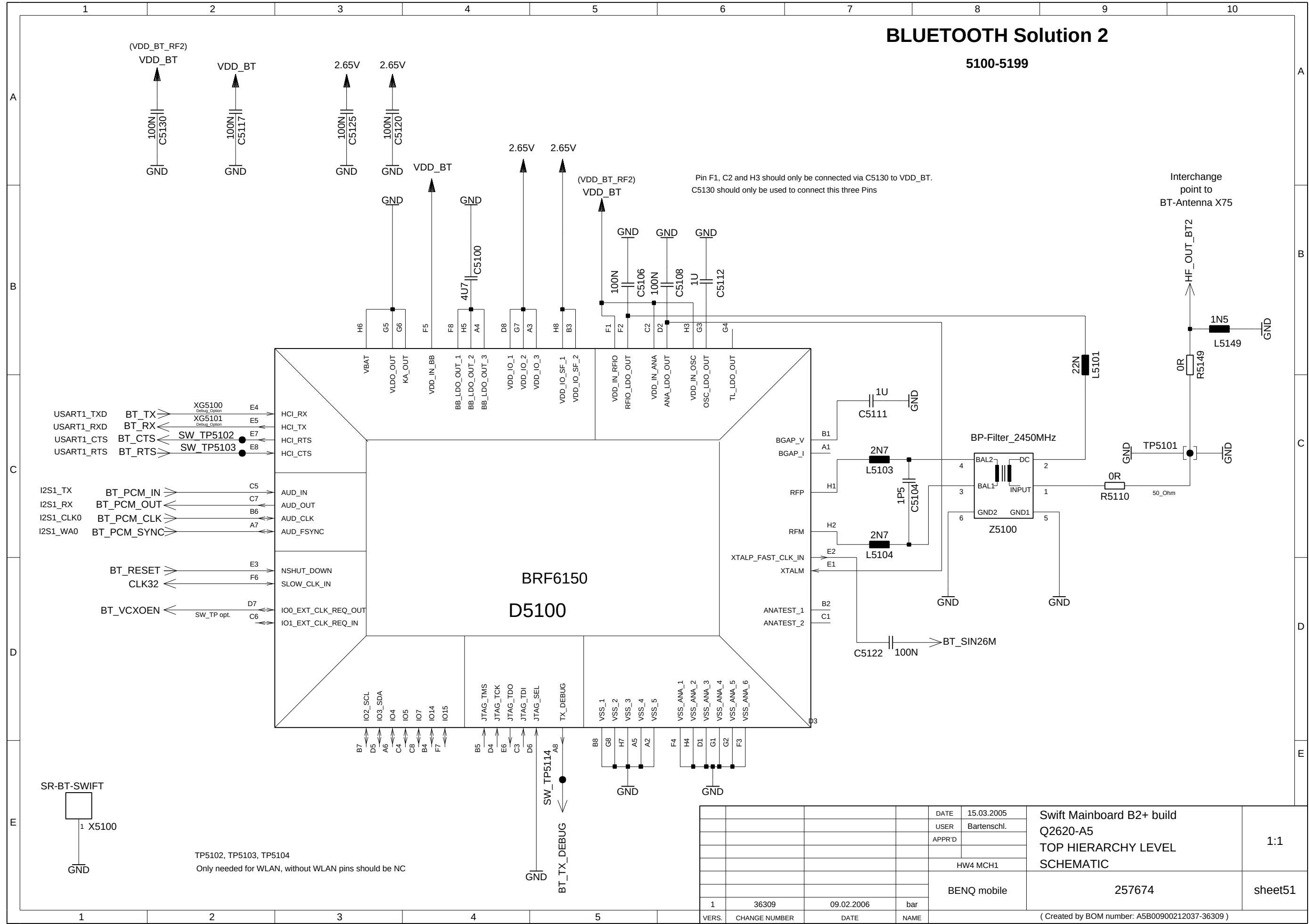


LED FLASHLIGHT	Page 49	R4903	Partnumber
Vboost	20,7	10 Ohm (0805)	A5B00026462423
Vboost	19,7	remove or 0 Ohm	

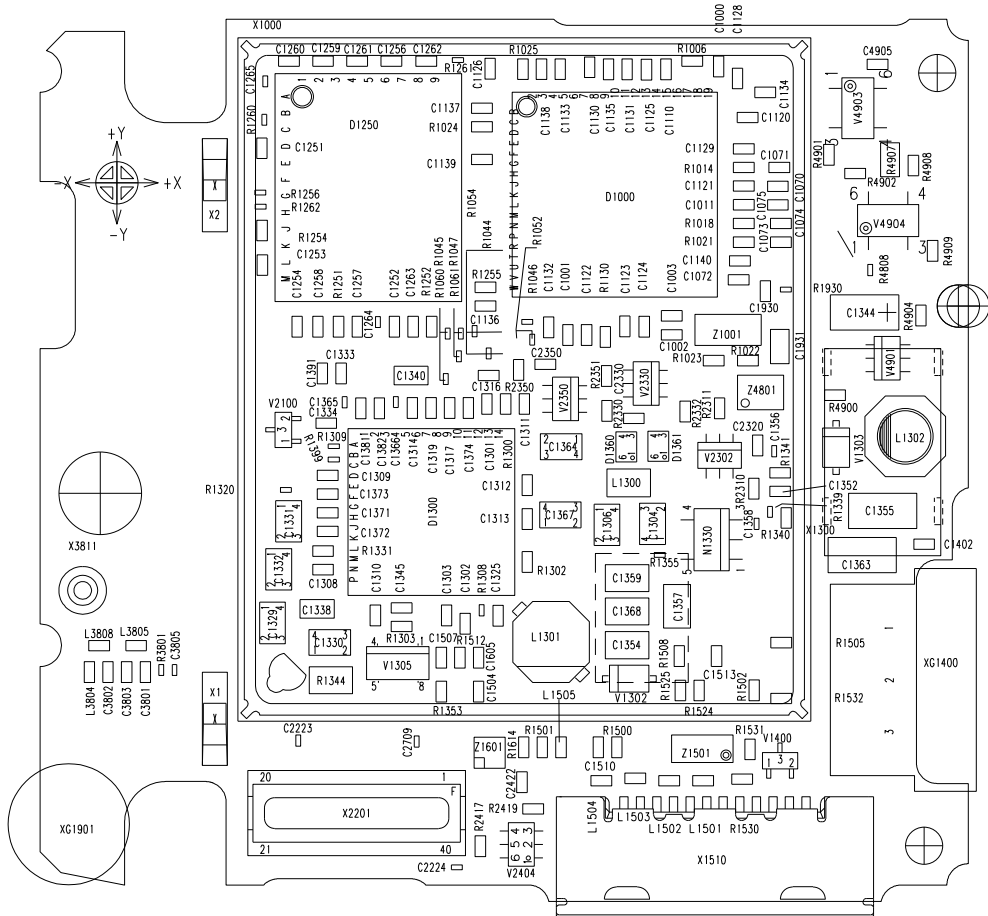
				DATE	15.03.2005	Swift Mainboard B2+ build Q2620-A5 TOP HIERARCHY LEVEL SCHEMATIC	1:1
				USER	Bartenschl.		
				APPR'D			
				HW4 MCH1			
				BENQ mobile		257674	sheet49
1	36309	09.02.2006	bar				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900212037-36309)			

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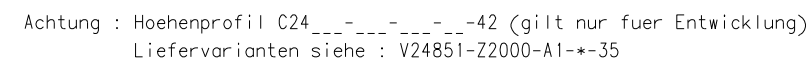


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C1001	6B	C1259	5A	C1358	7B	D1360	6B	R1262	5B	R4900	7B
C1002	6B	C1260	5A	C1359	6B	D1361	6B	R1300	6B	R4901	7A
C1003	6B	C1261	5A	C1363	7B	L1300	6B	R1302	6B	R4902	7A
C1011	7B	C1262	5A	C1364	6B	L1301	6C	R1303	5C	R4904	7B
C1070	7A	C1263	5B	C1365	5B	L1302	7B	R1308	6C	R4907	7A
C1071	7A	C1264	5B	C1366	5B	L1501	6C	R1309	5B	R4908	7A
C1072	7B	C1265	5A	C1367	6B	L1502	6C	R1320	5B	R4909	7B
C1073	7B	C1301	6B	C1368	6C	L1503	6C	R1331	5B	V1302	6C
C1074	7B	C1302	6C	C1371	5B	L1504	6C	R1339	7B	V1303	7B
C1075	7B	C1303	5C	C1372	5B	L1505	6C	R1340	7B	V1305	5C
C1110	6A	C1304	6B	C1373	5B	L3804	4C	R1341	7B	V1400	7C
C1120	7A	C1306	6B	C1374	6B	L3805	4C	R1344	5C	V2100	5B
C1121	7A	C1308	5B	C1381	5B	L3808	4C	R1353	5C	V2302	7B
C1122	6B	C1309	5B	C1382	5B	N1330	7B	R1355	6B	V2330	6B
C1123	6B	C1310	5C	C1391	5B	R1006	6A	R1399	5B	V2350	6B
C1124	6B	C1311	6B	C1402	7B	R1014	7A	R1500	6C	V2404	6C
C1125	6A	C1312	6B	C1504	6C	R1018	7B	R1501	6C	V4901	7B
C1126	6A	C1313	6B	C1507	5C	R1021	7B	R1502	7C	V4903	7A
C1128	7A	C1314	5B	C1510	6C	R1022	7B	R1505	7C	V4904	7B
C1129	7A	C1316	6B	C1513	7C	R1023	6B	R1508	6C	X1	5C
C1130	6A	C1317	6B	C1605	6C	R1024	6A	R1512	6C	X2	5A
C1131	6A	C1319	5B	C1930	7B	R1025	6A	R1524	6C	X1000	7C
C1132	6B	C1325	6C	C1931	7B	R1044	6B	R1525	6C	X1300	7B
C1133	6A	C1329	5C	C2223	5C	R1045	6B	R1530	7C	X1510	7C
C1134	7A	C1330	5C	C2224	6C	R1046	6B	R1531	7C	X2201	5C
C1135	6A	C1331	5B	C2320	7B	R1047	6B	R1532	7C	X3811	4C
C1136	6B	C1332	5B	C2330	6B	R1052	6B	R1614	6C	Z1001	6B
C1137	6A	C1333	5B	C2350	6B	R1054	6B	R1930	7B	Z1501	7C
C1138	6A	C1334	5B	C2422	6C	R1060	5B	R2310	7B	Z1601	6C
C1139	6A	C1338	5C	C2709	5C	R1061	6B	R2311	7B	Z4801	7B
C1140	7B	C1340	5B	C3801	4C	R1130	6B	R2330	6B		
C1251	5A	C1344	7B	C3802	4C	R1251	5B	R2332	6B		
C1252	5B	C1345	5C	C3803	4C	R1252	5B	R2350	6B		
C1253	5B	C1352	7B	C3805	4C	R1254	5B	R2351	6B		
C1254	5B	C1354	6C	C4905	7A	R1255	6B	R2417	6C		
C1256	5A	C1355	7B	D1000	6A	R1256	5A	R2419	6C		
C1257	5B	C1356	7B	D1250	5A	R1260	5A	R3801	4C		



Achtung : Höhenprofil C24-----42 (gilt nur fuer Entwicklung)
Liefervarianten siehe : V24851-Z2000-A1-*-35

				DATE	15.03.2005	Swift Mainboard B2+ build Q2620-A5 WIRING DIAGRAMM (SOLDER SIDE 1)	3:1
				NAME	Bartenschl.		
				APPR'D			
				STD			
				HW4 MCH1		257675	SHEET 1+
				BENQ mobile			
1	36309	09.02.2006	bar				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900212037-36309)			

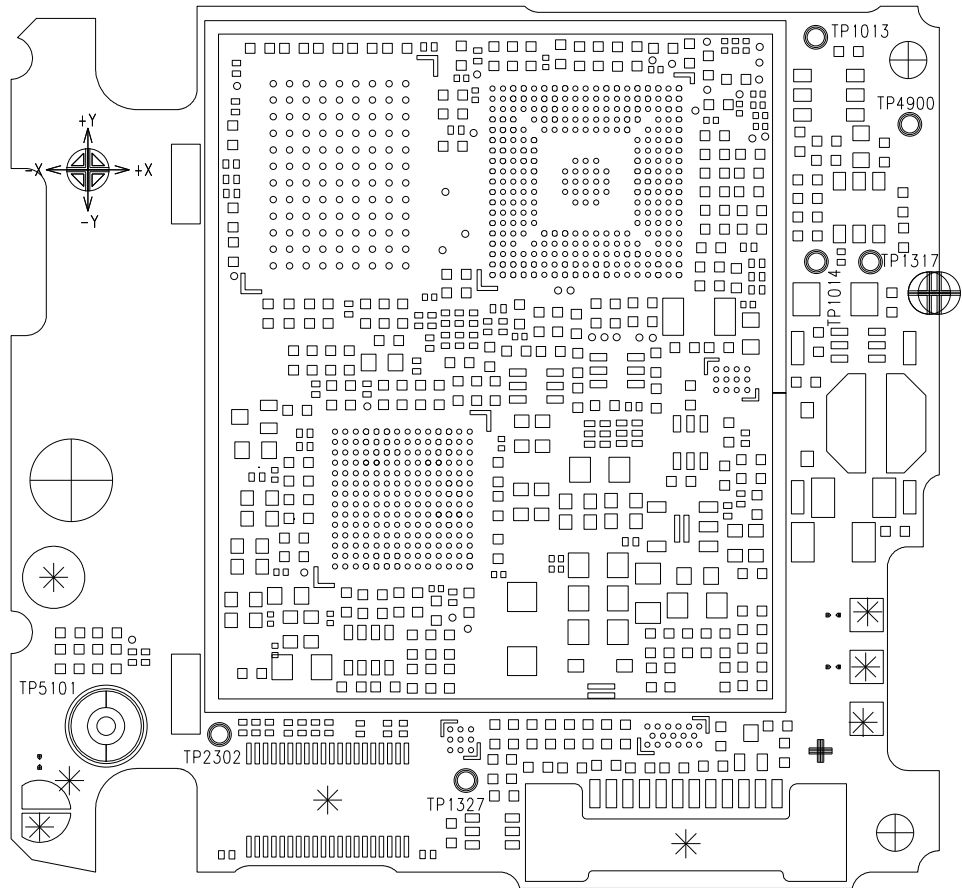


				DATE	15.03.2005	Swift Mainboard B2+ build Q2620-A5 WIRING DIAGRAMM (SOLDER SIDE 2)	3:1
				NAME	Bartenschl.		
				APPR'D			
				STD			
				HW4 MCH1			
				BENQ mobile		257675	SHEET 2+
1	36309	09.02.2006	bar				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900212037-36309)			

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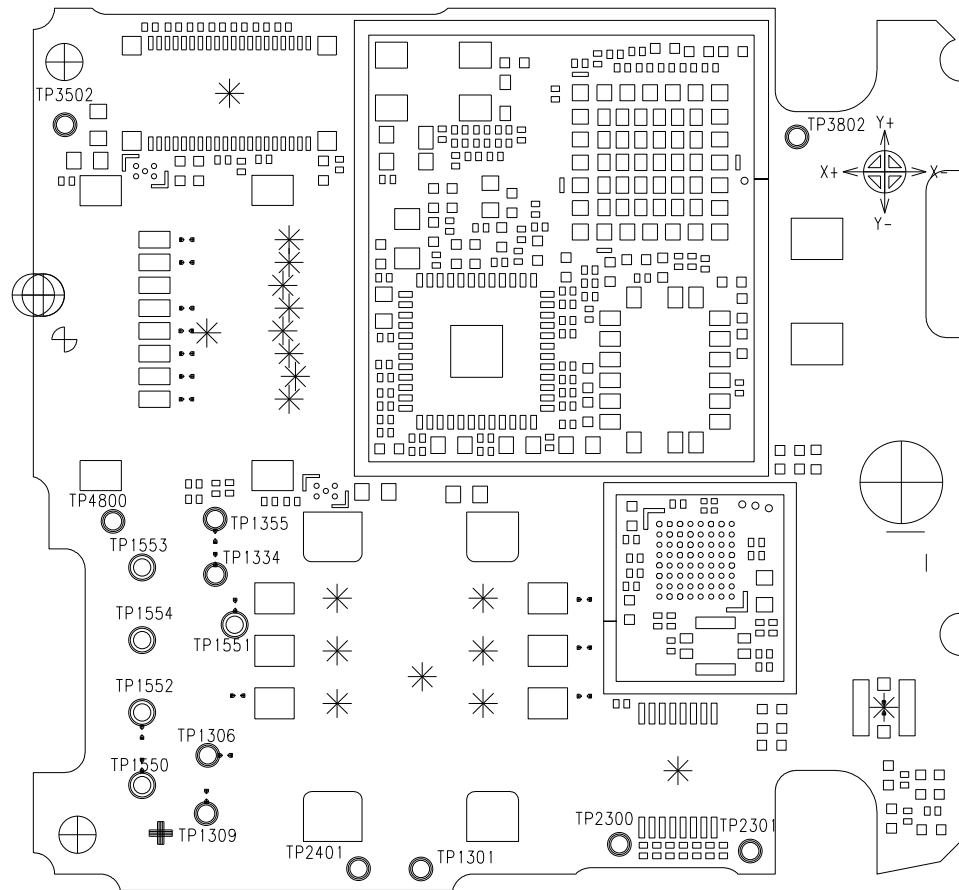
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TP1014	7B	/BREF
TP1317	7B	VDD_RTC
TP1327	6C	/N34475
TP2302	5C	/LIGHT_DISP
TP4900	7A	/FLASH_LED_K
TP5101	4C	/N43882



				DATE	15.03.2005	Swift Mainboard B2+ build Q2620-A5 TESTPOINT DIAGRAMM (SIDE 1)	3:1
				NAME	Bartenschl.		
				APPR'D			
				STD			
				HW4 MCH1		257676	SHEET 1+
				BENQ mobile			
1	36309	09.02.2006	bar				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900212037-36309)			

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ALLE RECHTE VORBEHALTEN



TP1301	5C	/KP_ON_OFF
TP1306	4C	2.9V
TP1309	4C	2.65V
TP1334	4C	/PM_RESET_N
TP1355	4B	VBOOST
TP1550	3C	/TX
TP1551	4C	/RX
TP1552	3C	/POWER
TP1553	3B	BATT+
TP1554	3C	GND
TP2300	5C	/LIGHT_KP
TP2301	6C	/LIGHT_KT
TP2401	4C	/LED
TP3502	3A	DVDD_CAMERA
TP3802	6A	/TX_ON
TP4800	3B	MMC_VCC

				DATE	15.03.2005	Swift Mainboard B2+ build Q2620-A5 TESTPOINT DIAGRAMM (SIDE 2)	3:1
				NAME	Bartenschl.		
				APPR'D			
				STD			
				HW4 MCH1		257676	SHEET 2-
				BENQ mobile			
1	36309	09.02.2006	bar				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900212037-36309)			

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1		2		3		4		5	
HIERARCHY				SHEET		PDF-SHEET			
A5B00900200346-32583				index		sheet 1			
				netlist1		sheet 2			
				poslist1		sheet 3			
				sheet22		sheet 4			
				sheet28		sheet 5			
				sheet29		sheet 6			

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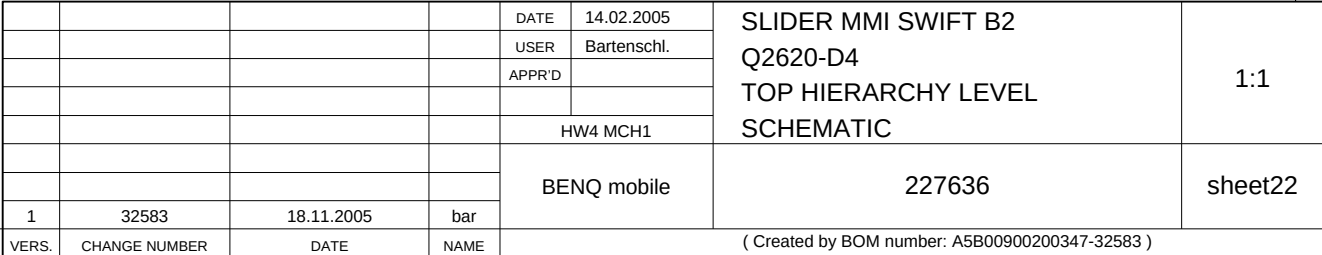
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/sheet22 12 D		/sheet29 5 B							
/sheet22 5 B									
/sheet28 5 D		KP_IN3							
		/sheet22 5 A							
2.9V		/sheet29 5 C							
/sheet22 12 D									
/sheet22 11 B		KP_IN4							
		/sheet22 5 A							
DISP_CD		/sheet29 5 C							
/sheet22 12 D									
/sheet22 11 B		KP_IN5_OUT6							
		/sheet22 11 B							
DISP_CS1		/sheet29 9 D							
/sheet22 12 D									
/sheet22 11 B		KP_ON_OFF							
		/sheet22 11 A							
DISP_D0		/sheet29 2 B							
/sheet22 12 D									
/sheet22 5 C		KP_OUT3							
		/sheet22 11 B							
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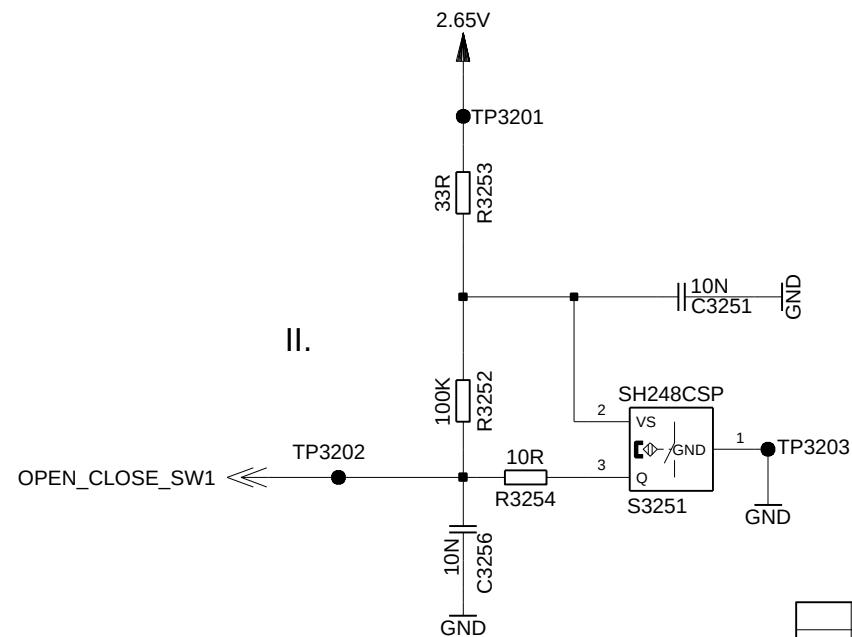
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1				2				3				4				5			
C3251 /sheet28 6 D																A			
C3256 /sheet28 5 E																			
R2800 /sheet28 9 A																			
R3252 /sheet28 5 D																			
R3253 /sheet28 5 D																			
R3254 /sheet28 5 E																			
S3251 /sheet28 5 E																			
TP2802 /sheet28 9 B																			
TP2801 /sheet28 9 A																			
TP3201 /sheet28 5 D																			
TP3202 /sheet28 4 E																			
TP3203 /sheet28 6 D																			
TP2906 /sheet29 8 D																			
TP2907 /sheet29 9 D																			
TP2901 /sheet29 7 A																			
TP2902 /sheet29 7 B																			
TP2903 /sheet29 7 B																			
TP2904 /sheet29 7 C																			
TP2905 /sheet29 7 C																			
TP2900 /sheet29 2 B																			
V2820 /sheet28 10 A																			
V2821 /sheet28 10 B																			
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V2823 /sheet28 10 B																			
X2200 /sheet22 8 C																			
X2220 /sheet22 9 E																			



2800-2899



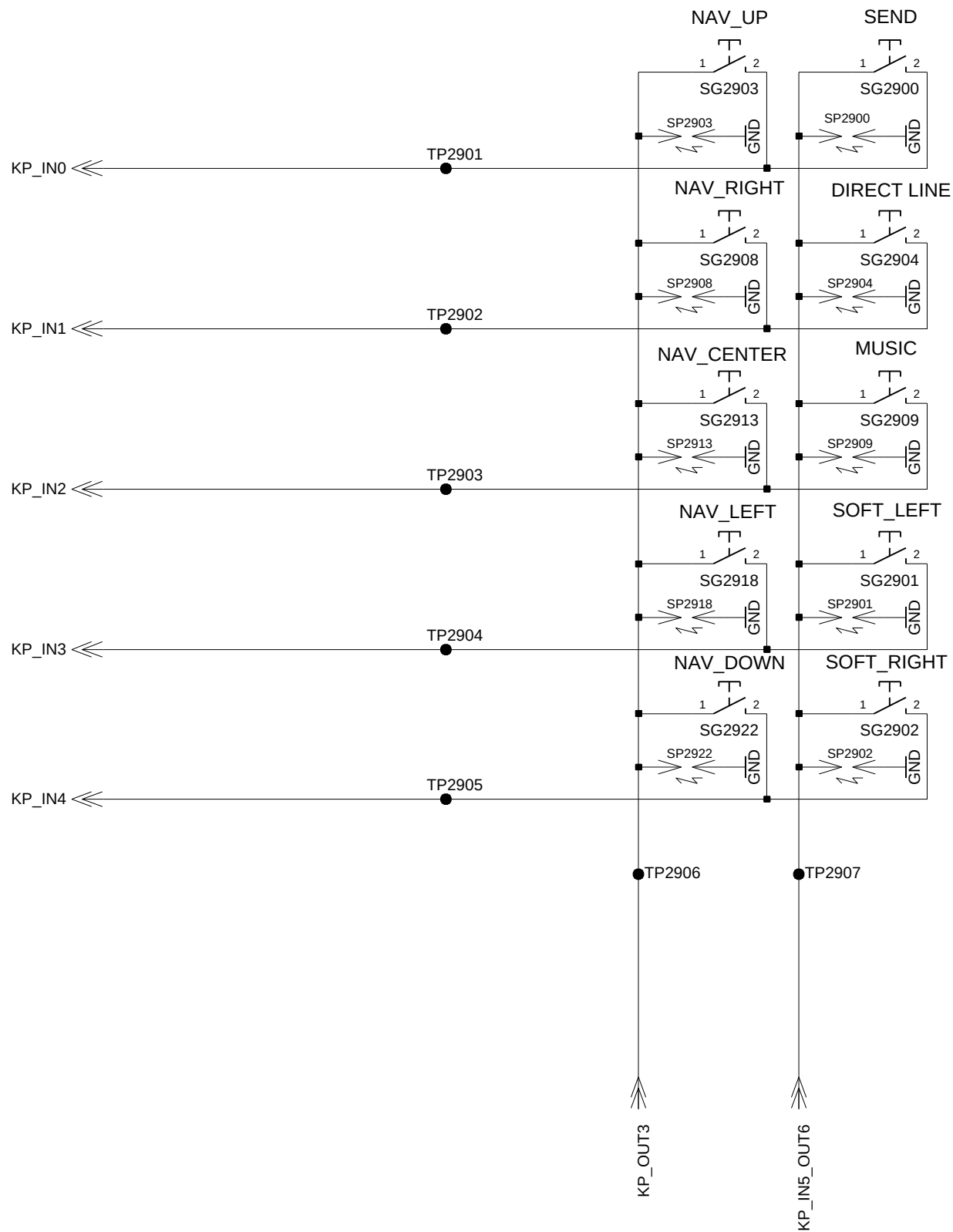
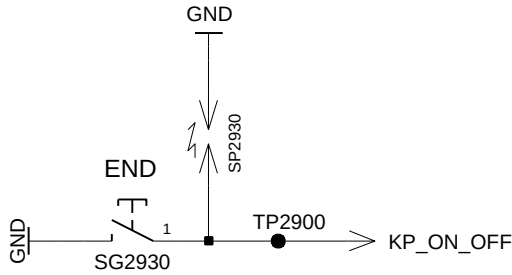
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				USER	Bartenschl.		
				APPR'D			
				HW4 MCH1		227636	sheet28
				BENQ mobile			
1	32583	18.11.2005	bar				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900200347-32583)			

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KEYPAD_SGOLD2

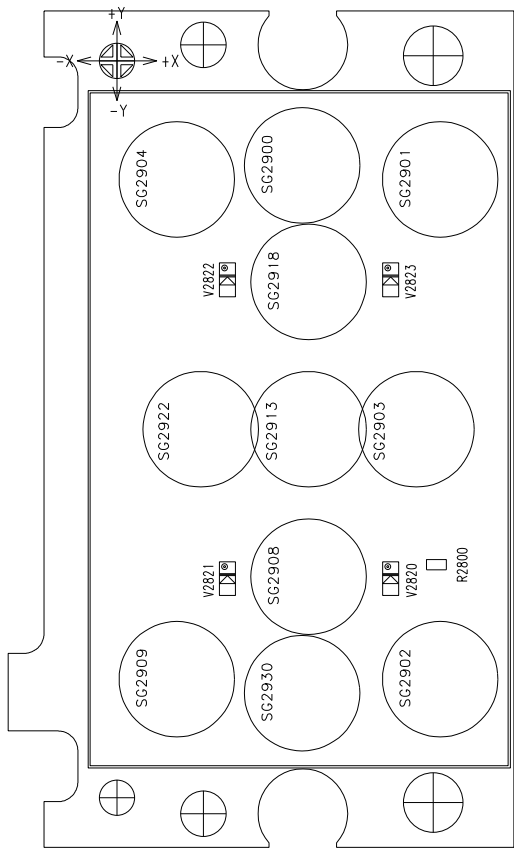
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				USER	Bartenschl.		
				APPR'D			
				HW4 MCH1			
				BENQ mobile		227636	sheet29
1	32583	18.11.2005	bar				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900200347-32583)			

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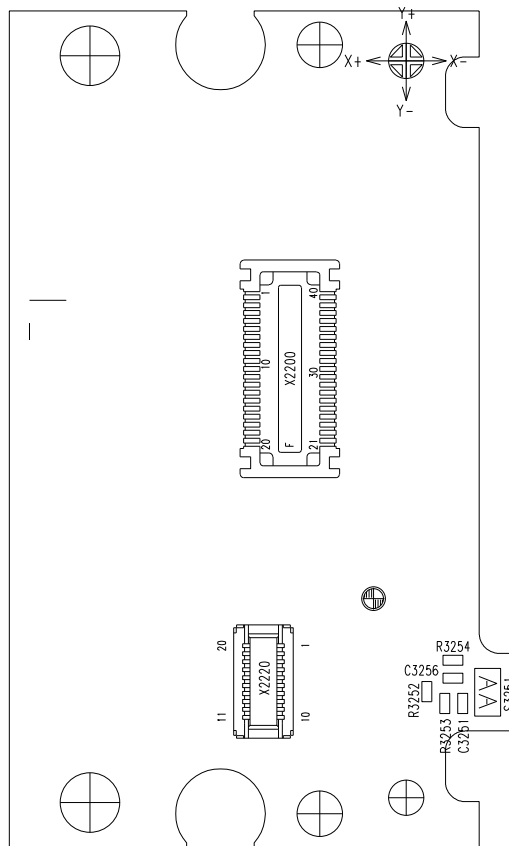
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V2821	2B
V2822	2B
V2823	3B

Achtung : Höhenprofil C24____-____-____-42 (gilt nur fuer Entwicklung)
Liefervarianten siehe : V24851-Z2000-A1-*--35

				DATE	14.02.2005	SLIDER MMI SWIFT B2 Q2620-D4 WIRING DIAGRAMM (SOLDER SIDE 1)	3 : 1
				NAME	Bartenschl.		
				APPR'D			
				STD			
				HW4 MCH1		227637	SHEET 1+
				BENQ mobile			
1	32583	18.11.2005	bar				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900200347-32583)			

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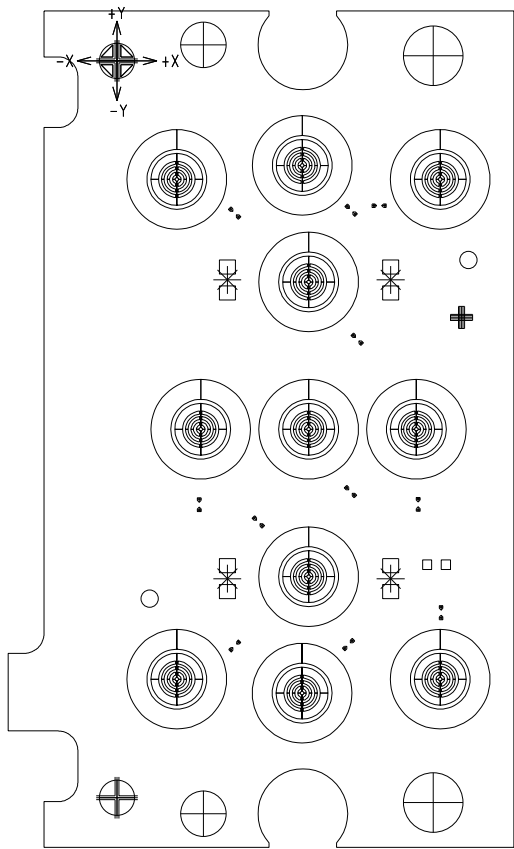
C3251	4C
C3256	4C
R3252	4C
R3253	4C
R3254	4C
S3251	4C
X2200	3B
X2220	3C

Achtung : Höhenprofil C24___-___-___-42 (gilt nur fuer Entwicklung)
Liefervarianten siehe : V24851-Z2000-A1-*-35

				DATE	14.02.2005	SLIDER MMI SWIFT B2 Q2620-D4 WIRING DIAGRAM (SOLDER SIDE 2)	3 : 1
				NAME	Bartenschl.		
				APPR'D			
				STD			
				HW4 MCH1		227637	SHEET 2+
				BENQ mobile			
1	32583	18.11.2005	bar				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900200347-32583)			

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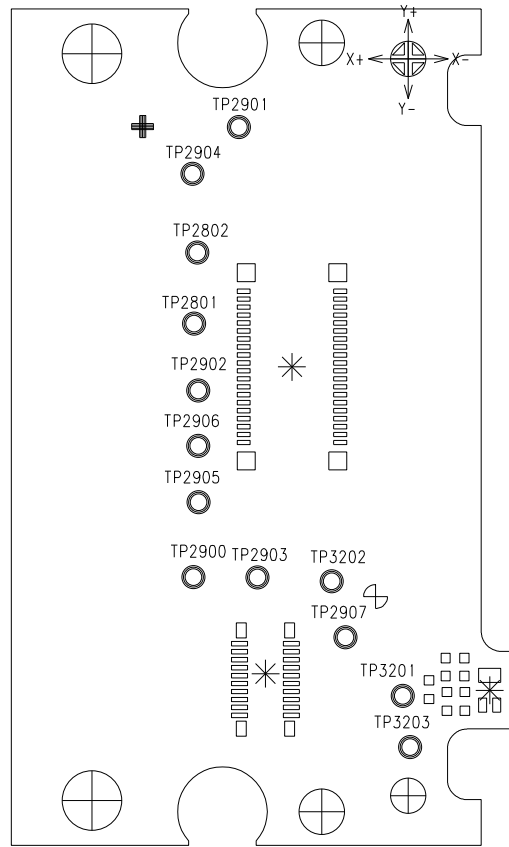
ALS BETRIEBSGEHEIMNIS ANVERTRAUT
ALLE RECHTE VORBEHALTEN



				DATE	14.02.2005	SLIDER MMI SWIFT B2 Q2620-D4 TESTPOINT DIAGRAMM (SIDE 1)	3 : 1
				NAME	Bartenschl.		
				APPR'D			
				STD			
				HW4 MCH1		227638	SHEET 1 +
				BENQ mobile			
1	32583	18.11.2005	bar				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900200347-32583)			

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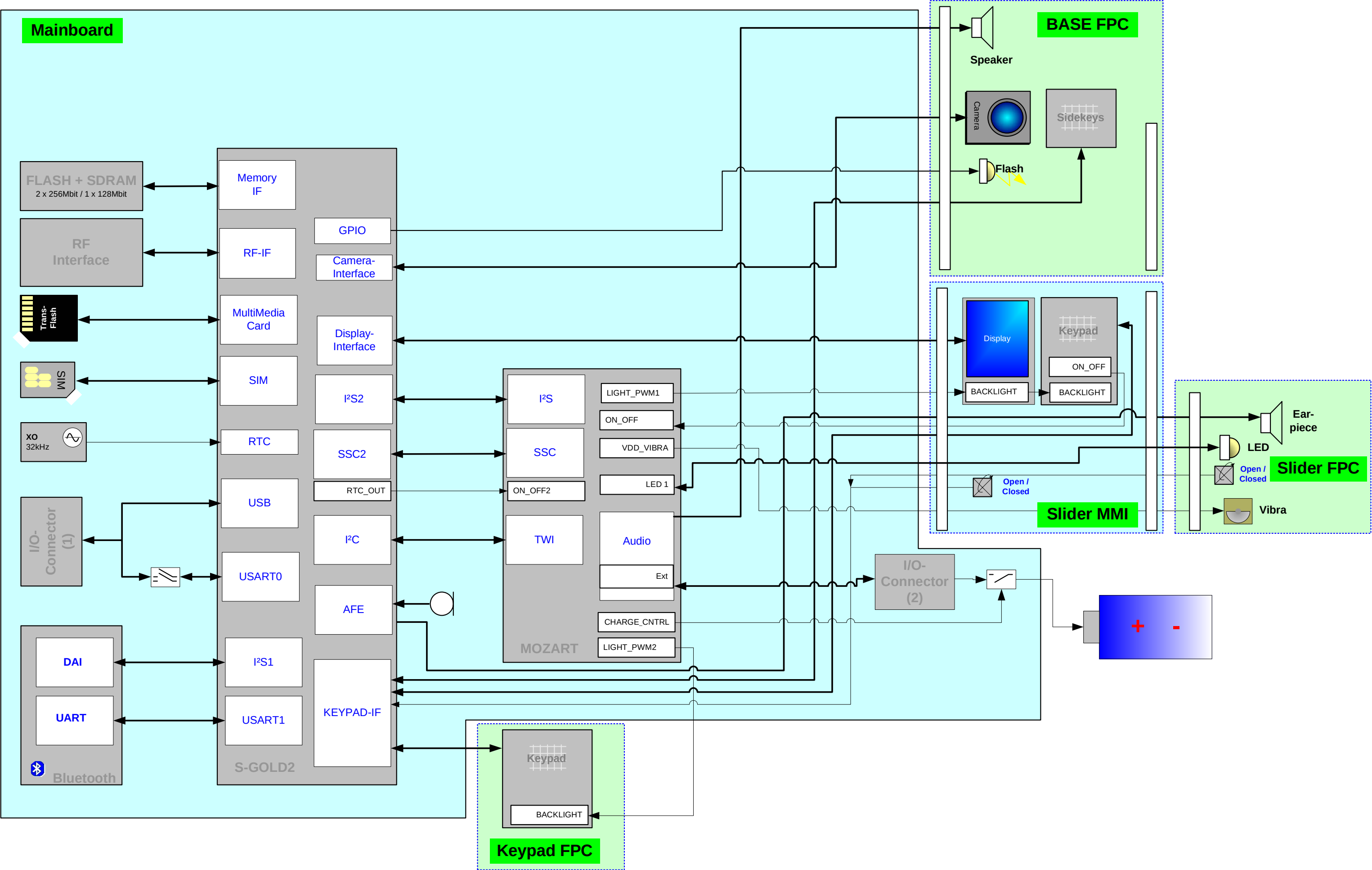
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ALLE RECHTE VORBEHALTEN



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TP2802	3B	/LIGHT_KT
TP2900	3B	/KP_ON_OFF
TP2901	3A	/KP_IN0
TP2902	3B	/KP_IN1
TP2903	3B	/KP_IN2
TP2904	3A	/KP_IN3
TP2905	3B	/KP_IN4
TP2906	3B	/KP_OUT3
TP2907	3C	/KP_IN5_OUT6
TP3201	4C	2.65V
TP3202	3B	/OPEN_CLOSE_SW1
TP3203	4C	GND

				DATE	14.02.2005	SLIDER MMI SWIFT B2 Q2620-D4 TESTPOINT DIAGRAMM (SIDE 2)	3:1	
				NAME	Bartenschl.			
				APPR'D				
				STD				
				HW4 MCH1				
				BENQ mobile		227638	SHEET 2-	
1	32583	18.11.2005	bar					
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900200347-32583)				

Block diagram EL71



EL71 RF Diagram

