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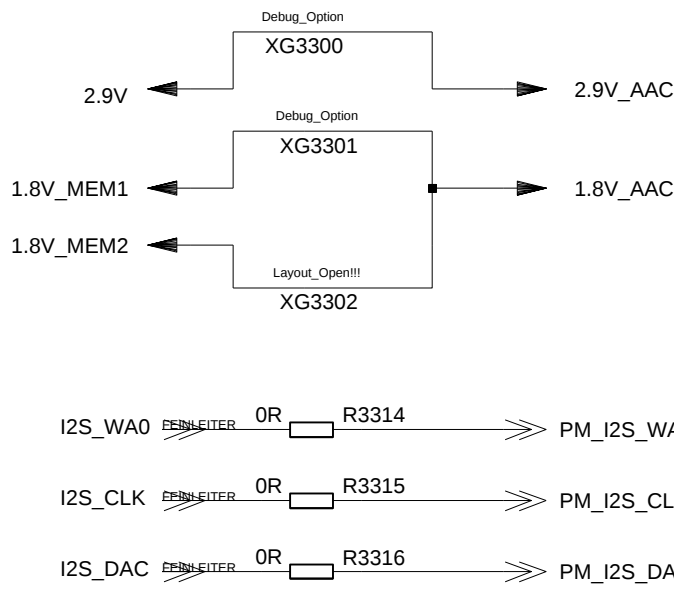
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				DATE	05.07.2004	Phoenix B1+ Board Variant V1 TOP HIERARCHY LEVEL SCHEMATIC	1:1
				USER	Kuehn		
				APPR'D			
				COM MD PD HW4 ULM			
3	26042	12.04.2005	Kue	Siemens AG		131372	netlist2
2	25048	08.03.2005	Kue				
1	22141	12.01.2005	Me				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900172407-26042)			

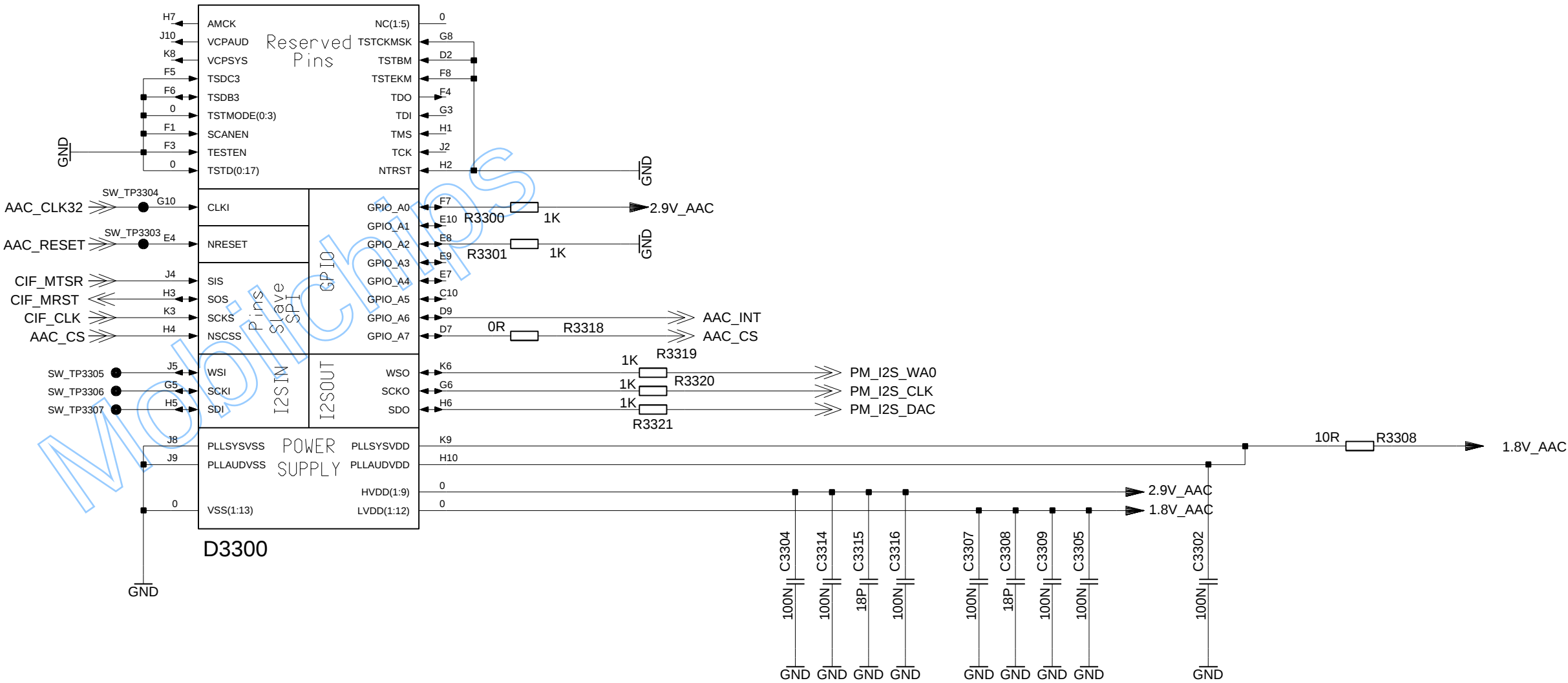
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AAC SOUND CHIP

3300-3400



SACC-S_B00B10B

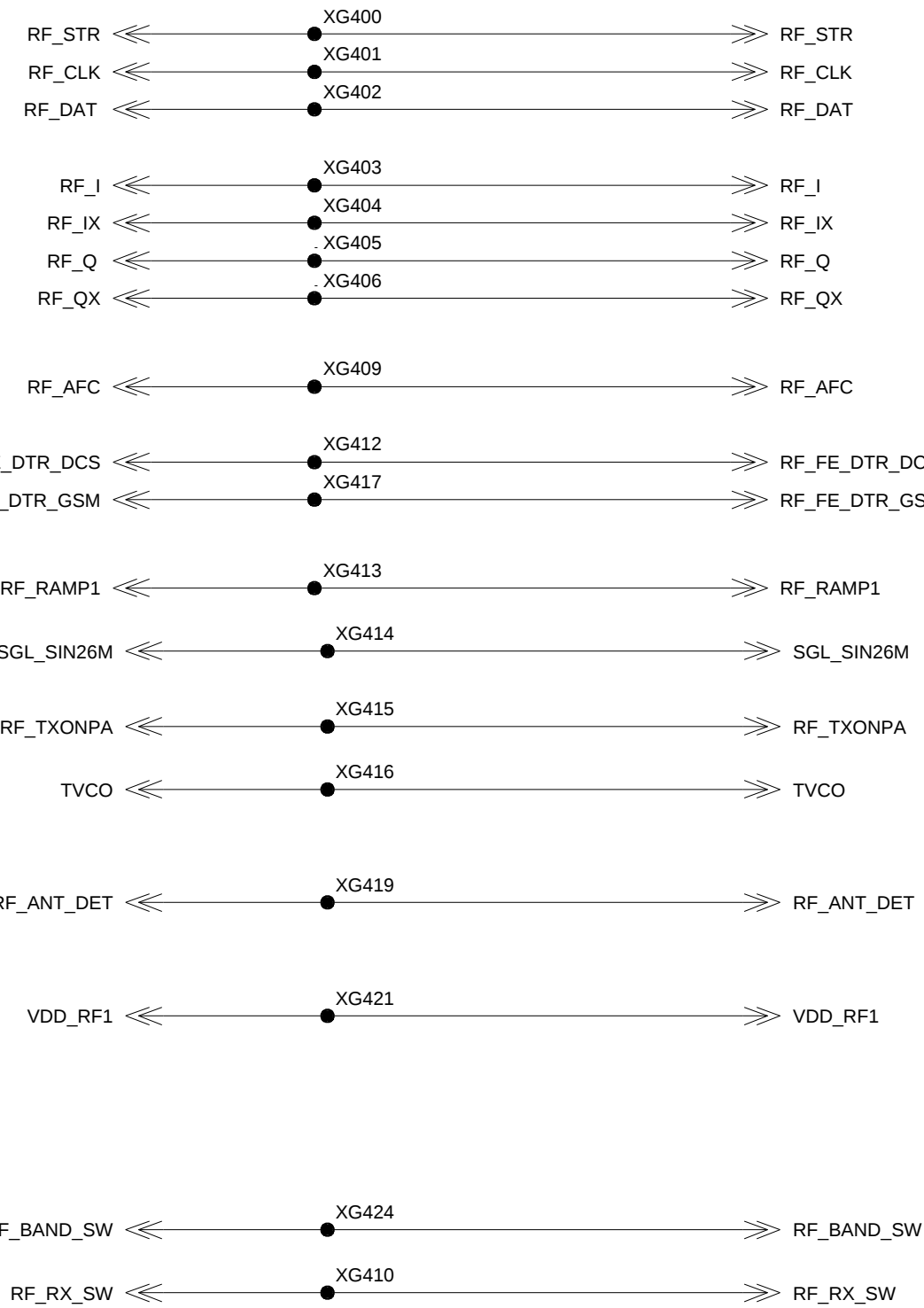


				DATE	05.07.2004	Phoenix B1+ Board Variant V1 TOP HIERARCHY LEVEL SCHEMATIC	1:1
				USER	Kuehn		
				APPR'D			
				COM MD PD HW4 ULM			
3	26042	12.04.2005	Kue	Siemens AG	131372		sheet1
2	25048	08.03.2005	Kue				
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VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900172407-26042)			

HIT_POINTS LOGIK/HF_PART_1

HIT_POINTS LOGIK/HF

400-449



TRANCEIVER ENABLE SIGNAL
TRANCEIVER CLOCK SIGNAL
TRANCEIVER DATA SIGNAL

Bidirectional analoue RX/TX modulartet signal
Baseband signals

Reference frequency correction
DCSTX enable Asic for Hitachisolution
GSMTX enable Asic for Hitachisolution

analogue power amplifier ramping signal

26 MHz reference frequency

Power up of power controller

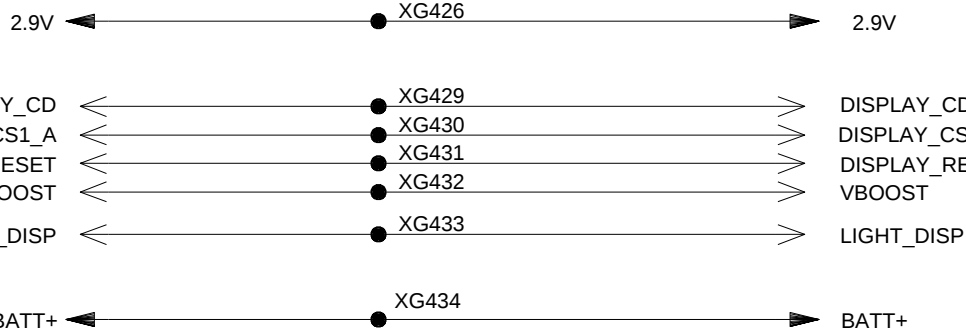
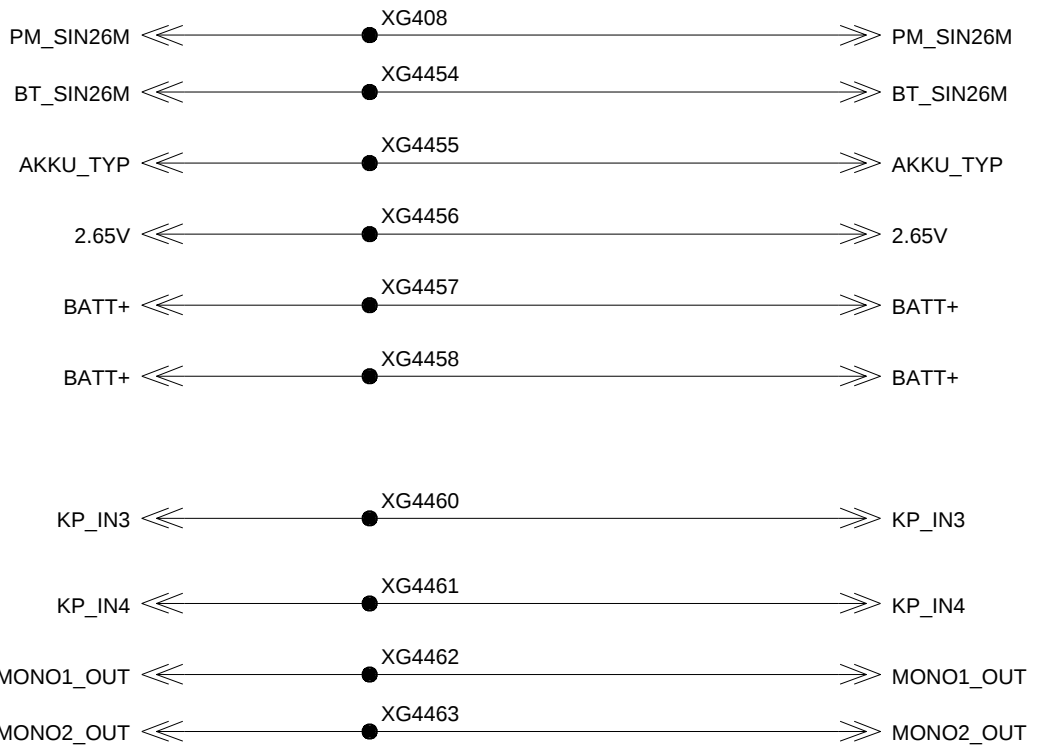
Temperature sensor X-tal

DETECTION internal/external Antenna

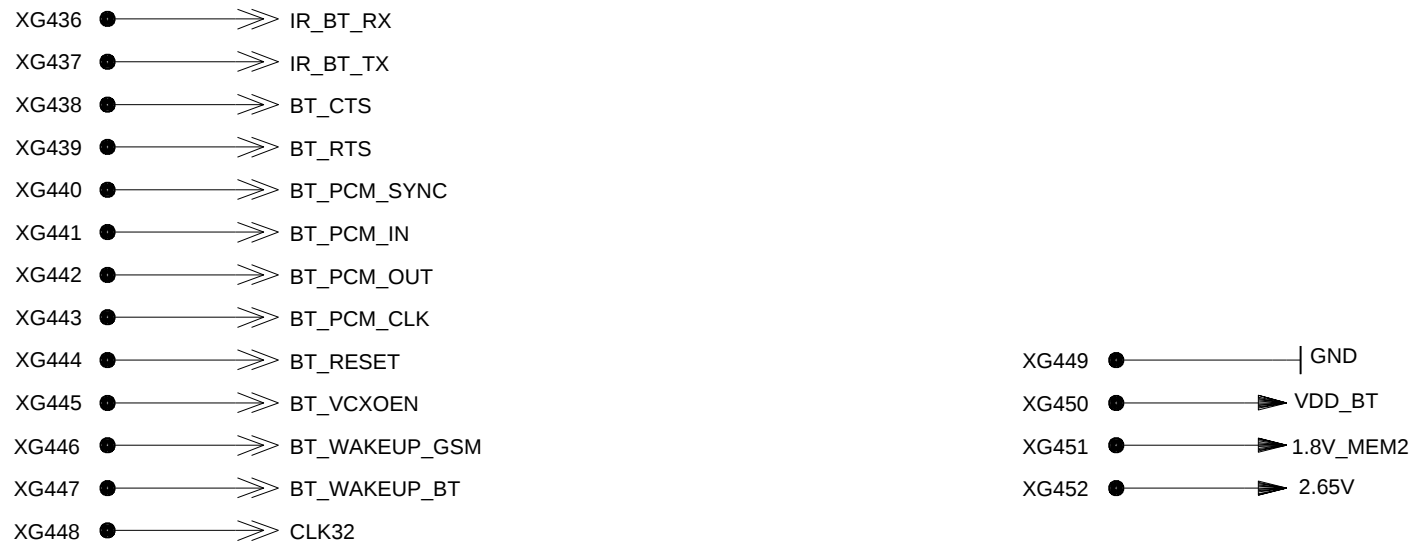
programmed voltage 1

switched LOW- / HIGH-band

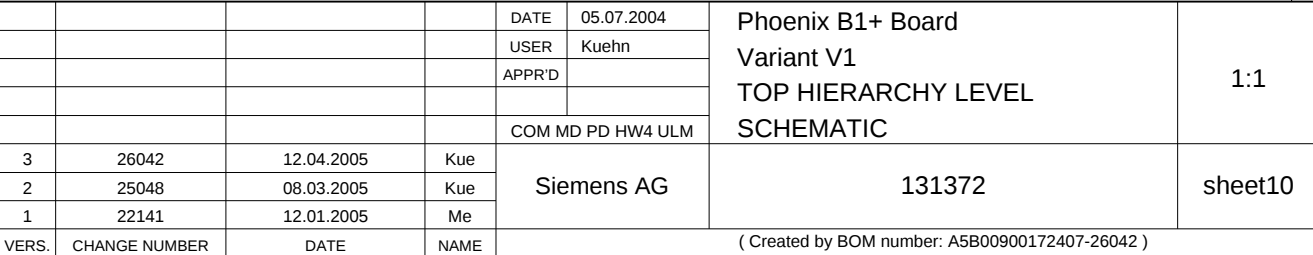
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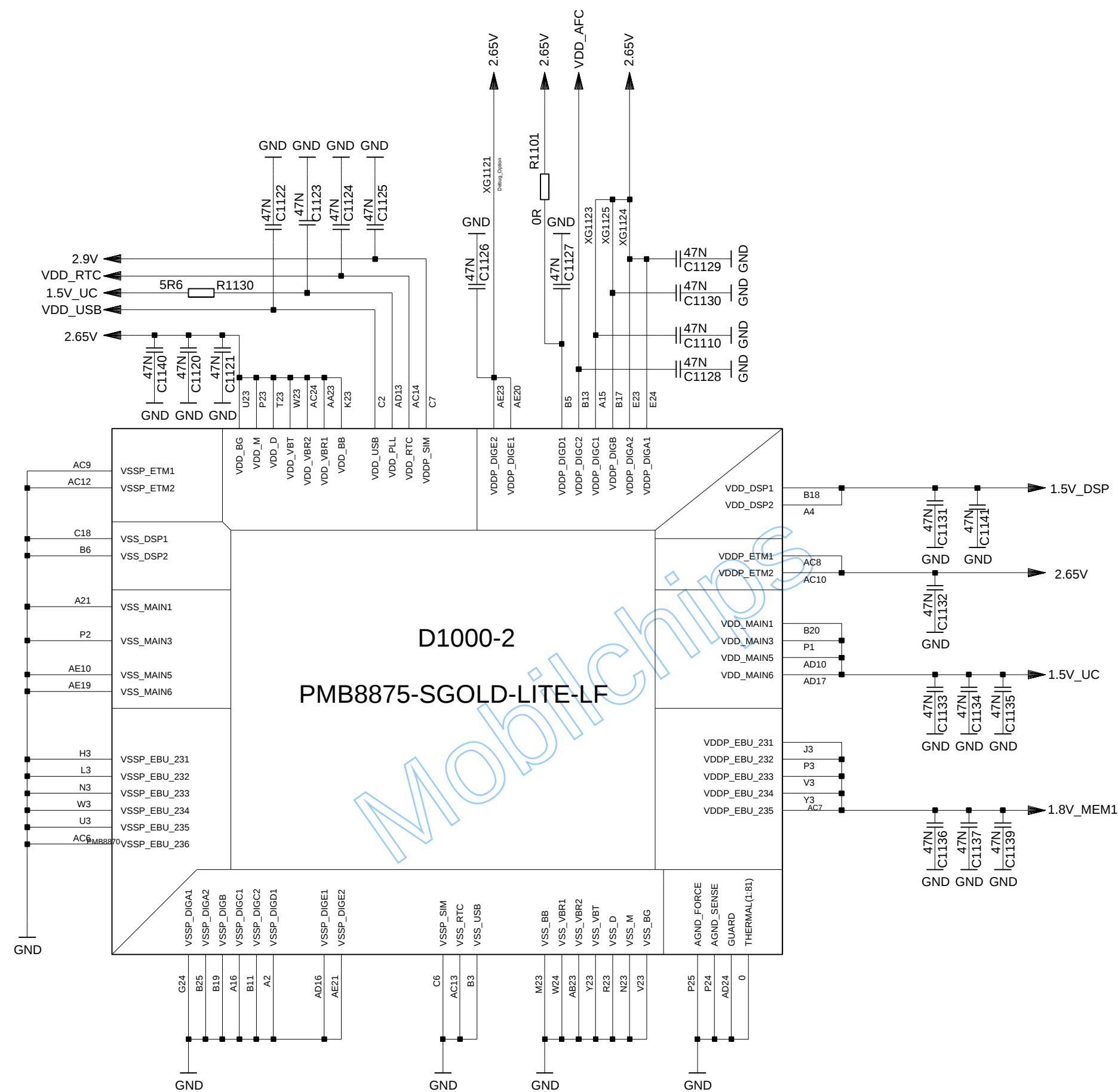


HIT_POINTS LOGIK/BLUETOOTH



				DATE	05.07.2004	Phoenix B1+ Board Variant V1 TOP HIERARCHY LEVEL SCHEMATIC	1:1
				USER	Kuehn		
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				COM MD PD HW4 ULM			
3	26042	12.04.2005	Kue	Siemens AG		131372	sheet4
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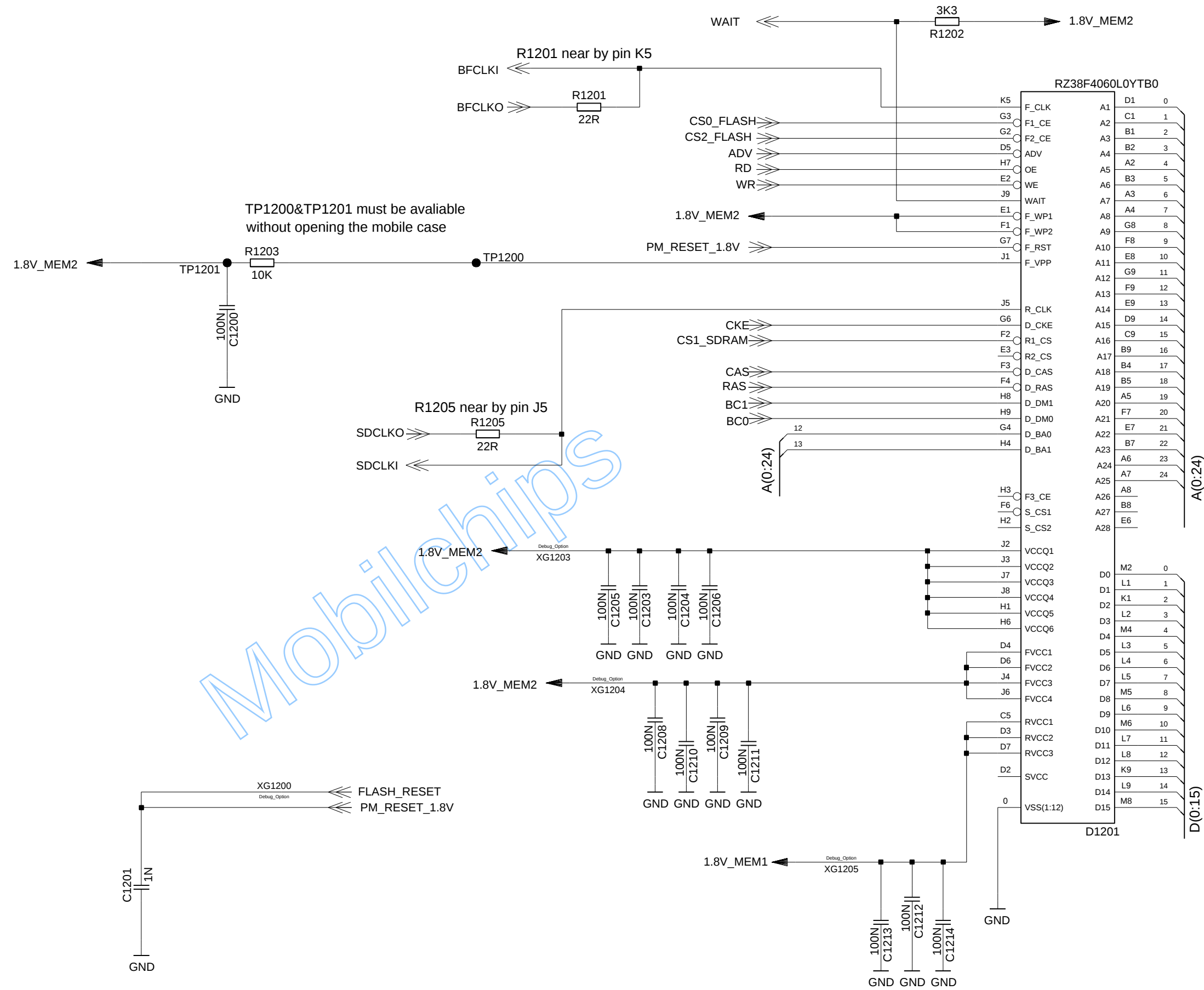




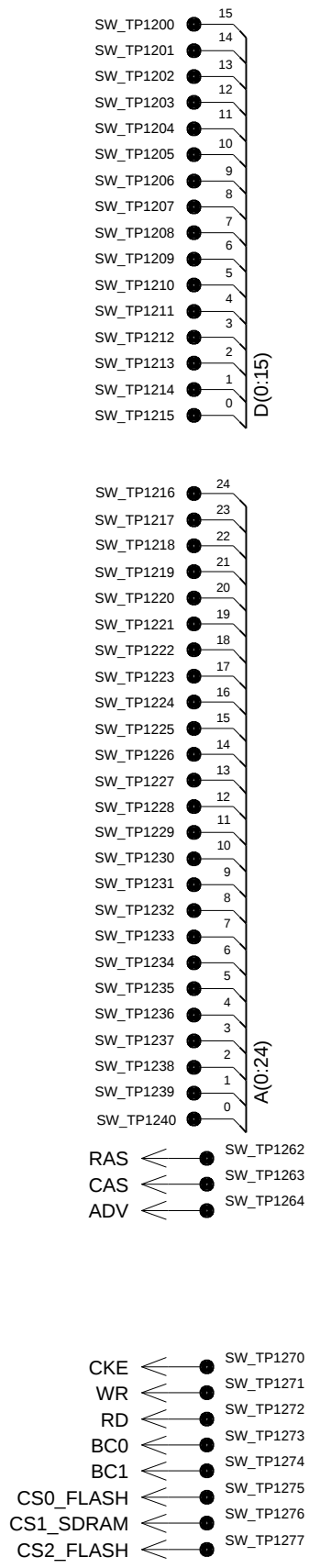
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FLASH_SDRAM

1200-1299



SW-TESTPUNKTE



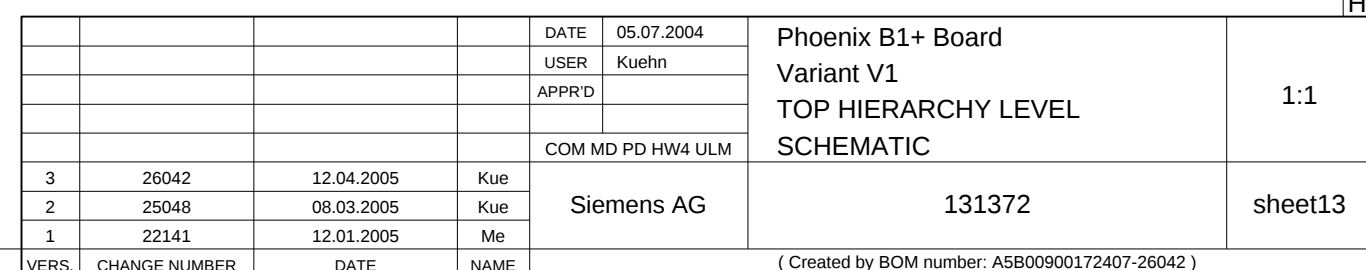
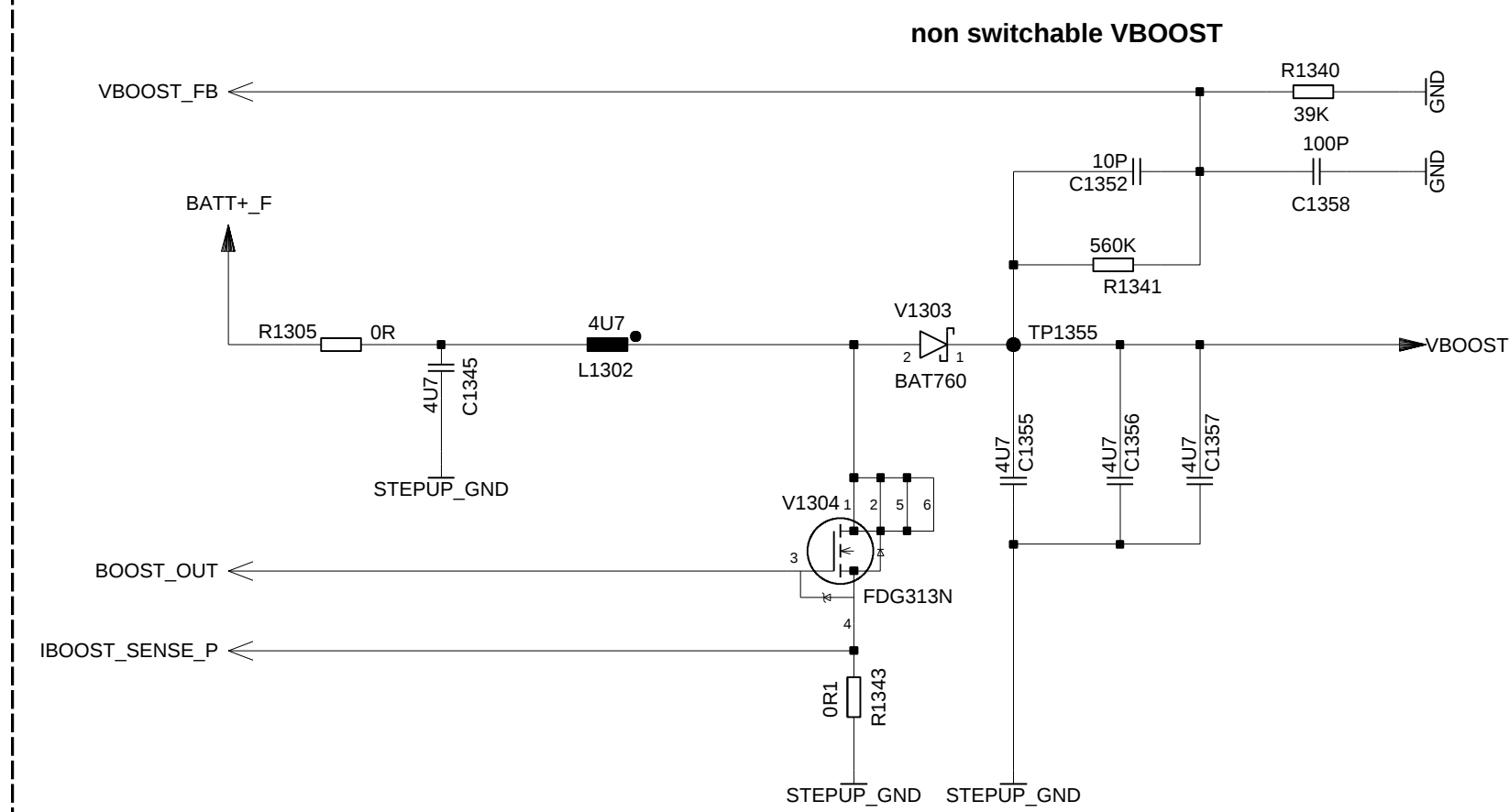
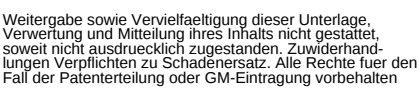
NOTES:

- 1.Place decoupling capacitor to every power ball(VCC,VCCQ) as close as possible, and one capacitor for each ball
2. Connect the power plane as short as possible via the decoupling capacitor to the power ball
3. Connect ground as close as possible to the decoupling capacitor
- 4.Please avoid branches by routing signals to more than one target(ball),
this means for every signal expecting the power connectivity's. this is very important for the clock signals.
5. The BFCLKO&BFCLKI signal is a loop line form SGOLDXXX to the memory and back to SGOLDXXX, so avoid branches here as well. the same applies to SDCLKO & SDCLKI

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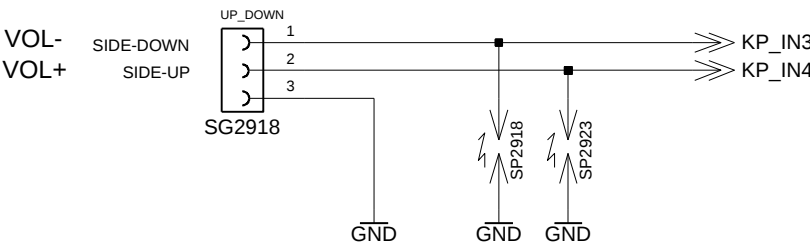
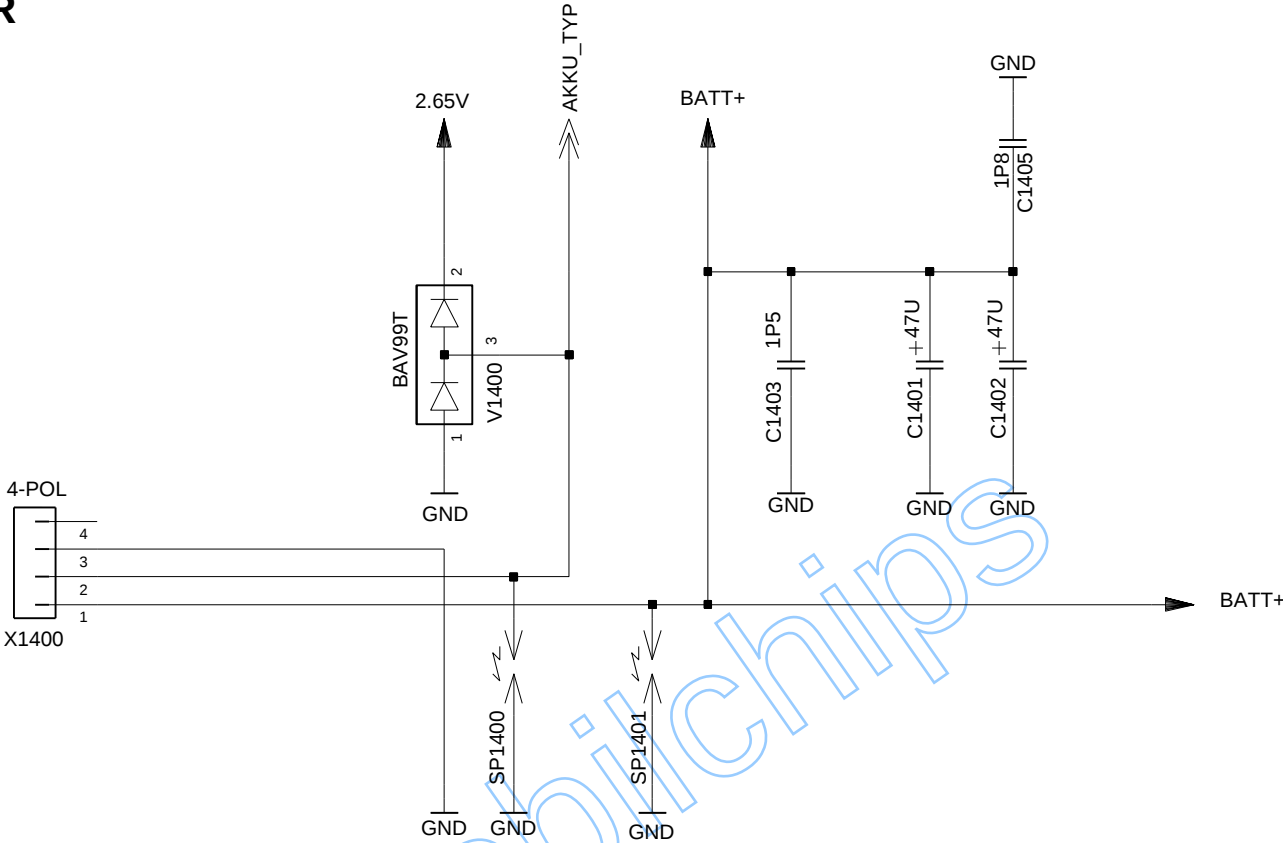
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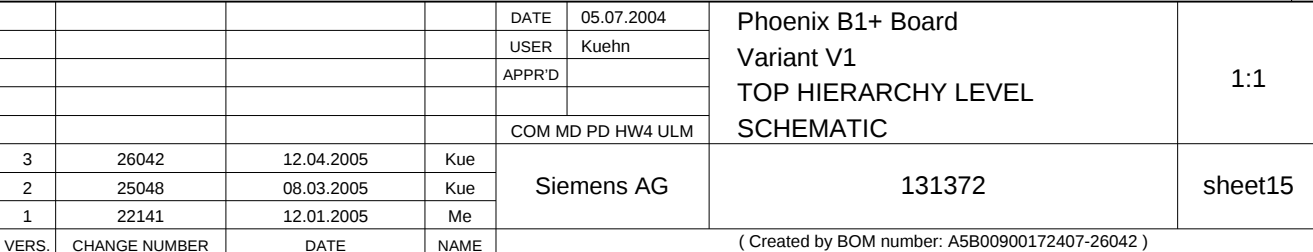
BATTERY_CONNECTOR

1400-1449

see sheet 27



				DATE	05.07.2004	Phoenix B1+ Board Variant V1 TOP HIERARCHY LEVEL SCHEMATIC	1:1
				USER	Kuehn		
				APPR'D			
				COM MD PD HW4 ULM			
3	26042	12.04.2005	Kue	Siemens AG		131372	sheet14
2	25048	08.03.2005	Kue				
1	22141	12.01.2005	Me				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900172407-26042)			

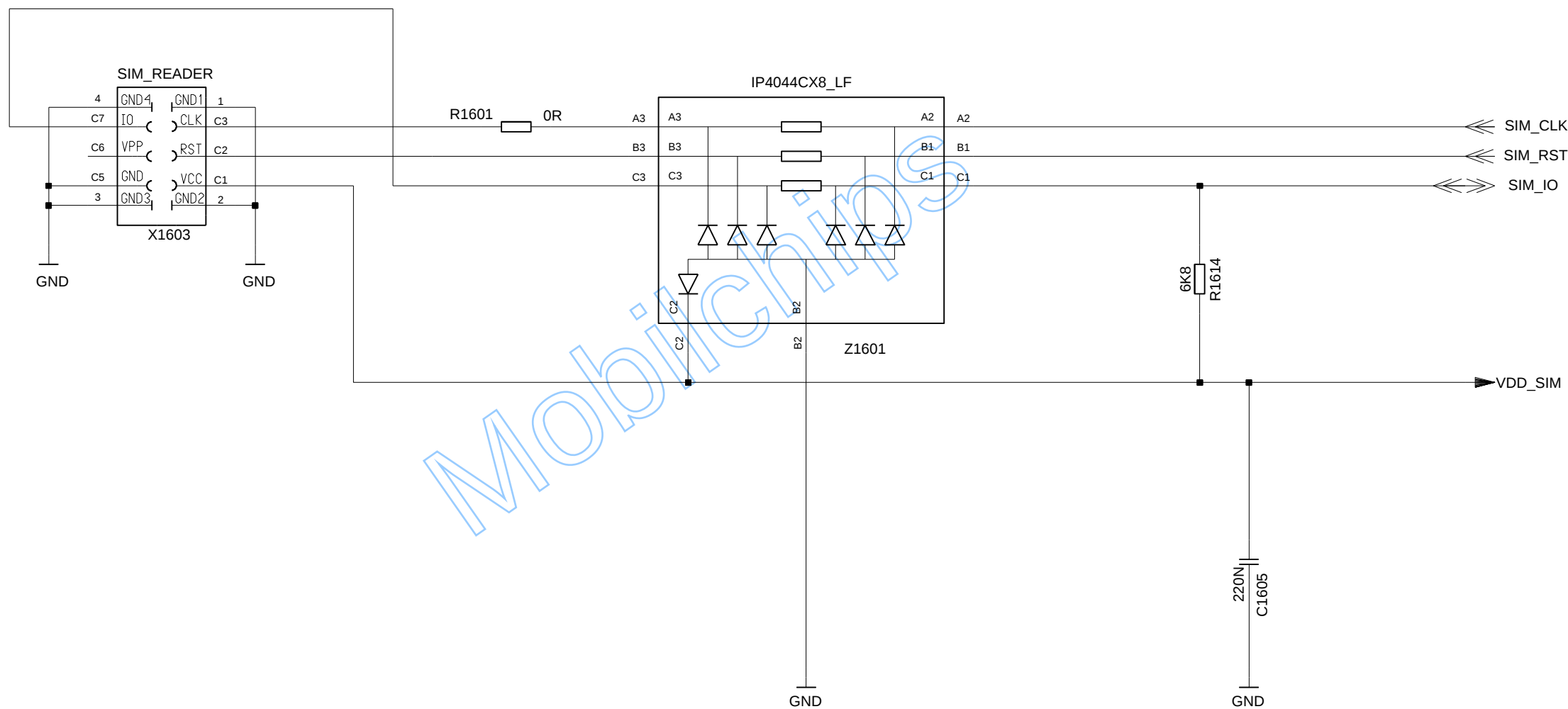


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SIM_CONNECTOR

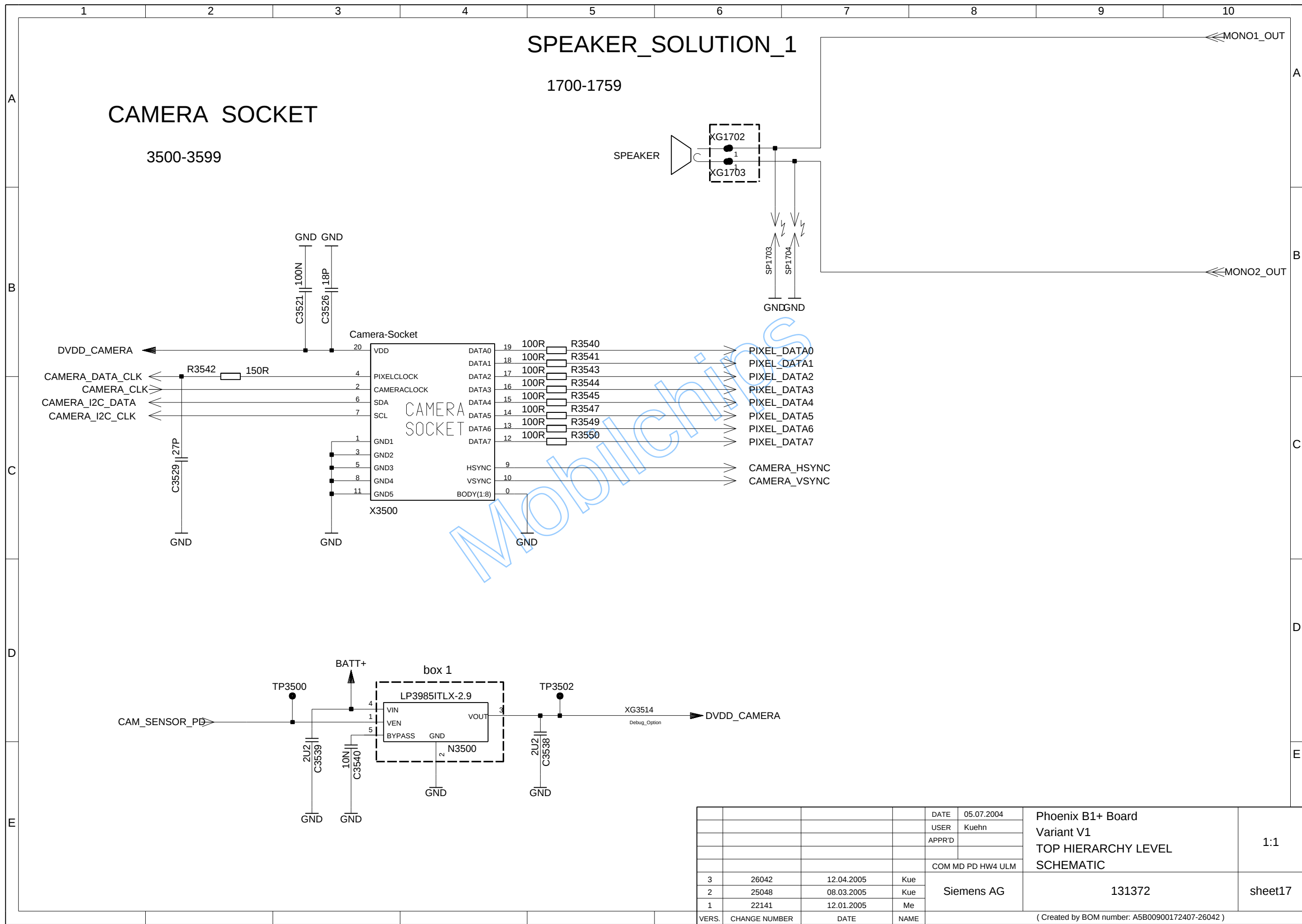
1600-1659



				DATE	05.07.2004	Phoenix B1+ Board Variant V1 TOP HIERARCHY LEVEL SCHEMATIC	1:1
				USER	Kuehn		
				APPR'D			
				COM MD PD HW4 ULM			
3	26042	12.04.2005	Kue	Siemens AG		131372	sheet16
2	25048	08.03.2005	Kue				
1	22141	12.01.2005	Me				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900172407-26042)			

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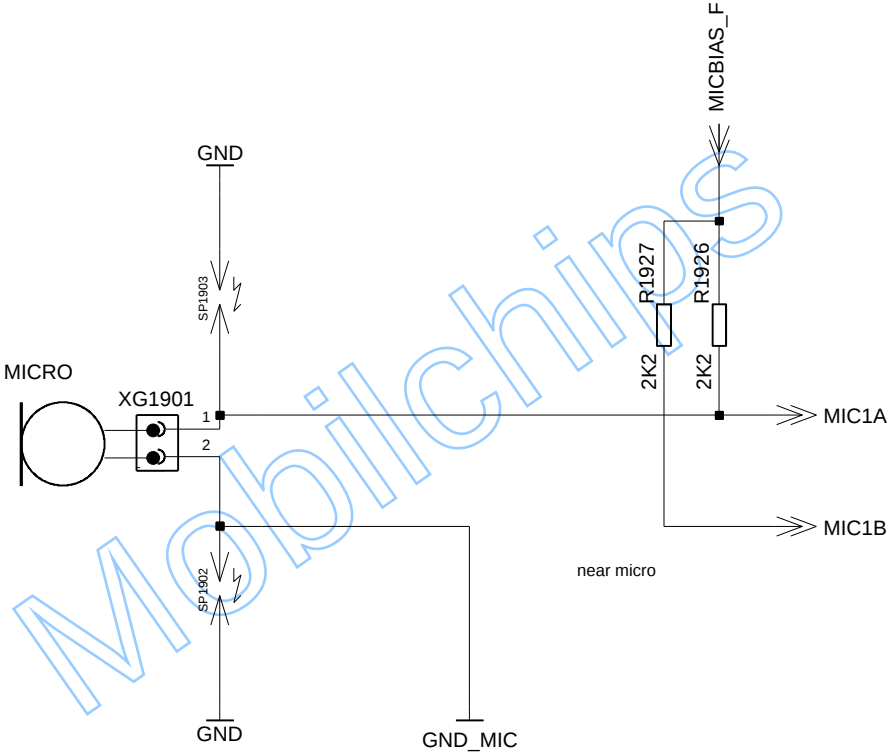
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				USER	Kuehn		
				APPR'D			
				COM MD PD HW4 ULM			
3	26042	12.04.2005	Kue	Siemens AG		131372	sheet17
2	25048	08.03.2005	Kue				
1	22141	12.01.2005	Me				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900172407-26042)			

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MICROPHONE_CIRCUIT_1

1900-1999

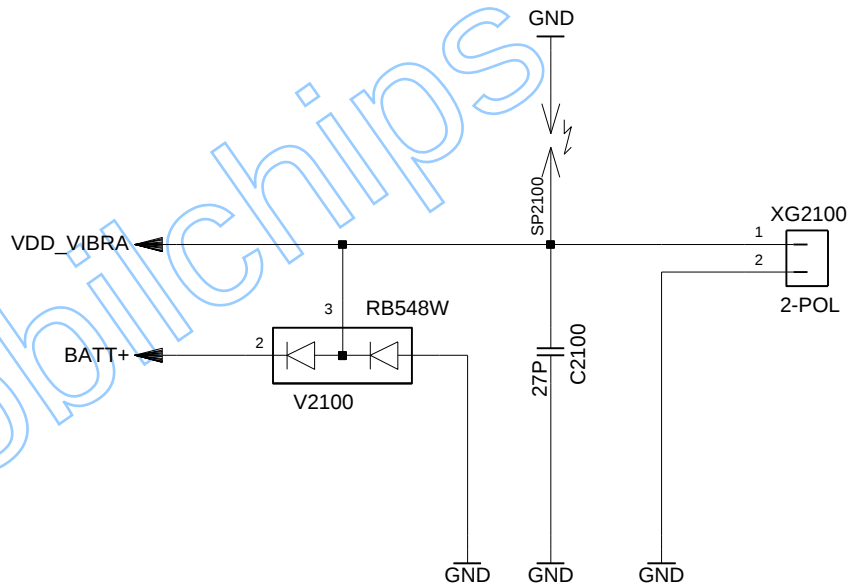


				DATE	05.07.2004	Phoenix B1+ Board Variant V1 TOP HIERARCHY LEVEL SCHEMATIC	1:1
				USER	Kuehn		
				APPR'D			
				COM MD PD HW4 ULM			
3	26042	12.04.2005	Kue	Siemens AG		131372	sheet19
2	25048	08.03.2005	Kue				
1	22141	12.01.2005	Me				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900172407-26042)			

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VIBRA
2100-2125

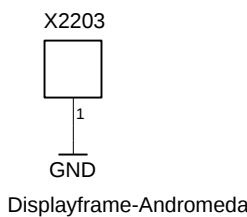
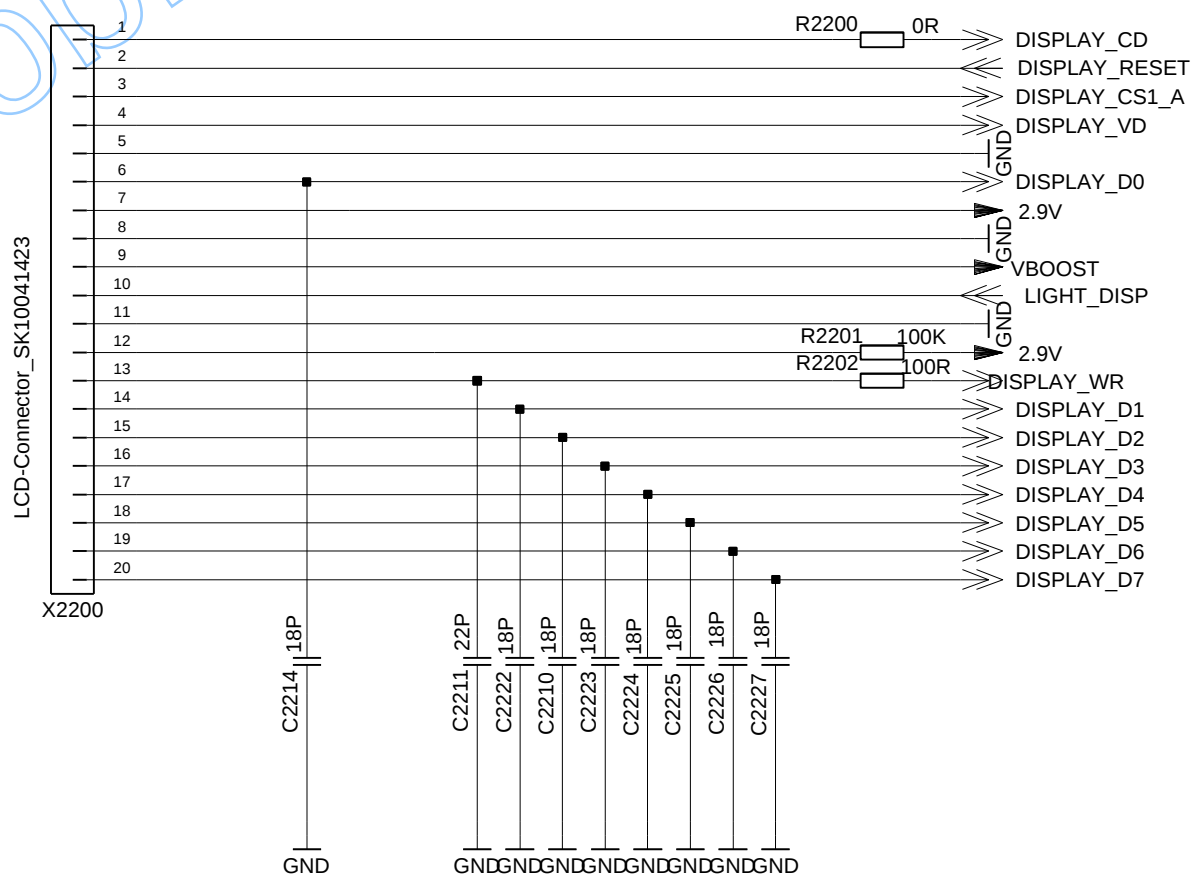


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				USER	Kuehn		
				APPR'D			
				COM MD PD HW4 ULM			
3	26042	12.04.2005	Kue	Siemens AG		131372	sheet21
2	25048	08.03.2005	Kue				
1	22141	12.01.2005	Me				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900172407-26042)			

DISPLAY_CONNECTOR

2200-2299

Mobilchips



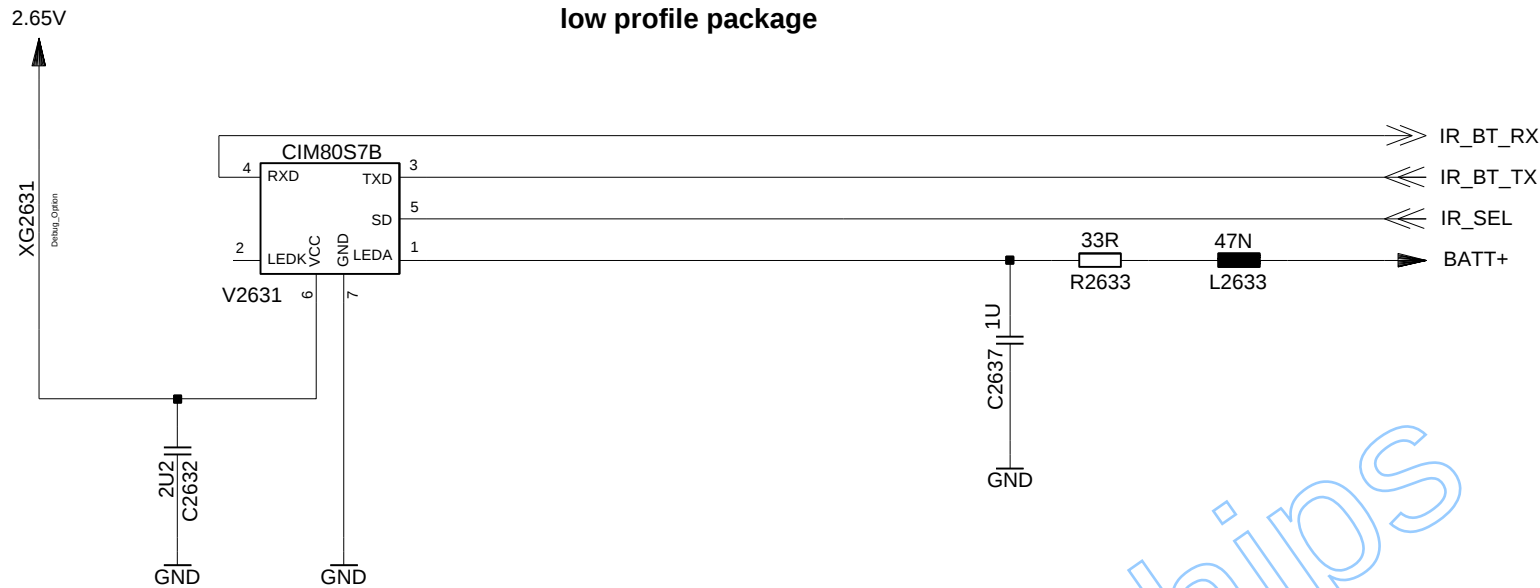
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				USER	Kuehn		
				APPR'D			
				COM MD PD HW4 ULM			
3	26042	12.04.2005	Kue	Siemens AG		131372	sheet22
2	25048	08.03.2005	Kue				
1	22141	12.01.2005	Me				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900172407-26042)			

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IRDA

2600-2699



				DATE	05.07.2004	Phoenix B1+ Board Variant V1 TOP HIERARCHY LEVEL SCHEMATIC	1:1
				USER	Kuehn		
				APPR'D			
				COM MD PD HW4 ULM			
3	26042	12.04.2005	Kue	Siemens AG		131372	sheet26
2	25048	08.03.2005	Kue				
1	22141	12.01.2005	Me				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900172407-26042)			

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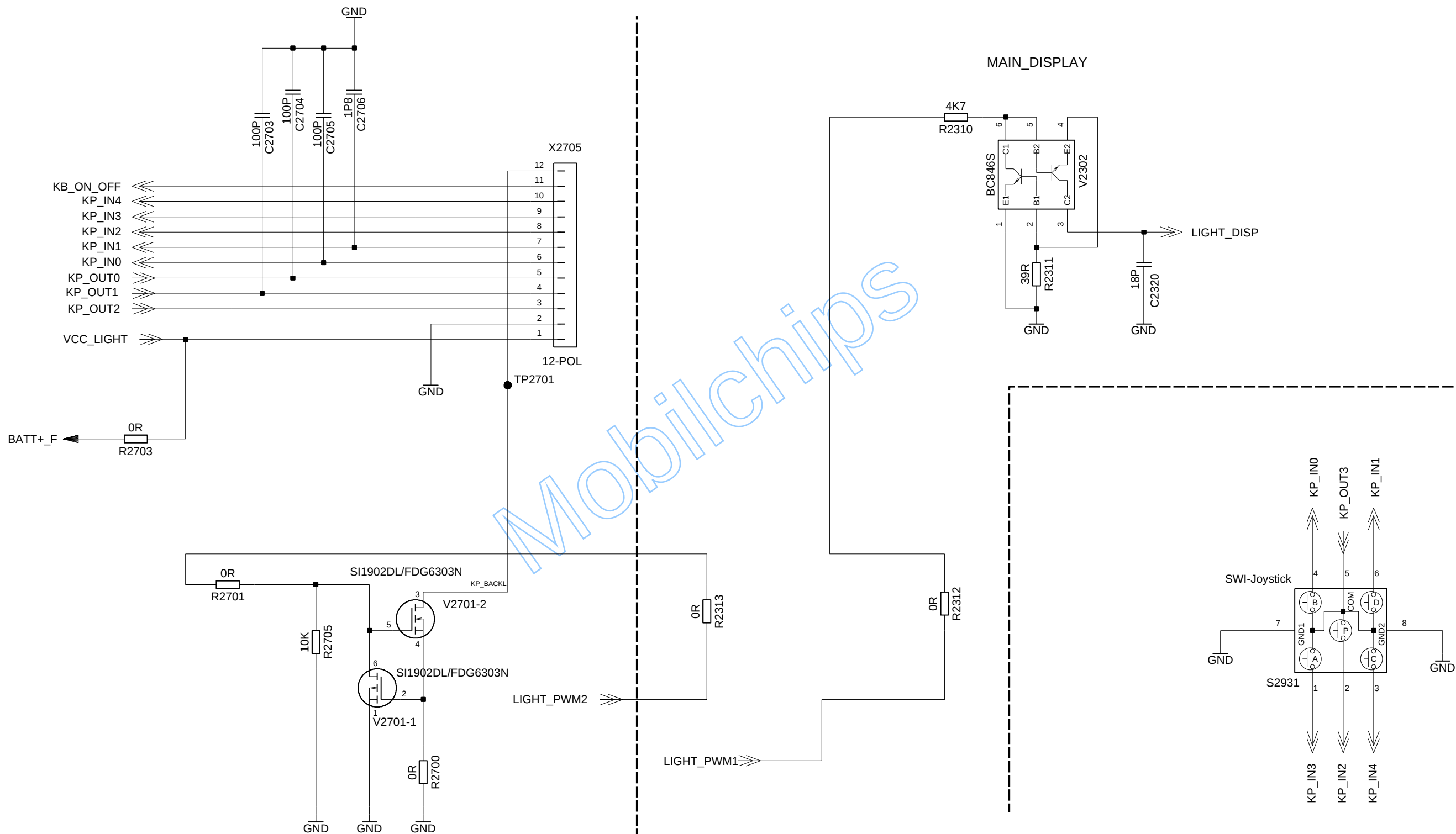
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MMI_CONNECTOR

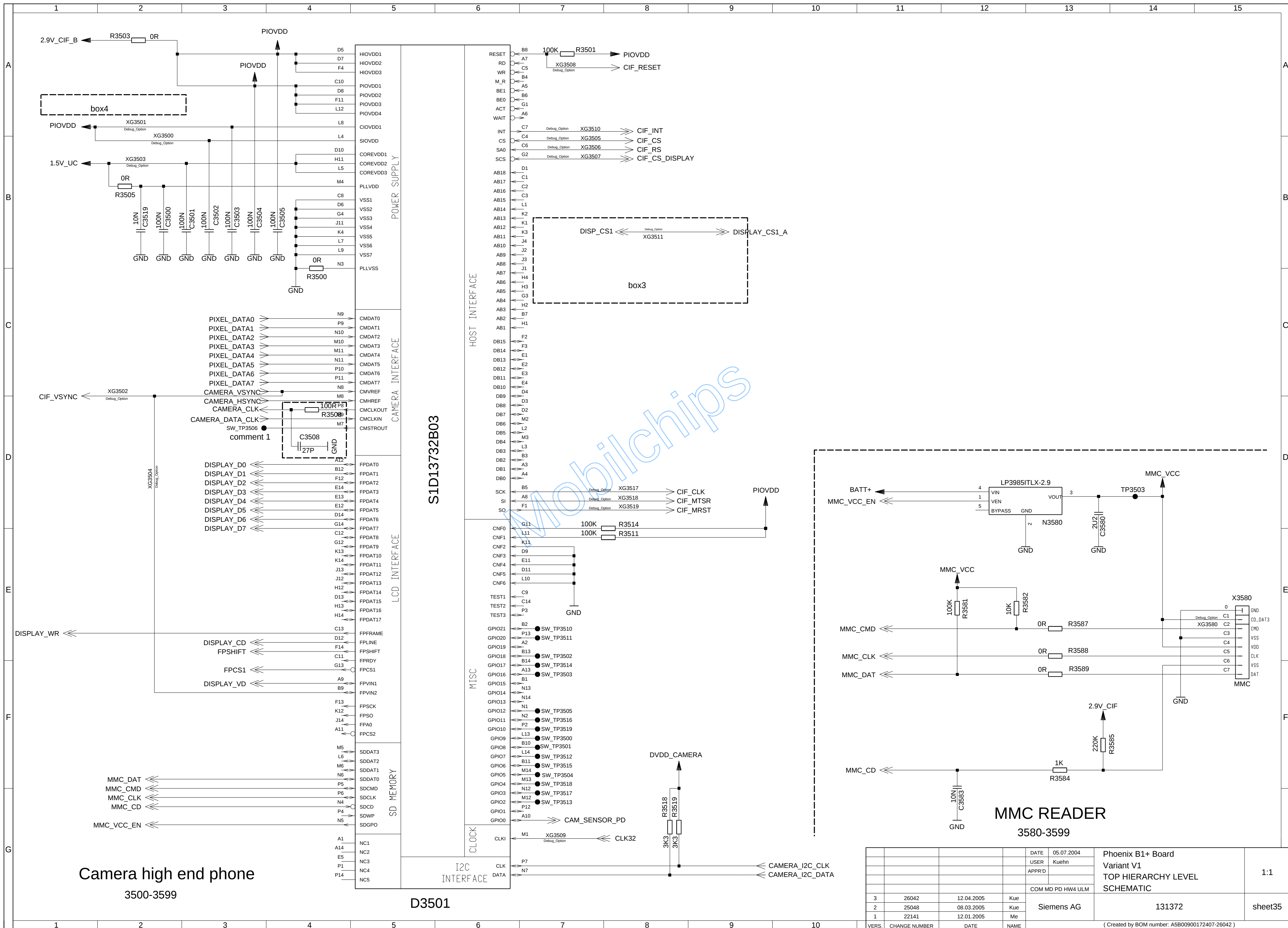
BOARD TO BOARD CONNECTOR

DISPLAY_BACKLIGHT

2300-2399



				DATE	05.07.2004	Phoenix B1+ Board Variant V1 TOP HIERARCHY LEVEL SCHEMATIC	1:1
				USER	Kuehn		
				APPR'D			
				COM MD PD HW4 ULM			
3	26042	12.04.2005	Kue	Siemens AG		131372	sheet27
2	25048	08.03.2005	Kue				
1	22141	12.01.2005	Me				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900172407-26042)			



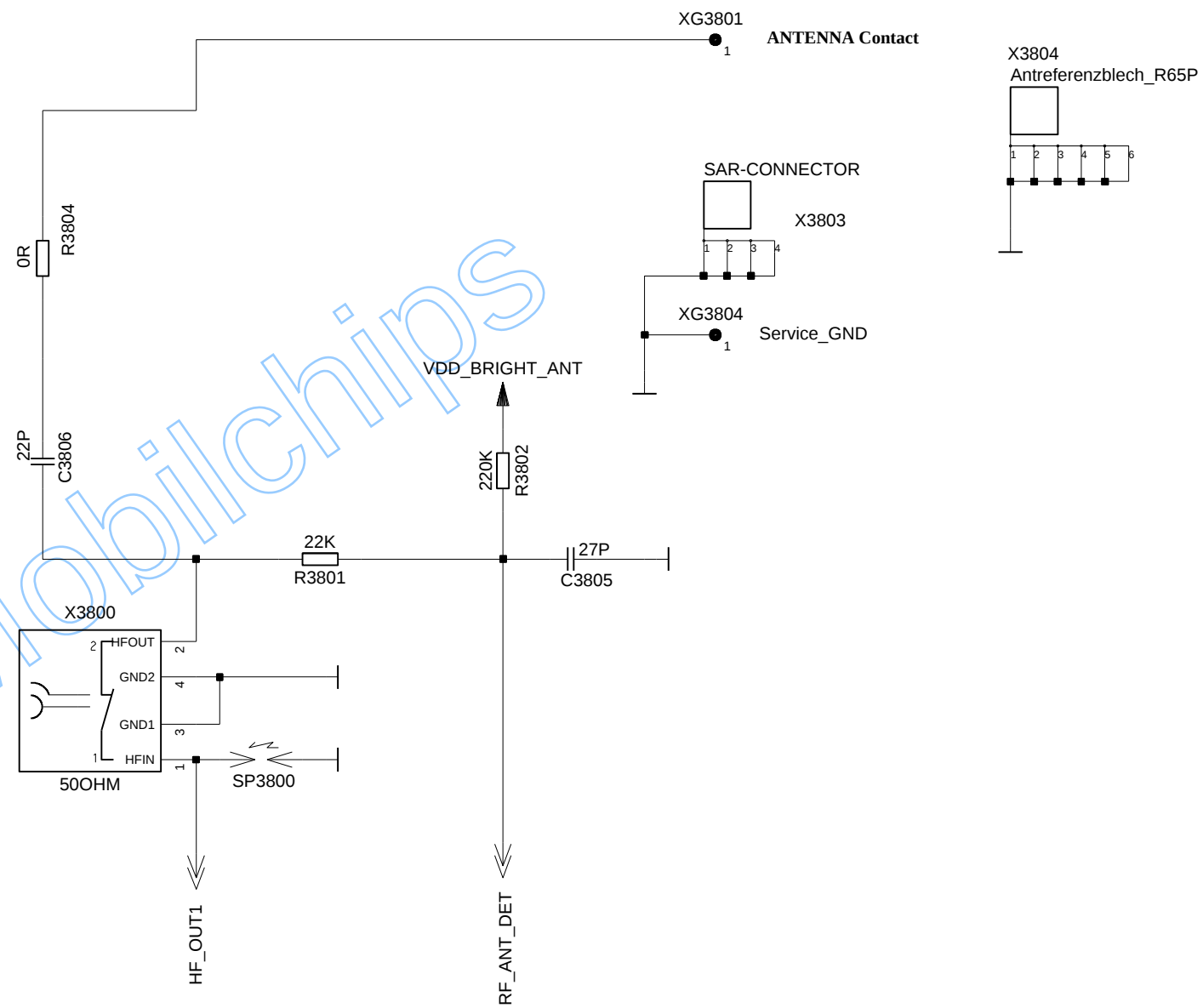
				DATE	05.07.2004	Phoenix B1+ Board Variant V1 TOP HIERARCHY LEVEL SCHEMATIC	1:1
				USER	Kuehn		
				APPR'D			
				COM MD PD HW4 ULM			
3	26042	12.04.2005	Kue	Siemens AG		131372	sheet35
2	25048	08.03.2005	Kue				
1	22141	12.01.2005	Me				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900172407-26042)			

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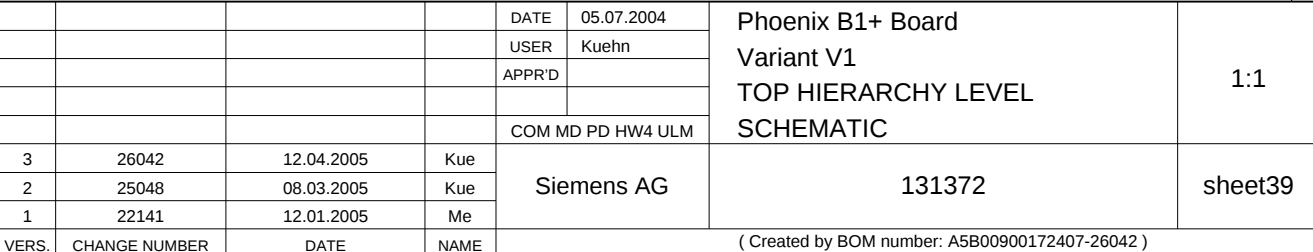
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ANTENNA_CIRCUIT

3800-3849



				DATE	05.07.2004	Phoenix B1+ Board Variant V1 TOP HIERARCHY LEVEL SCHEMATIC	1:1
				USER	Kuehn		
				APPR'D			
				COM MD PD HW4 ULM			
3	26042	12.04.2005	Kue	Siemens AG		131372	sheet38
2	25048	08.03.2005	Kue				
1	22141	12.01.2005	Me				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900172407-26042)			

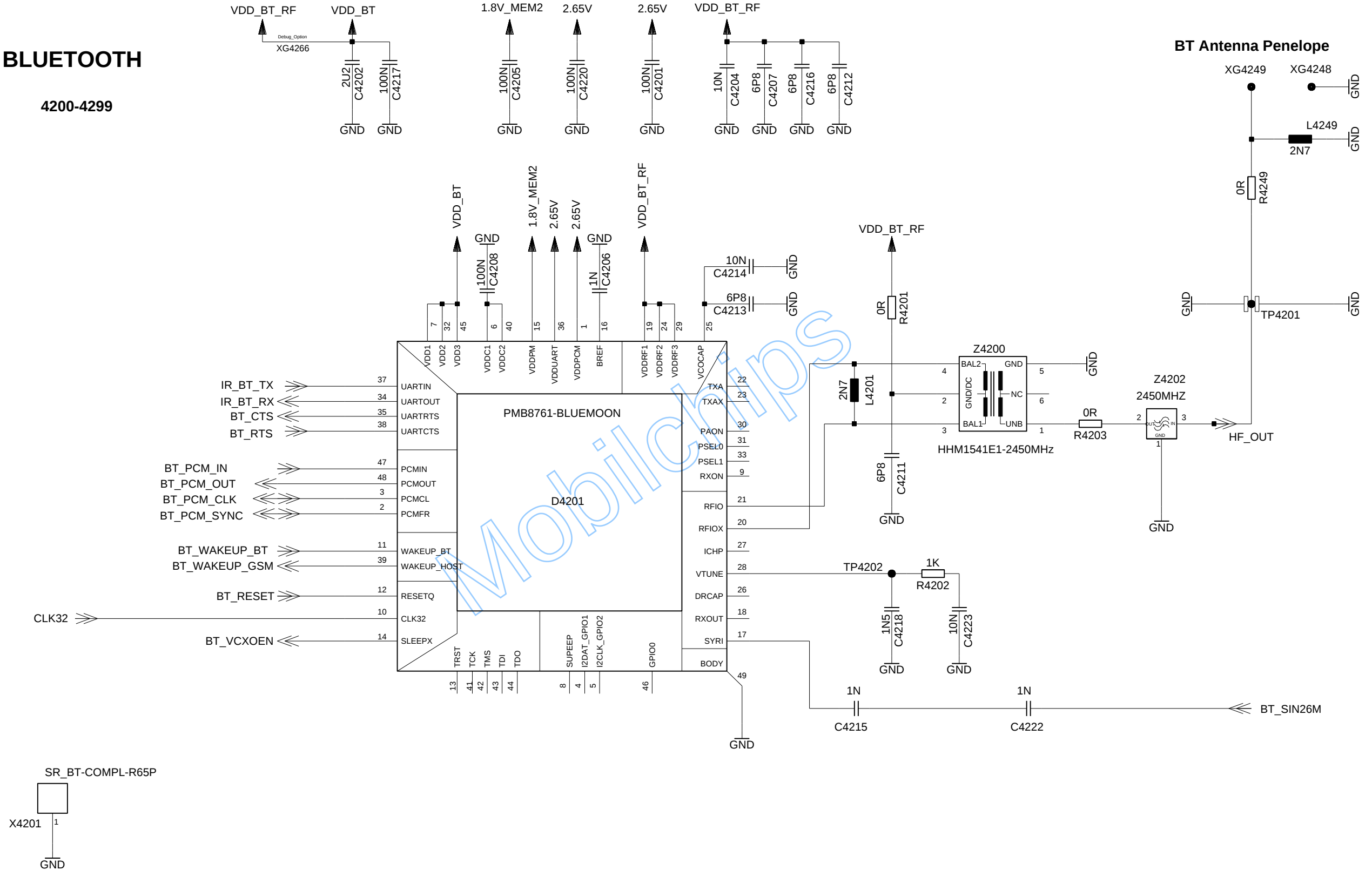


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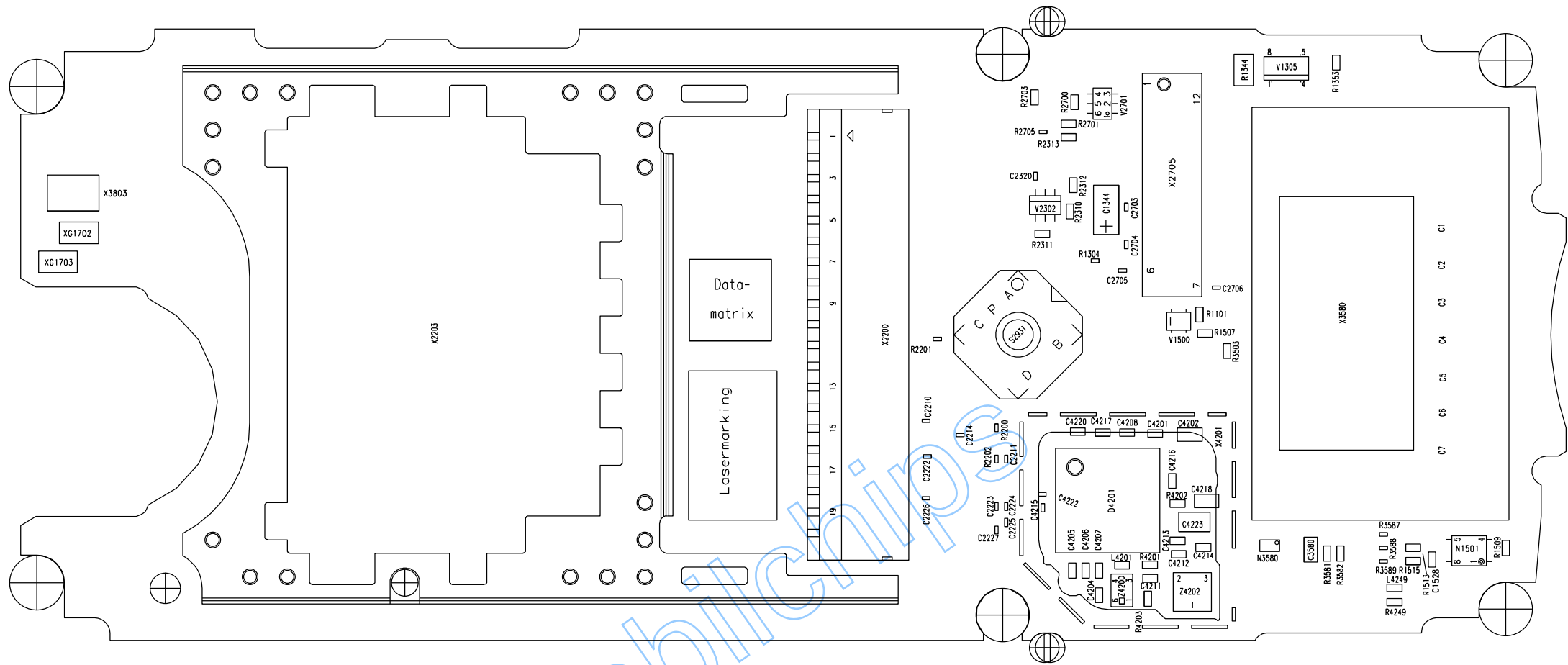
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BLUETOOTH

4200-4299



				DATE	05.07.2004	Phoenix B1+ Board Variant V1 TOP HIERARCHY LEVEL SCHEMATIC	1:1
				USER	Kuehn		
				APPR'D			
				COM MD PD HW4 ULM			
3	26042	12.04.2005	Kue	Siemens AG	131372		sheet42
2	25048	08.03.2005	Kue				
1	22141	12.01.2005	Me				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900172407-26042)			



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C1528	9C	N3580	8C	X3580	9C
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C2211	7B	R1304	7B	X4201	8C
C2214	6B	R1344	8A	Z4200	7C
C2222	6B	R1353	8A	Z4202	8C
C2223	7B	R1507	8B		
C2224	7B	R1509	9C		
C2225	7C	R1513	9C		
C2226	6B	R1515	9C		
C2227	7C	R2200	7B		
C2320	7A	R2201	6B		
C2703	7A	R2202	7B		
C2704	7B	R2310	7A		
C2705	7B	R2311	7B		
C2706	8B	R2312	7A		
C3580	8C	R2313	7A		
C4201	7B	R2700	7A		
C4202	8B	R2701	7A		
C4204	7C	R2703	7A		
C4205	7C	R2705	7A		
C4206	7C	R3503	8B		
C4207	7C	R3581	8C		
C4208	7B	R3582	8C		
C4211	7C	R3587	9C		
C4212	7C	R3588	9C		
C4213	7C	R3589	9C		
C4214	8C	R4201	7C		
C4215	7C	R4202	8B		
C4216	7B	R4203	7C		
C4217	7B	R4249	9C		
C4218	8B	S2931	7B		
C4220	7B	V1305	8A		
C4222	7B	V1500	7B		
C4223	8C	V2302	7A		
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L4201	7C	X2200	6C		
L4249	9C	X2203	2A		

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

				DATE	05.07.2004	Phoenix B1+ Board Variant V1 WIRING DIAGRAMM (SOLDER SIDE 1)	3:1
				NAME	Kuehn		
				APPR'D			
				STD			
				COM MD PD HW4 ULM		SIEMENS AG	SHEET 1+
3	26042	12.04.2005	Kue				
2	25048	08.03.2005	Kue				
1	22141	12.01.2005	Me				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900172407-26042)			

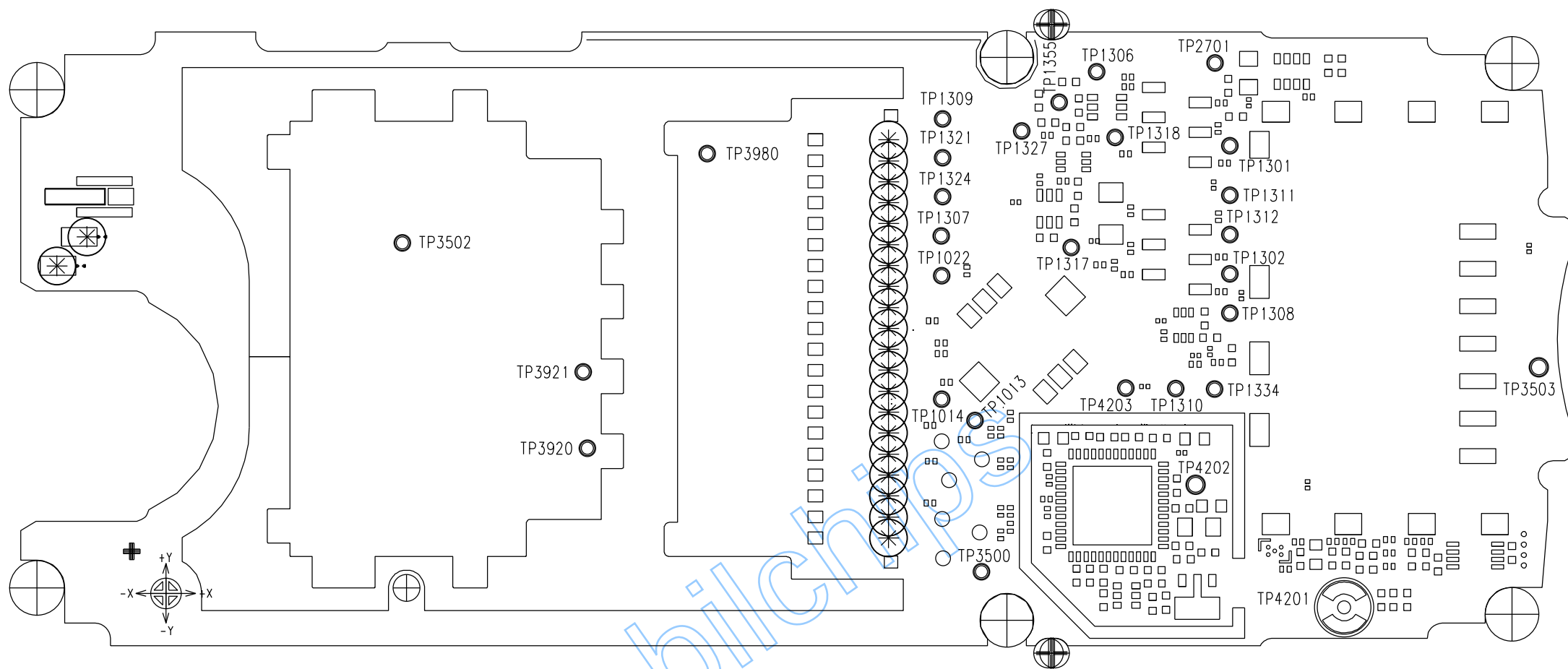
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C1001	4C	C1213	3A	C1355	5B	C3508	3C	C3949	6B	N3500	7A	R1399	4B	R3550	8B	Z1000	4C
C1002	4C	C1214	3A	C1356	5B	C3519	3C	C3960	6C	N3901	7A	R1500	2A	R3584	3B	Z1500	2B
C1003	4C	C1301	4A	C1357	5B	C3521	8B	C3961	6C	N3921	7B	R1501	2B	R3585	3B	Z1601	6B
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C1037	4B	C1306	4A	C1374	4A	C3540	7A	C3982	6A	R1018	5B	R1512	2B	R3922	7B		
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C1125	4B	C1313	4A	C1501	2B	C3904	7B	C3993	6A	R1027	3C	R2633	2C	R3961	6C		
C1126	4C	C1314	4A	C1502	2B	C3905	7B	C3994	6B	R1039	5B	R3300	3A	R3962	7C		
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C1136	3C	C1330	4B	C2637	2C	C3925	7B	L1301	5A	R1202	3B	R3500	3C	V1302	5A		
C1137	3B	C1331	3A	C3302	3A	C3926	7C	L1302	5B	R1203	3B	R3501	3B	V1303	5B		
C1139	3B	C1332	3A	C3304	3A	C3927	7B	L1503	2B	R1205	3B	R3505	3C	V1304	5B		
C1140	5B	C1333	3A	C3305	3A	C3928	7B	L1504	2B	R1300	4A	R3508	3C	V1400	5A		
C1141	4B	C1334	3A	C3307	3A	C3929	7B	L1505	2B	R1302	4B	R3511	3C	V2100	2C		
C1200	2B	C1337	3A	C3308	3A	C3930	7B	L2633	3C	R1303	4B	R3514	3B	V2631	3C		
C1201	3B	C1338	3B	C3309	3A	C3931	7B	L3901	7B	R1305	4A	R3518	7B	V3961	6C		
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C1204	3B	C1340	4A	C3315	3A	C3933	6B	L3919	8A	R1328	4A	R3540	8B	X1001	2A		
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C1206	2B	C1343	4A	C3500	3C	C3935	7C	L3922	6B	R1341	4B	R3542	8B	X1504	2B		
C1208	2B	C1345	5B	C3501	3C	C3937	6B	L3923	7B	R1343	4B	R3543	8B	X1603	6B		
C1209	2B	C1347	4A	C3502	3C	C3938	6B	L3924	6B	R1362	3A	R3544	8B	X3500	7B		
C1210	2B	C1348	4A	C3503	3C	C3939	7B	L3981	6A	R1370	4B	R3545	8B	X3800	8A		
C1211	2B	C1352	4B	C3504	3B	C3940	7B	L3982	6B	R1371	4B	R3547	8B	X3804	9C		

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

				DATE	05.07.2004	Phoenix B1+ Board Variant V1 WIRING DIAGRAMM (SOLDER SIDE 2)	3:1
				NAME	Kuehn		
				APPR'D			
				STD			
				COM MD PD HW4 ULM			
3	26042	12.04.2005	Kue	SIEMENS AG		131373	SHEET 2+
2	25048	08.03.2005	Kue				
1	22141	12.01.2005	Me				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900172407-26042)			

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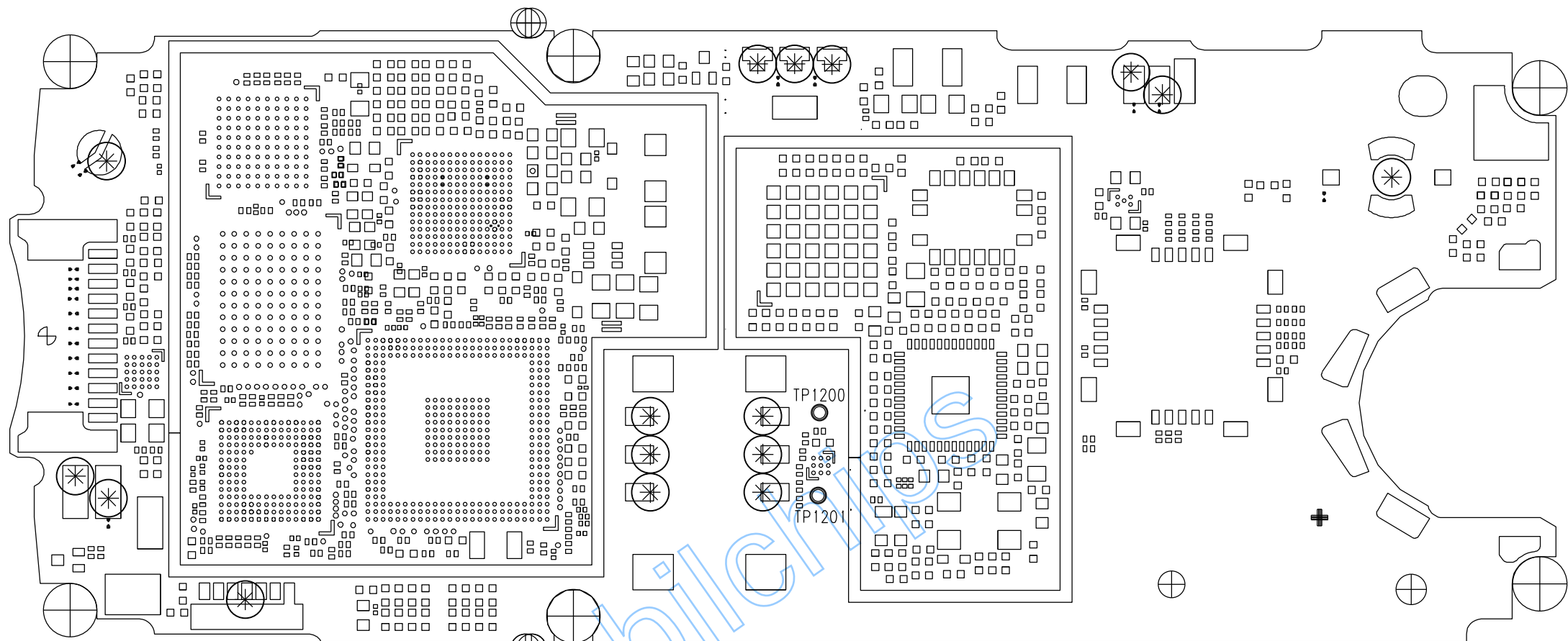
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TP1324	6A
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TP1334	8B
TP1355	7A
TP2701	8A
TP3500	6C
TP3502	3B
TP3503	9B
TP3920	4B
TP3921	4B
TP3980	5A
TP4201	8C
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TP4203	7B

				DATE	05.07.2004	Phoenix B1+ Board Variant V1 TESTPOINT DIAGRAMM (SIDE 1)	3:1
				NAME	Kuehn		
				APPR'D			
				STD			
				COM MD PD HW4 ULM			
3	26042	12.04.2005	Kue	SIEMENS AG		131374	SHEET 1+
2	25048	08.03.2005	Kue				
1	22141	12.01.2005	Me				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900172407-26042)			

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ALLE RECHTE VORBEHALTEN

TP1200 6B
TP1201 6C



				DATE	05.07.2004	Phoenix B1+ Board Variant V1 TESTPOINT DIAGRAMM (SIDE 2)	3:1
				NAME	Kuehn		
				APPR'D			
				STD			
				COM MD PD HW4 ULM			
3	26042	12.04.2005	Kue	SIEMENS AG		131374	SHEET 2-
2	25048	08.03.2005	Kue				
1	22141	12.01.2005	Me				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900172407-26042)			