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Confidential Copyright © Siemens AG										
				DATE	27.05.2004	NEO Mainboard B2.2 Q4960-A8 TOP HIERARCHY LEVEL SCHEMATIC			1:1	
				USER	Bartenschl.					
				APPR'D						
					HW4 MCH1					
						Siemens AG			80615	index
2	17007	28.07.2004	bar							
1	16363	30.06.2004	bar							
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900155657-17007)						

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A	C961 /sheet9 2 B	C1308 /sheet13 3 D	C1400 /sheet14 5 B	C3940 /sheet39 13 D	R1014 /sheet10 10 B	R3105 /sheet31 3 A	TP1309 /sheet13 8 B
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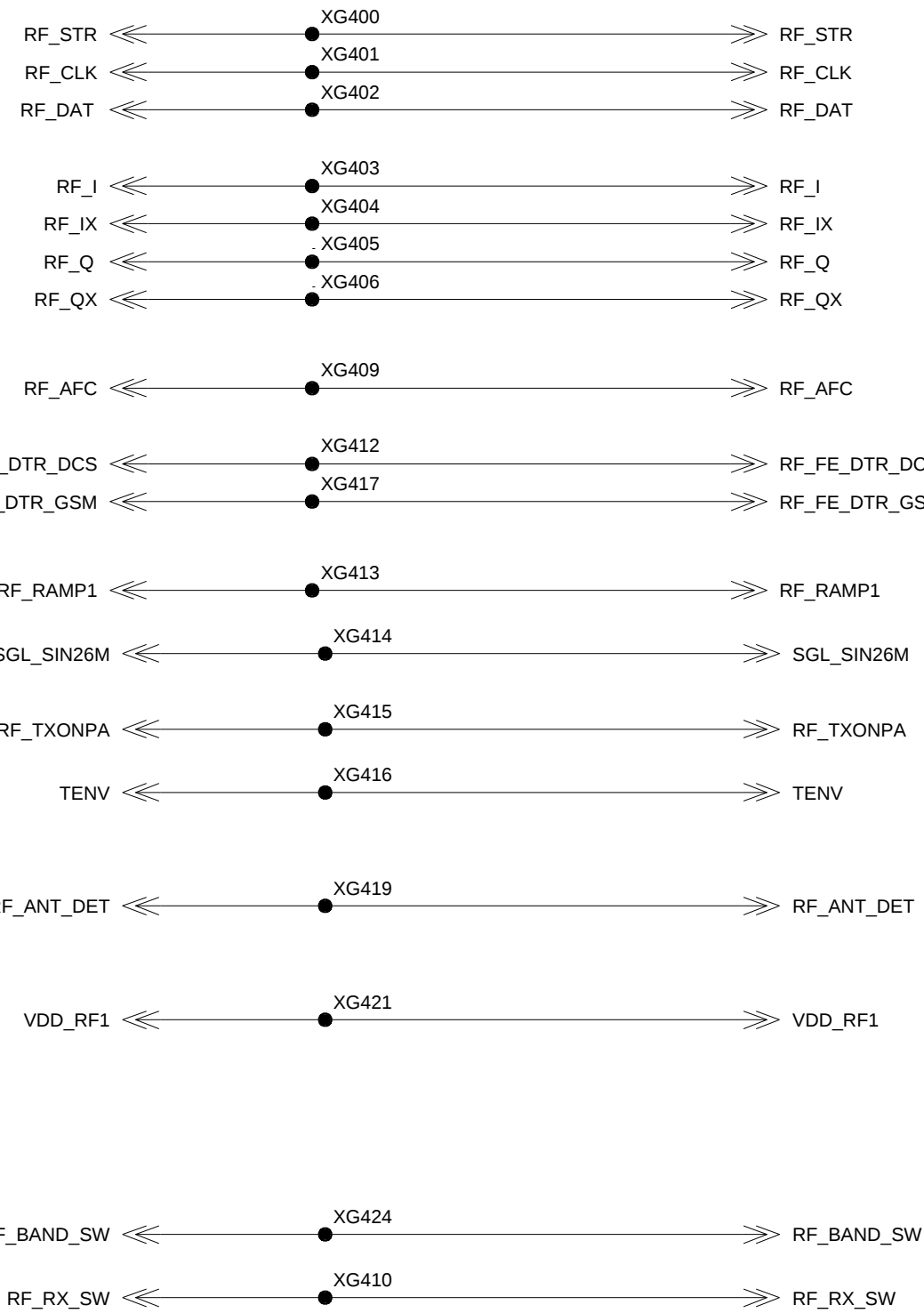
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				DATE	27.05.2004	NEO Mainboard B2.2 Q4960-A8 TOP HIERARCHY LEVEL SCHEMATIC	1:1
				USER	Bartenschl.		
				APPR'D			
					HW4 MCH1		
						Siemens AG	80615
2	17007	28.07.2004	bar				
1	16363	30.06.2004	bar				
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HIT_POINTS 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

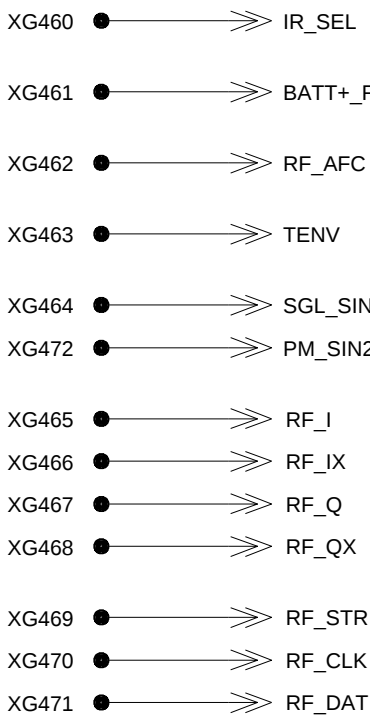
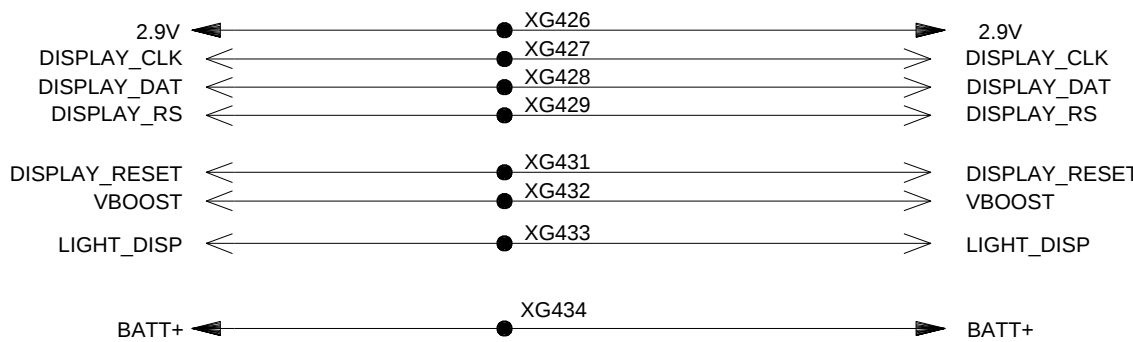
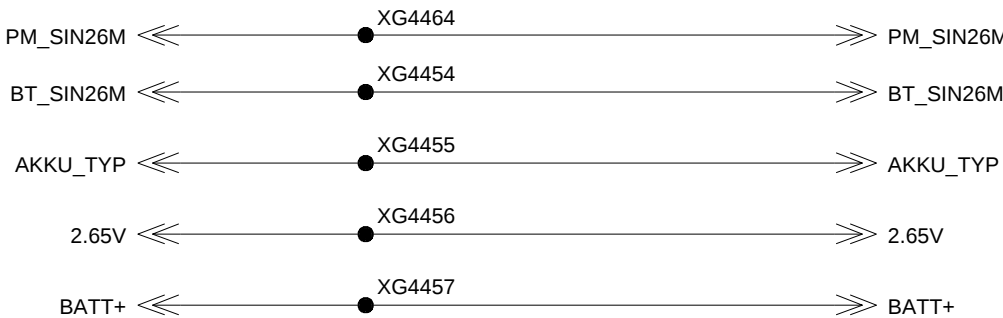
analogue power amplifier ramping signal
26 MHz reference frequency
Power up of power controller
Temperature sensor X-tal

DETECTION internal/external Antenna

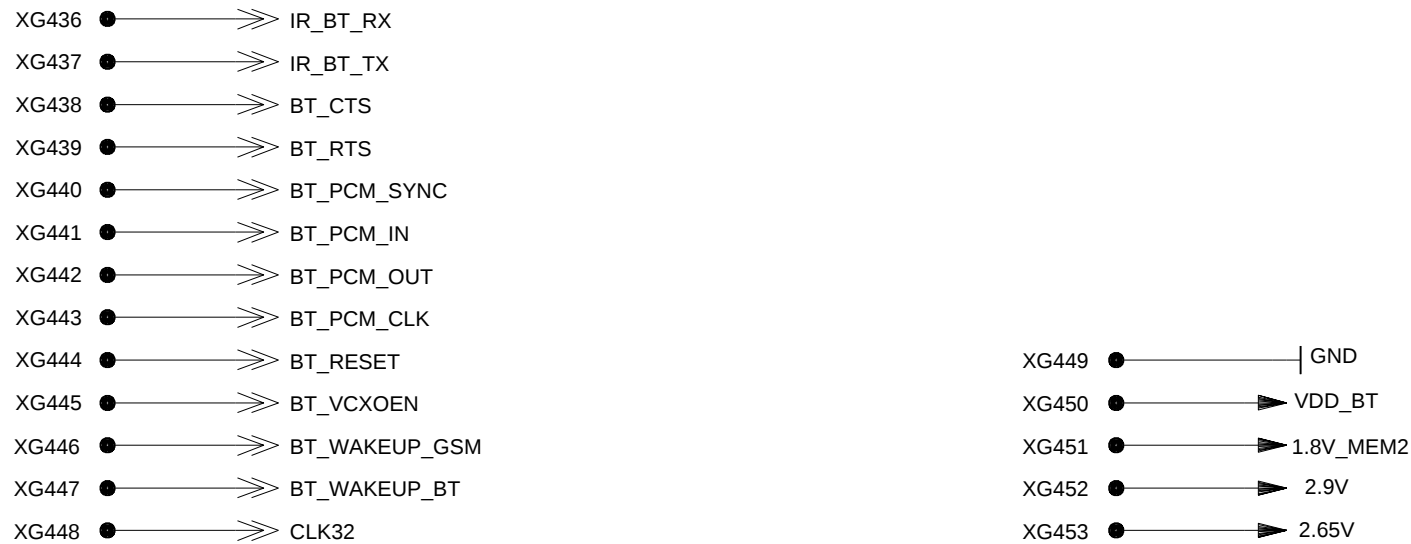
programmed voltage 1
programmed voltage 2

switched LOW- / HIGH-band

For Layout



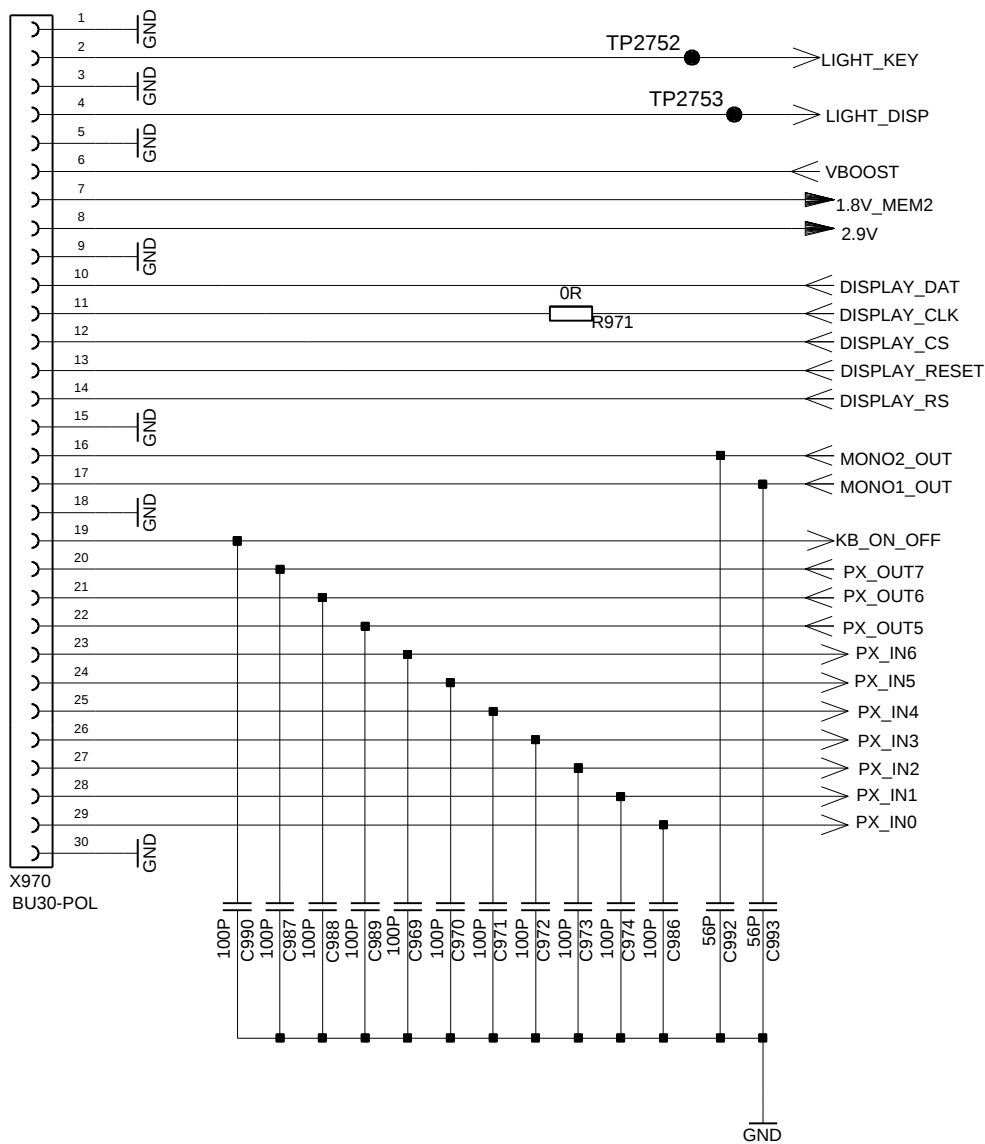
HIT_POINTS LOGIK/BLUETOOTH



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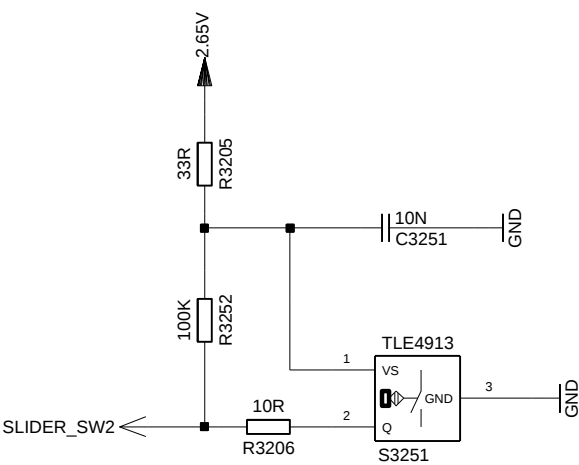
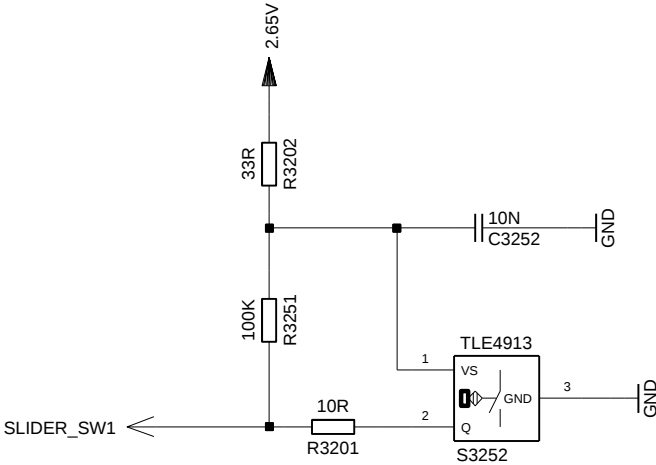
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				USER	Bartenschl.	Q4960-A8	
				APPR'D		TOP HIERARCHY LEVEL	1:1
					HW4 MCH1	SCHEMATIC	
2	17007	28.07.2004	bar	Siemens AG	80615	sheet4	
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VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900155657-17007)			

ROTARY CONNECTOR LCD / MMI 30 POL.
960-999



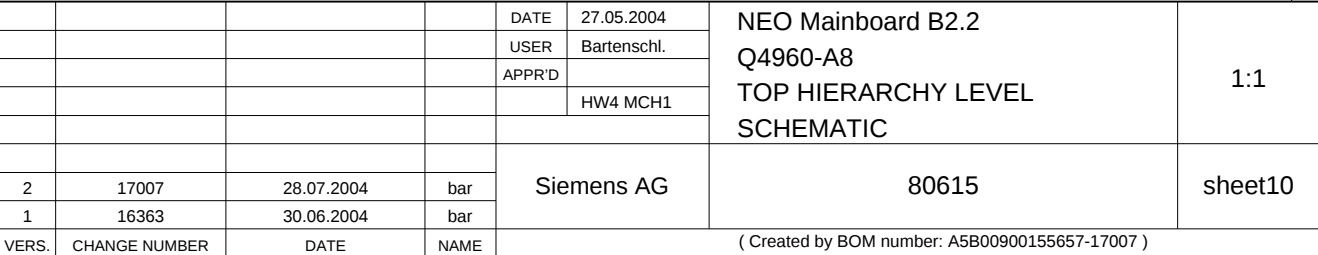
PM_ON_OFF <-- XG970 --> PX_IN0

OPEN_CLOSE_DETECTION
3200 - 3299



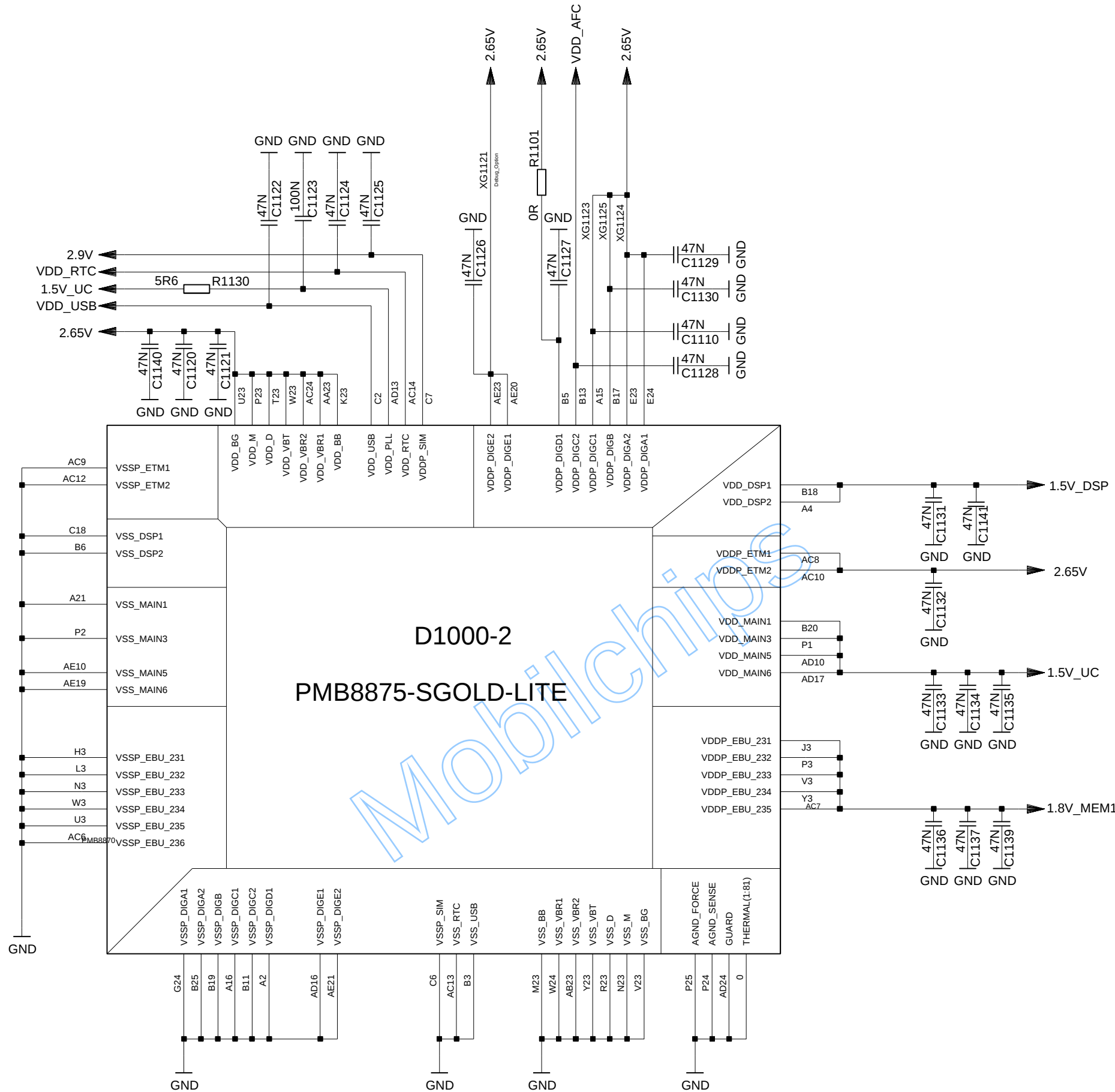
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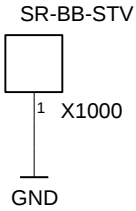


SGOLDLITE_SUPPLYDOMAIN

1100-1199



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				DATE	27.05.2004	NEO Mainboard B2.2	
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				APPR'D	HW4 MCH1	TOP HIERARCHY LEVEL	1:1
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2	17007	28.07.2004	bar	Siemens AG		80615	sheet11
1	16363	30.06.2004	bar				
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FLASH_SDRAM

D1203/1204 DIMENSION MINIMUM 11,55 X 9,05 mm !!

SW-TESTPUNKTE

SW_TP1206
SW_TP1207
D(0:15)

SW_TP1216
SW_TP1217
SW_TP1218
SW_TP1219
SW_TP1220
SW_TP1221
SW_TP1222
SW_TP1223
SW_TP1224
SW_TP1225
SW_TP1226
SW_TP1227
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SW_TP1234
SW_TP1238
SW_TP1239
SW_TP1240
A(0:24)

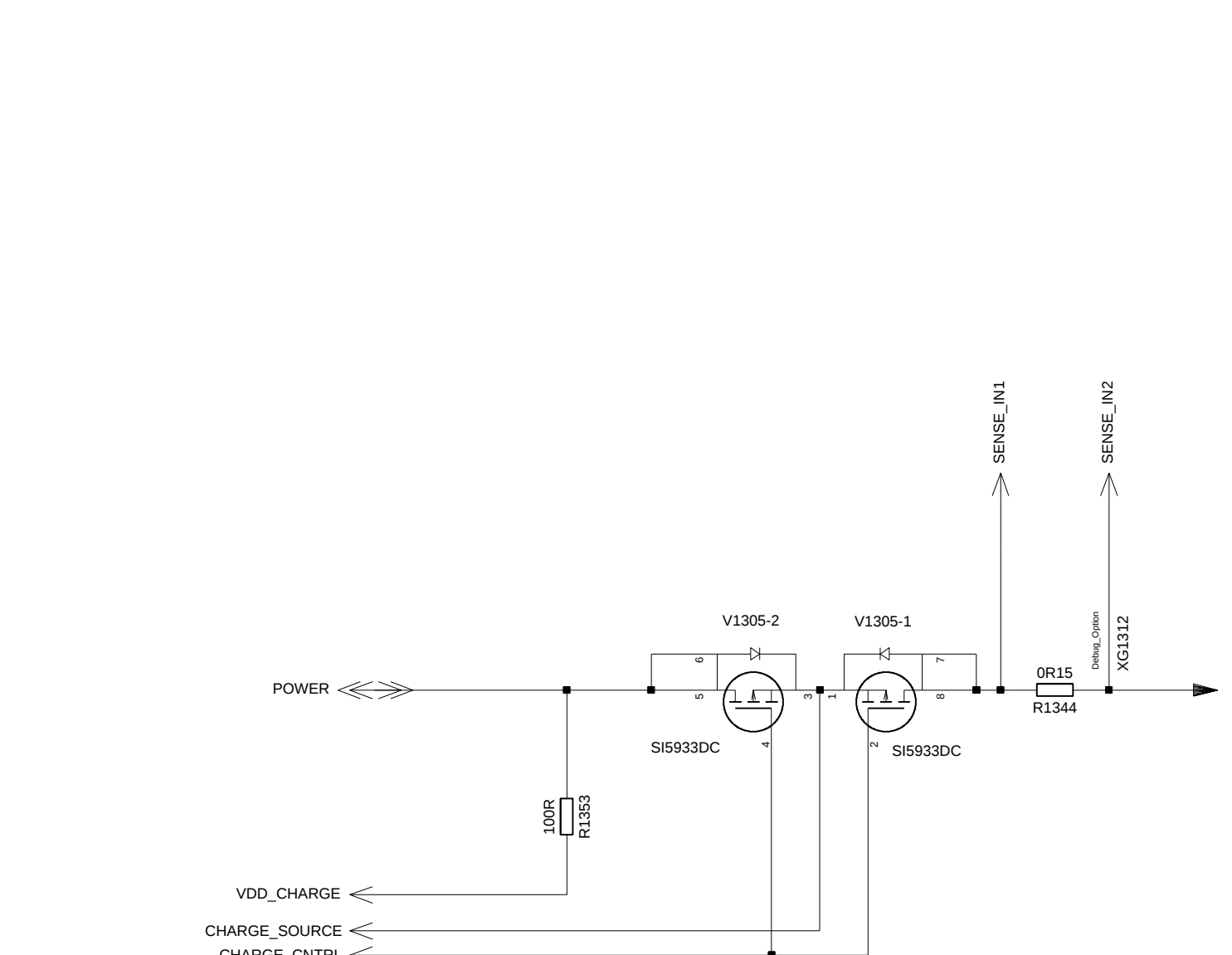
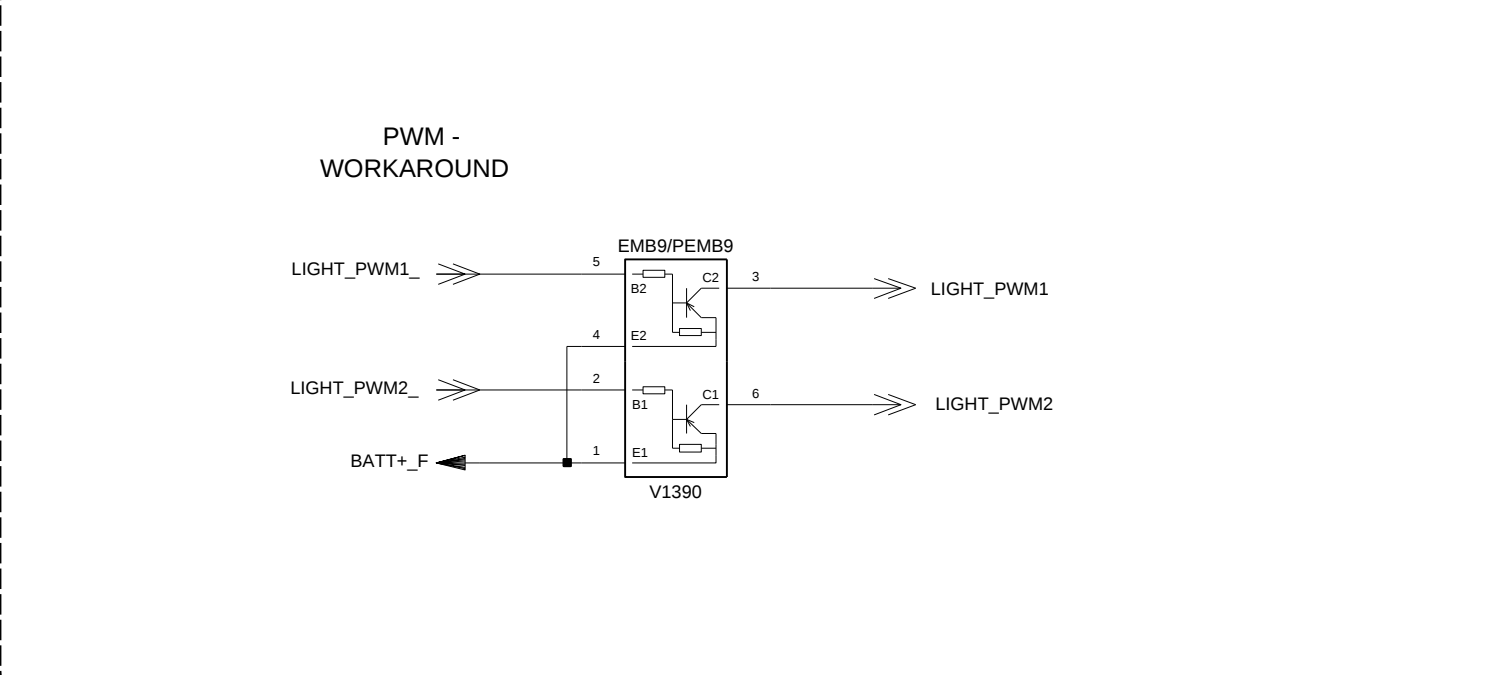
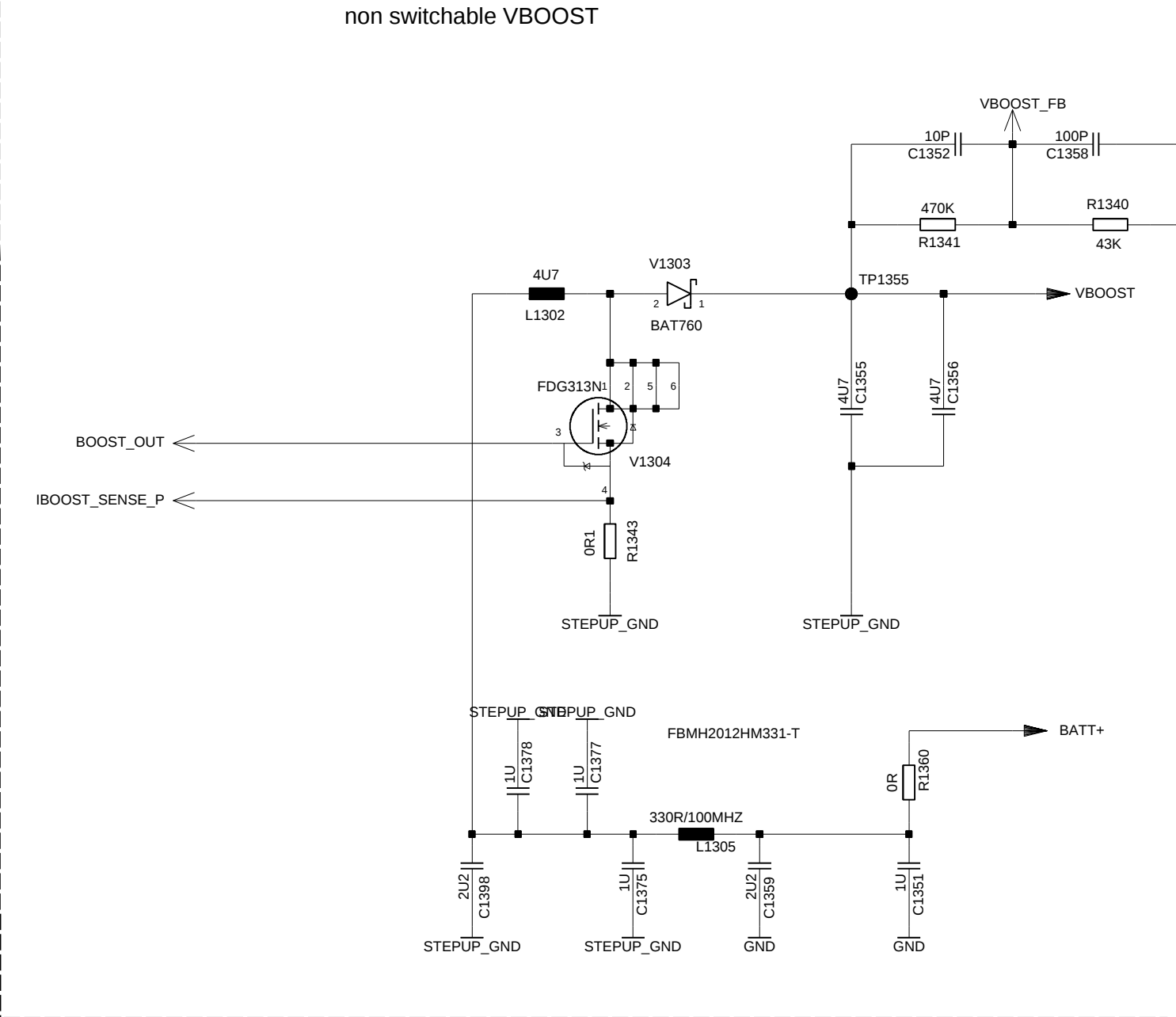
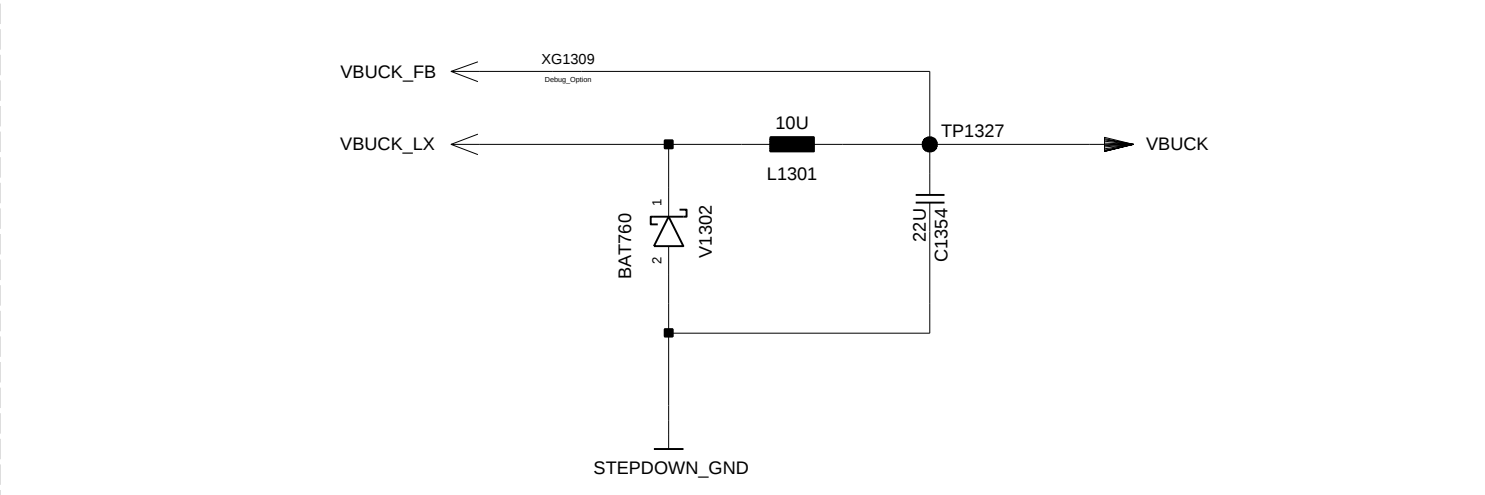
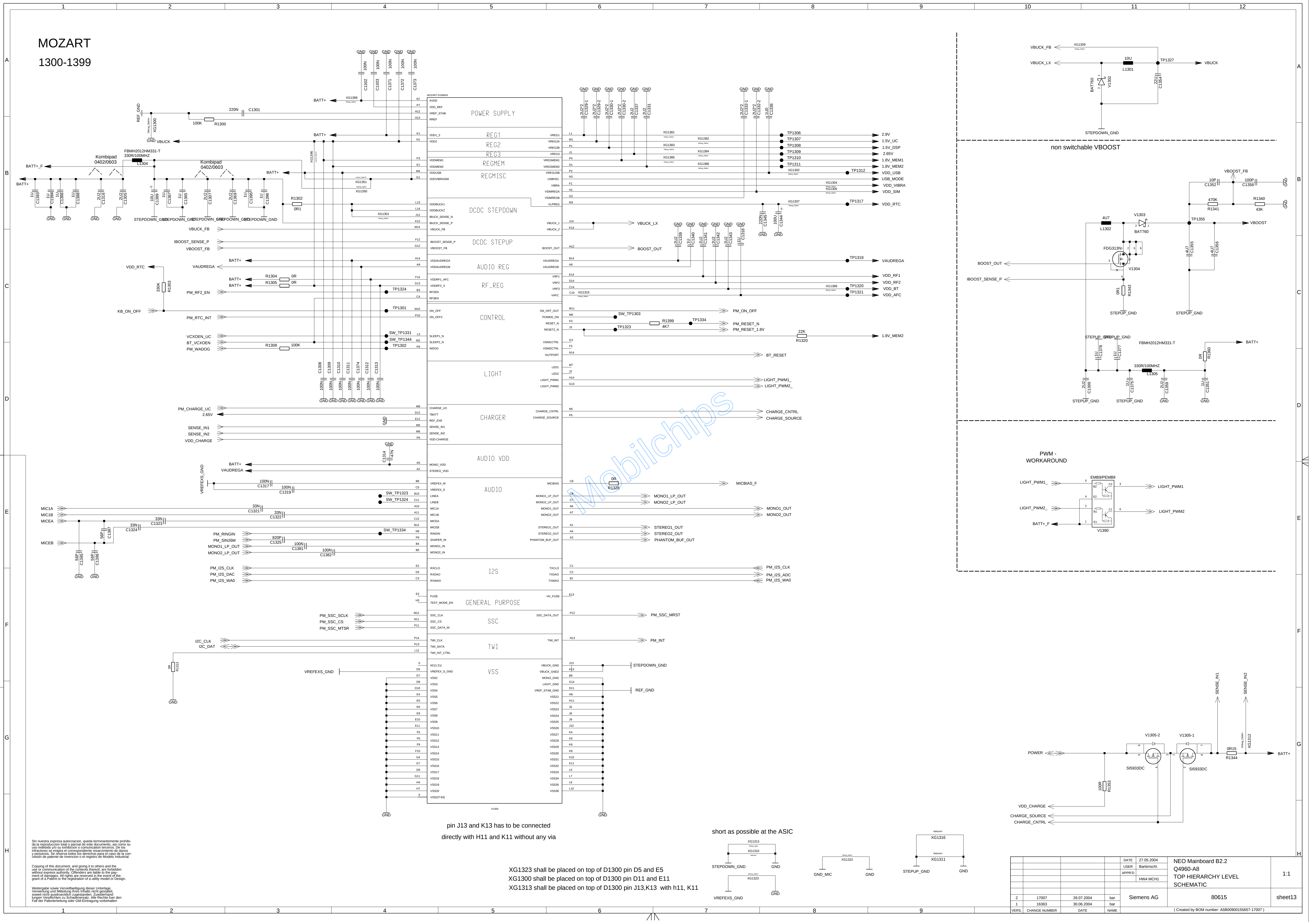
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BFCLKO
BFCLKI
RD
CS_FLASH
CS_FLASH1
SW_TP1264
SW_TP1268
SW_TP1269
SW_TP1272
SW_TP1275
SW_TP1277

CG1200
CG1201
CG1202
CG1203
CG1204
CG1205

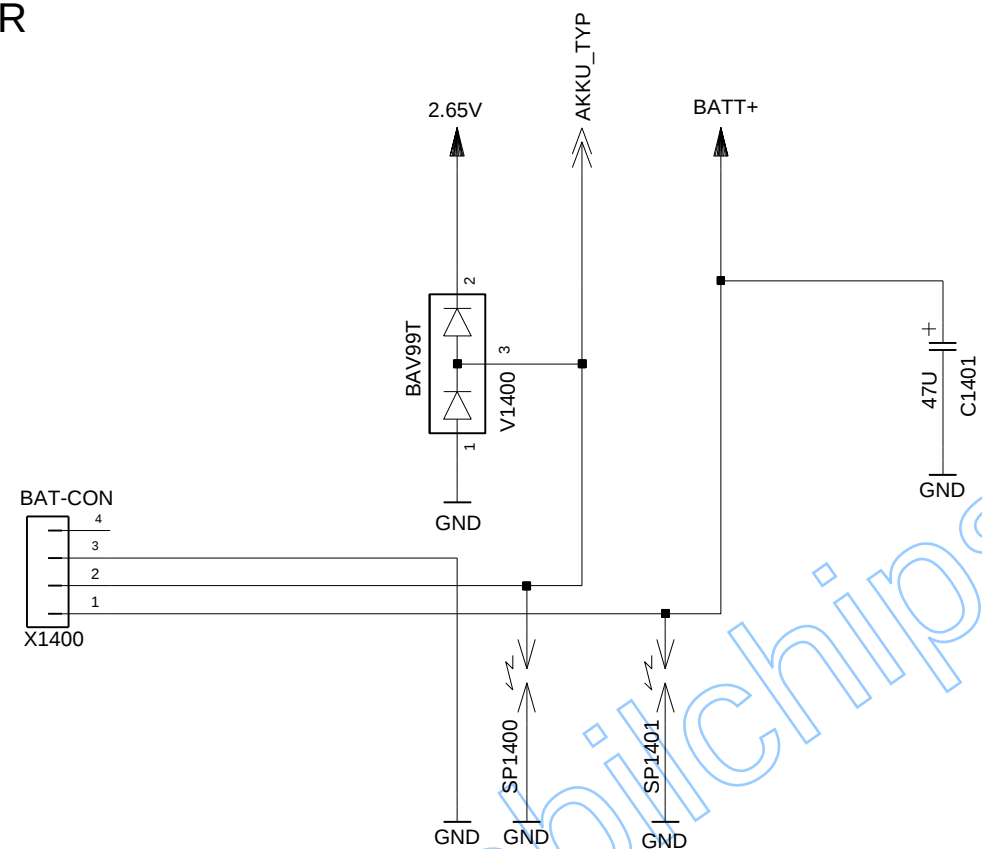
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				DATE	27.05.2004	NEO Mainboard B2.2	
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					HW4 MCH1	SCHEMATIC	
2	17007	28.07.2004	bar	Siemens AG	80615	sheet12	1:1
1	16363	30.06.2004	bar				
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MOZART
1300-1399

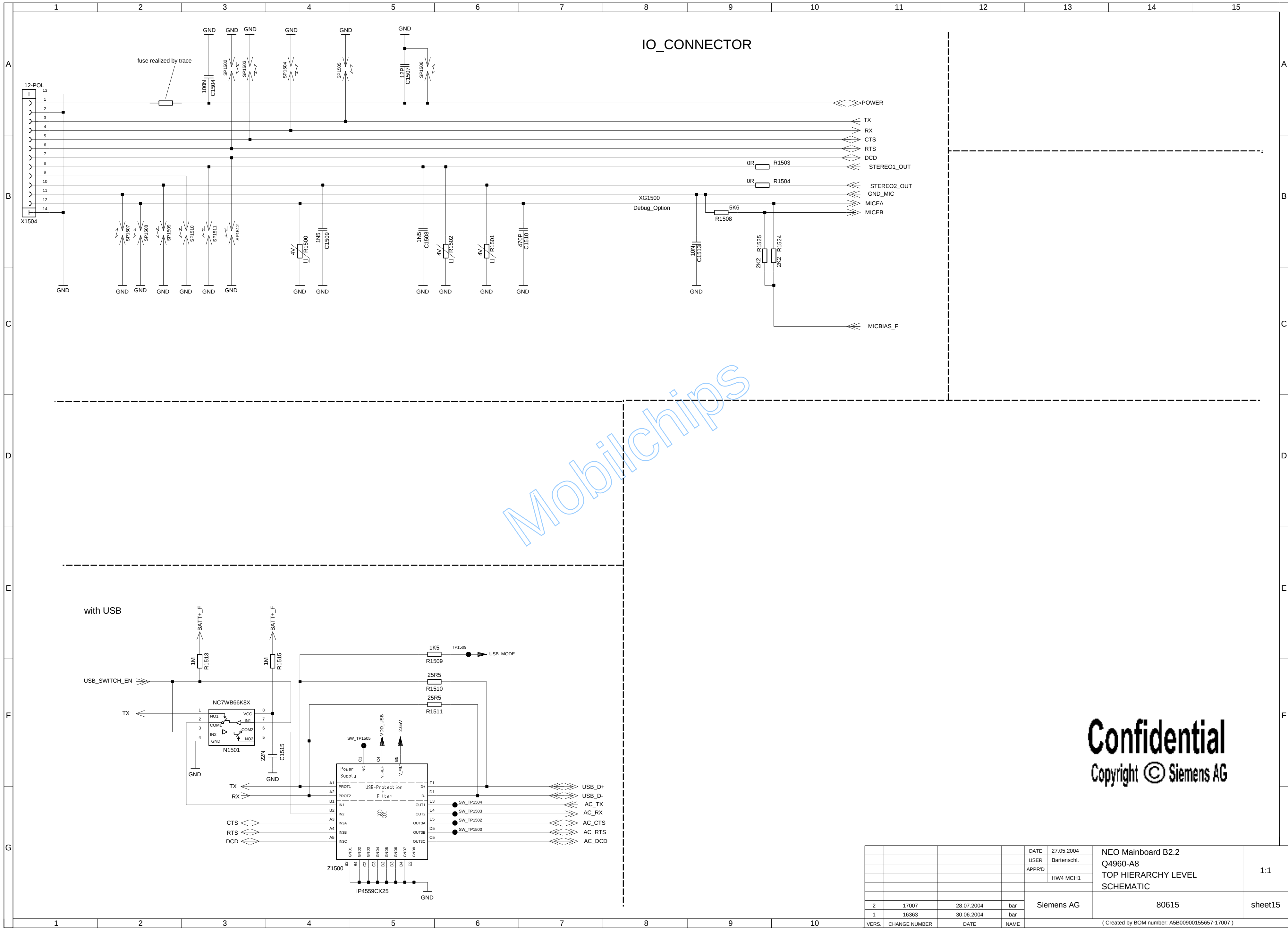


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				APPR'D				
					HW4 MCH1			
						Siemens AG	80615	sheet14
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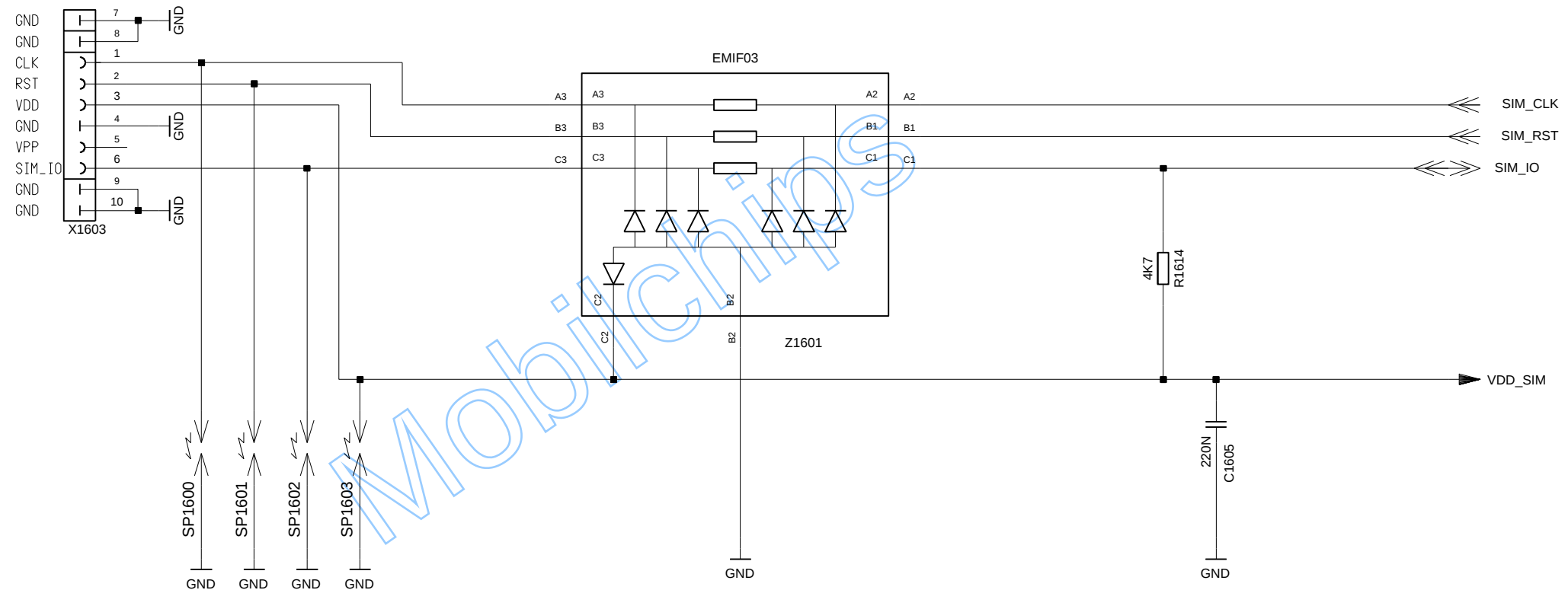
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SIM_CONNECTOR

1600-1659

SIM_CARD_READER_NEO

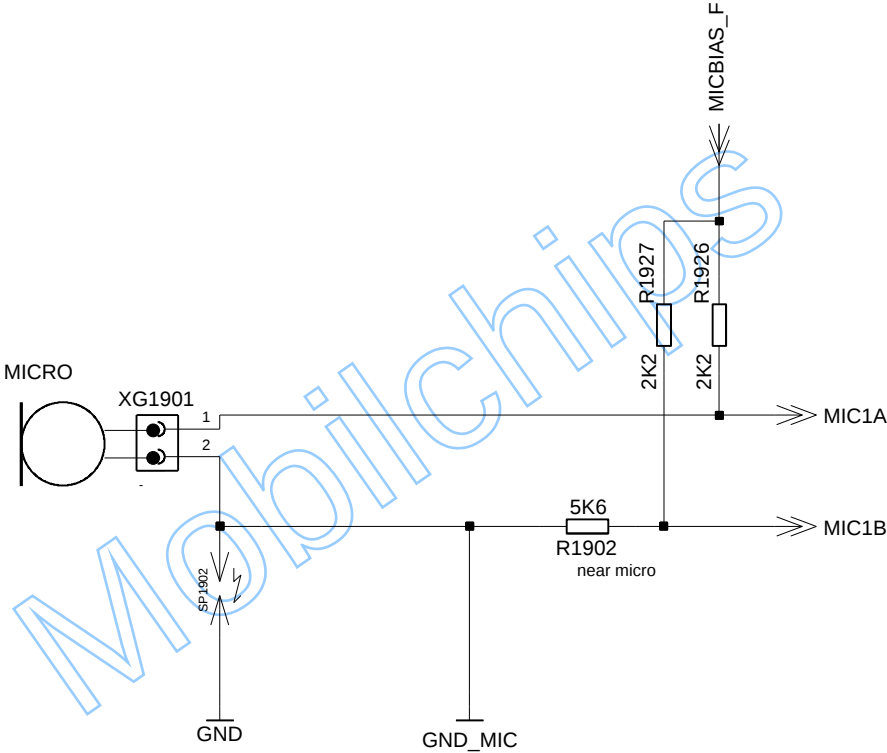


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MICROPHONE_CIRCUIT_1

1900-1999



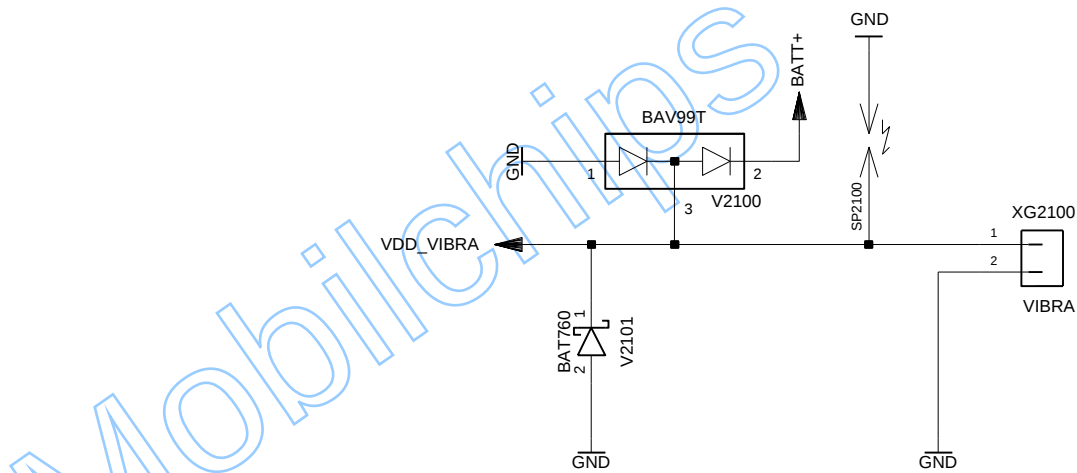
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				APPR'D			
					HW4 MCH1		
				Siemens AG		80615	sheet21
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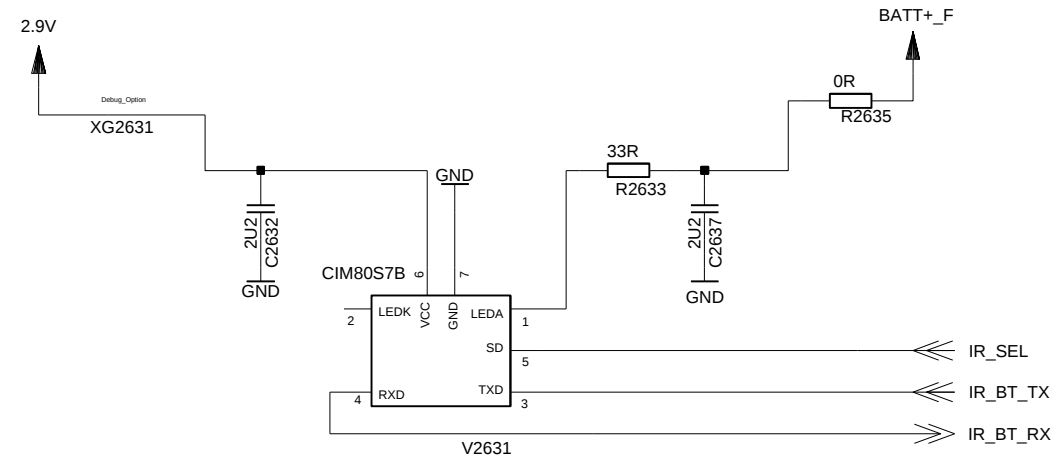
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IRDA

2600-2699

low profile package



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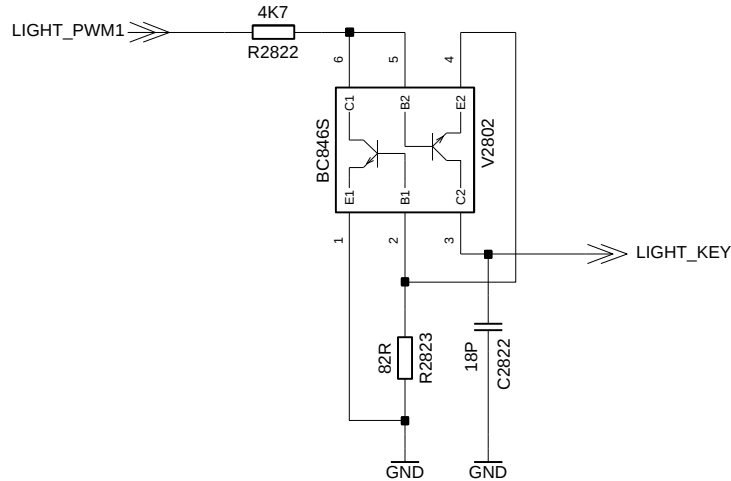
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				APPR'D			
					HW4 MCH1		
				Siemens AG		80615	sheet26
2	17007	28.07.2004	bar				
1	16363	30.06.2004	bar				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900155657-17007)			

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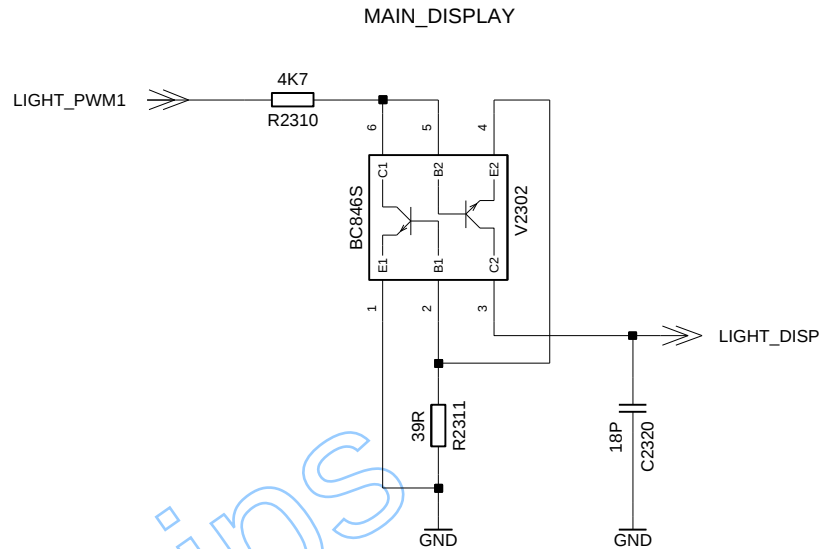
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2800-2849



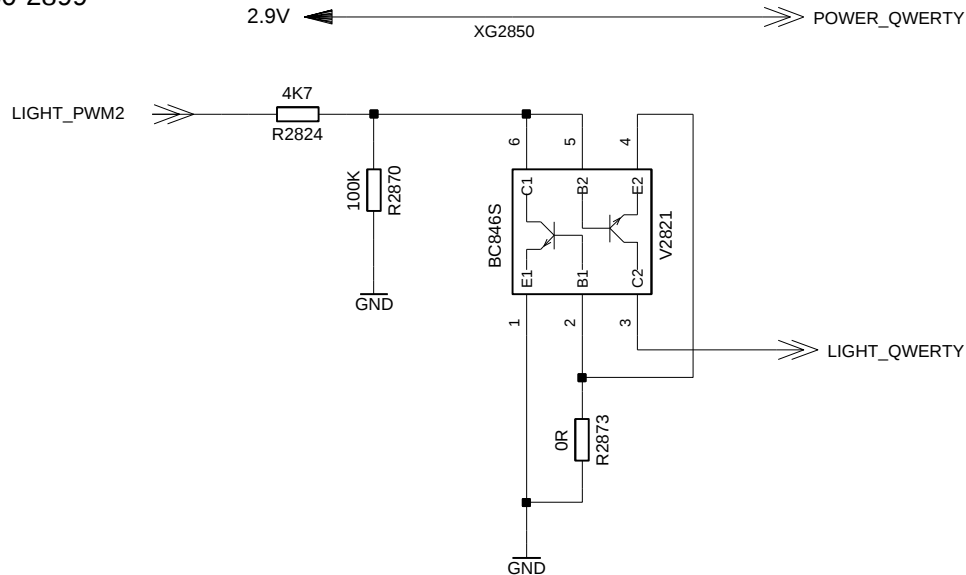
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2300-2399



QWERTY(Z)_BACKLIGHT

2850-2899

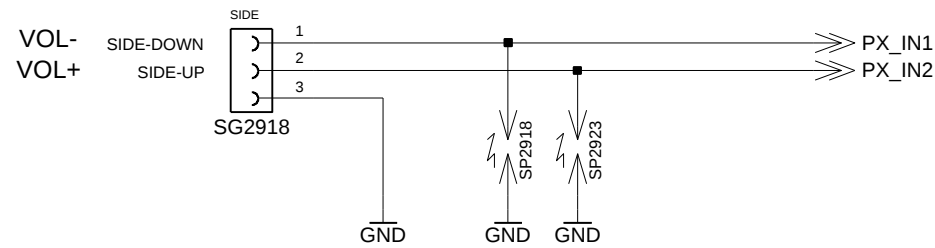
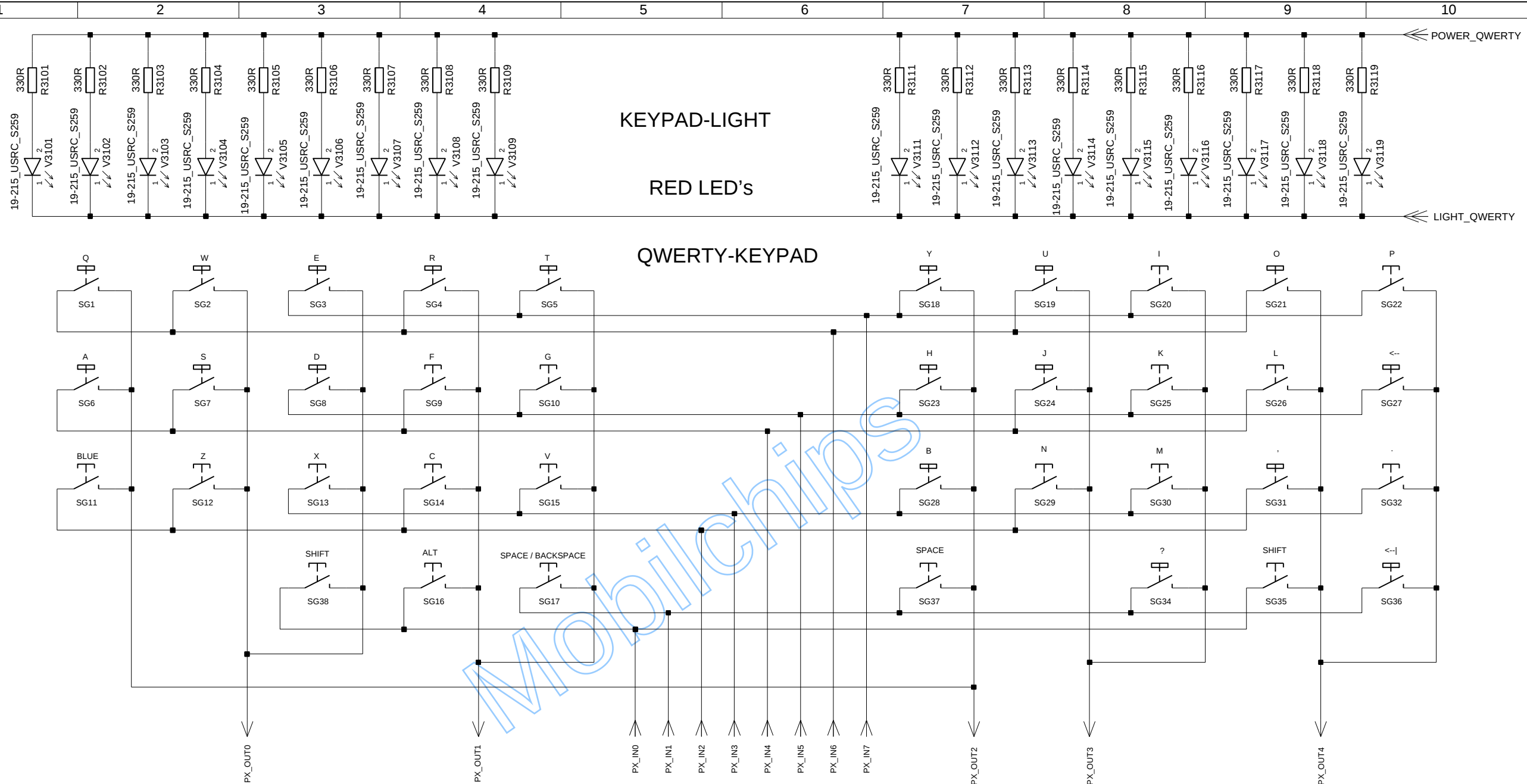
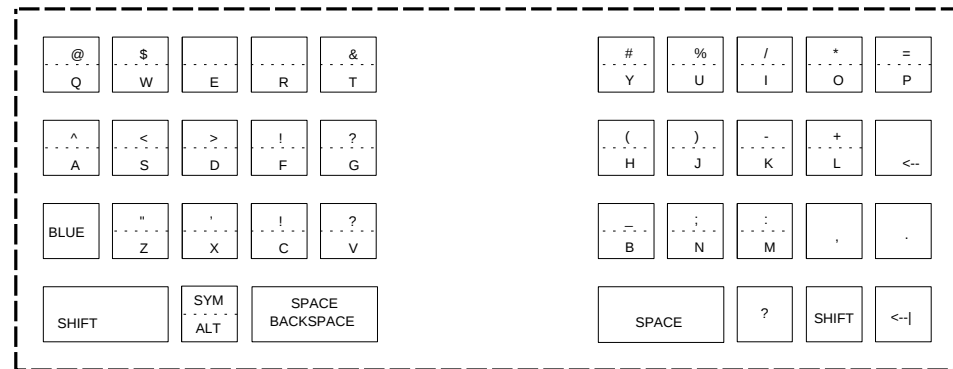


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				DATE	27.05.2004	NEO Mainboard B2.2	
				USER	Bartenschl.	Q4960-A8	
				APPR'D		TOP HIERARCHY LEVEL	1:1
					HW4 MCH1	SCHEMATIC	
2	17007	28.07.2004	bar	Siemens AG		80615	sheet28
1	16363	30.06.2004	bar				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900155657-17007)			

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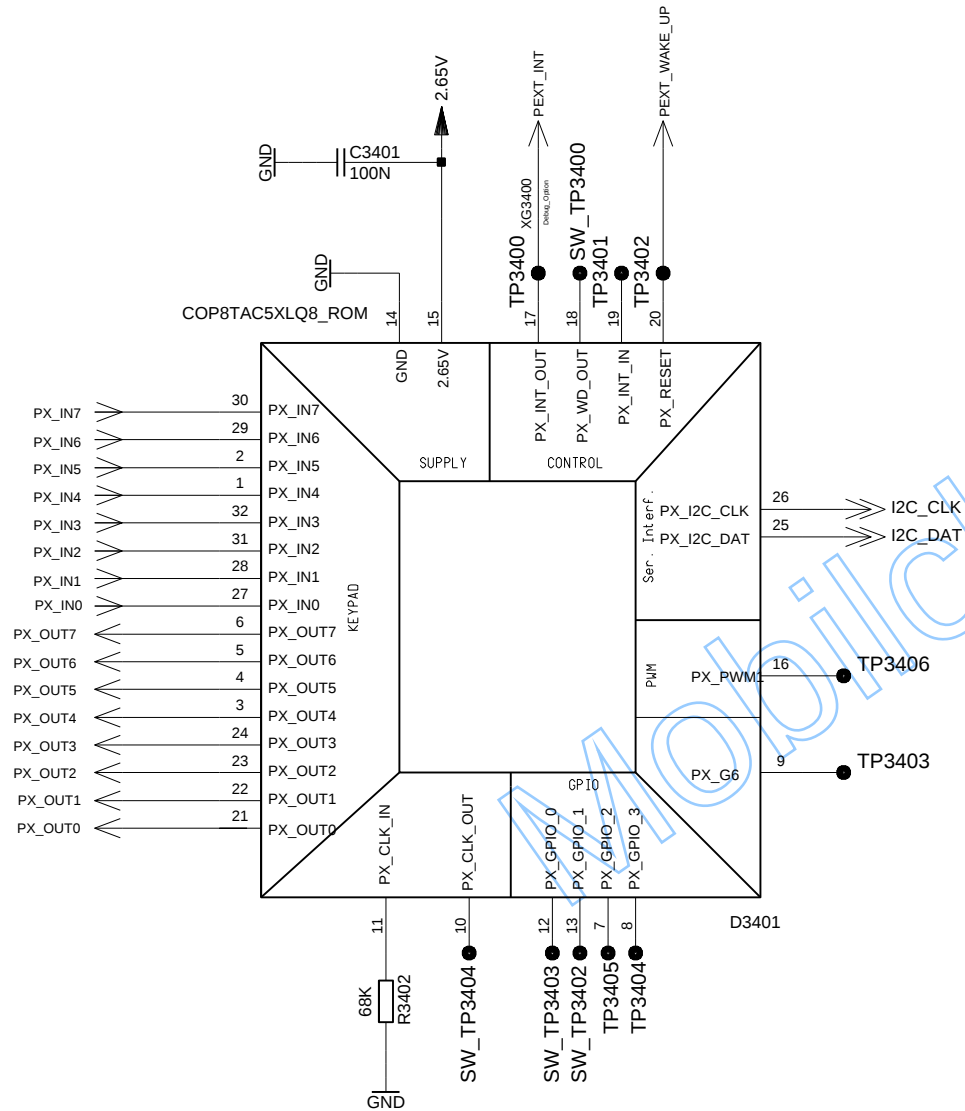
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				USER	Bartenschl.	Q4960-A8	
				APPR'D		TOP HIERARCHY LEVEL	
					HW4 MCH1	SCHEMATIC	1:1
2	17007	28.07.2004	bar	Siemens AG		80615	sheet31
1	16363	30.06.2004	bar				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900155657-17007)			

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3400-3499

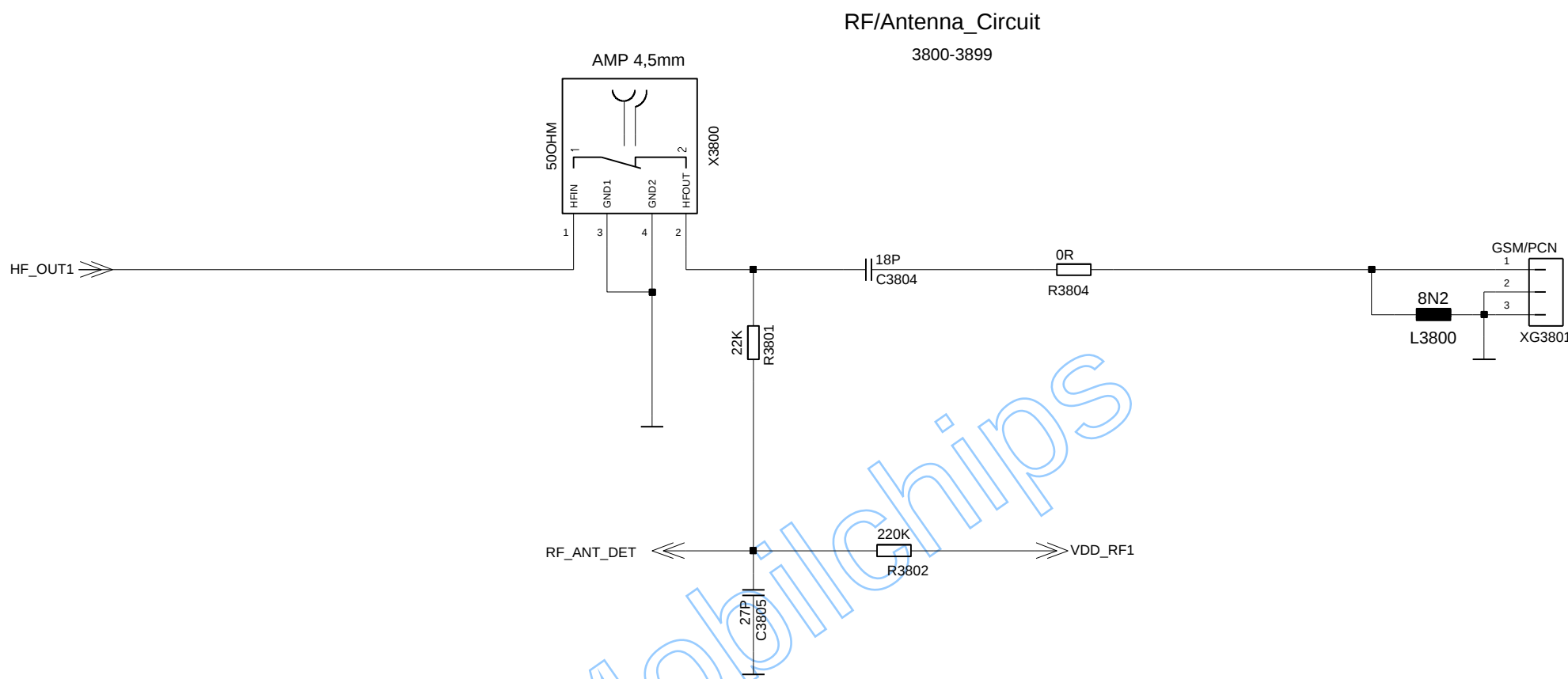


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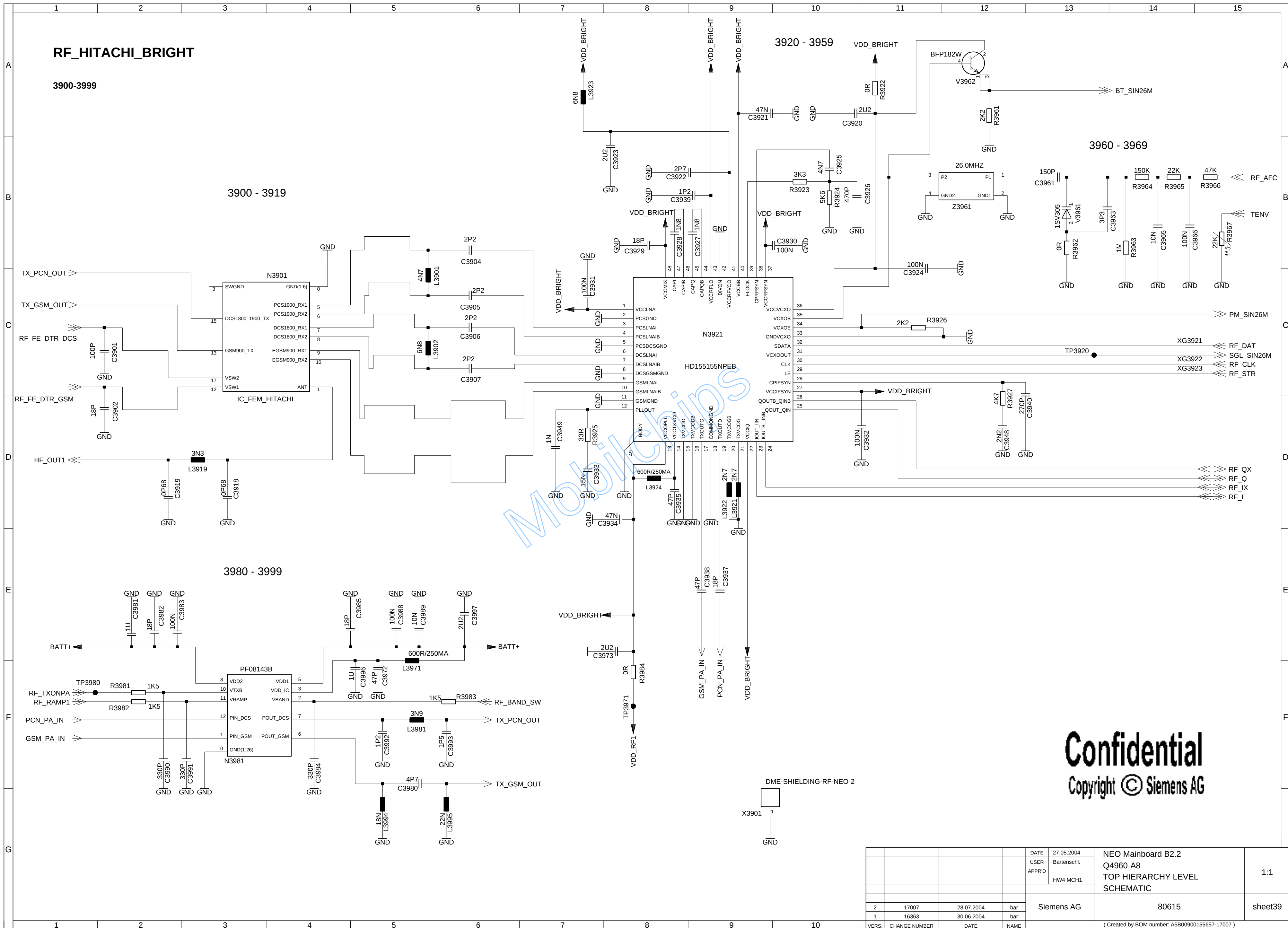
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				DATE	27.05.2004	NEO Mainboard B2.2	1:1
				USER	Bartenschl.	Q4960-A8	
				APPR'D		TOP HIERARCHY LEVEL	
					HW4 MCH1	SCHEMATIC	
2	17007	28.07.2004	bar	Siemens AG		80615	sheet34
1	16363	30.06.2004	bar				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900155657-17007)			



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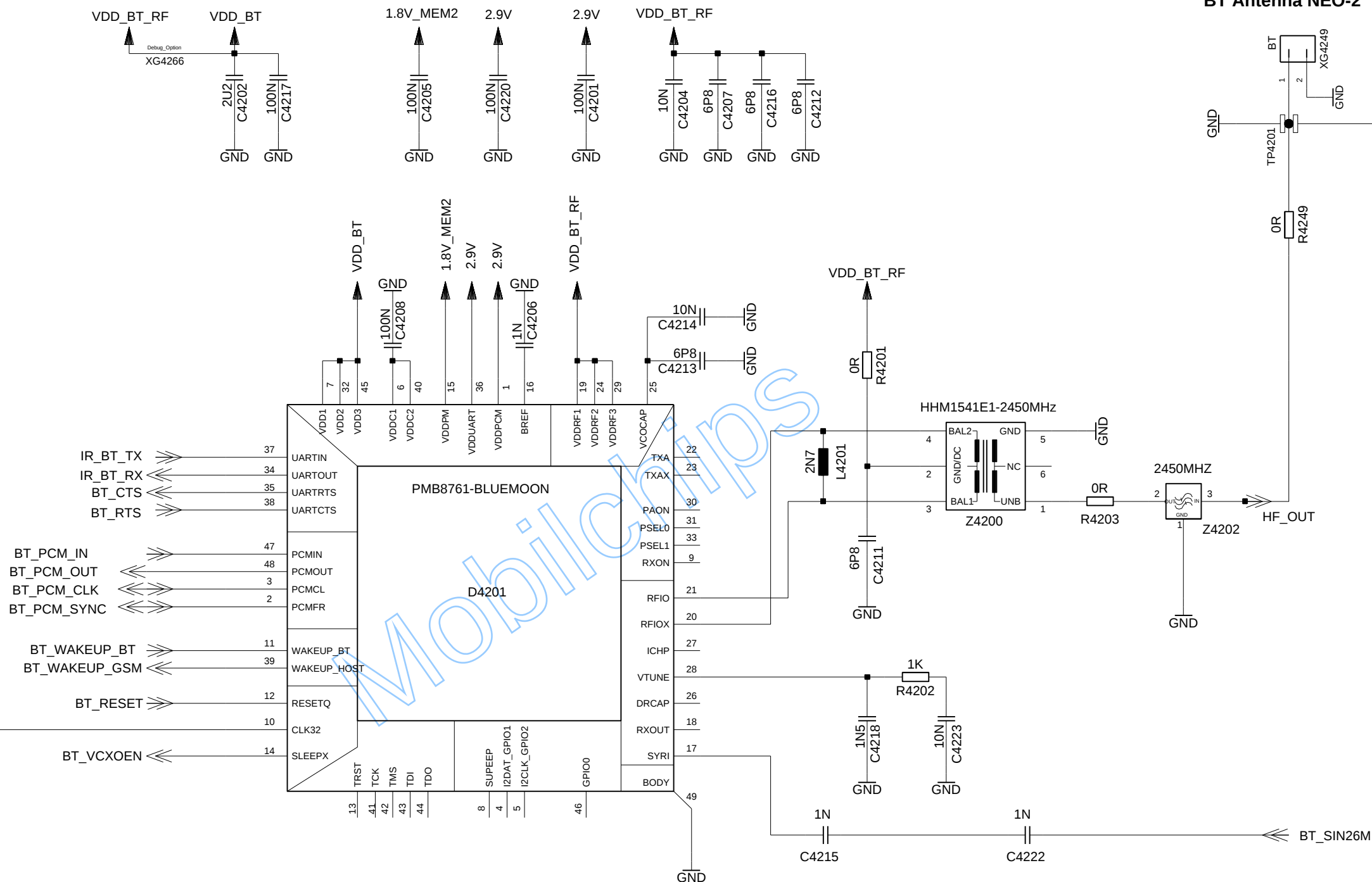
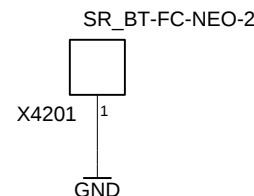
				DATE	27.05.2004	NEO Mainboard B2.2 Q4960-A8 TOP HIERARCHY LEVEL SCHEMATIC	1:1
				USER	Bartenschl.		
				APPR'D			
					HW4 MCH1		
						Siemens AG	80615
2	17007	28.07.2004	bar				
1	16363	30.06.2004	bar				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900155657-17007)			



				DATE	27.05.2004	NEO Mainboard B2.2	
				USER	Bartenschl.	Q4960-A8	
				APPR'D		TOP HIERARCHY LEVEL	
					HW4 MCH1	SCHEMATIC	1:1
2	17007	28.07.2004	bar	Siemens AG	80615	sheet39	
1	16363	30.06.2004	bar				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900155657-17007)			

BLUETOOTH

4200-4299



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				DATE	27.05.2004	NEO Mainboard B2.2	
				USER	Bartenschl.	Q4960-A8	
				APPR'D		TOP HIERARCHY LEVEL	1:1
					HW4 MCH1	SCHEMATIC	
2	17007	28.07.2004	bar	Siemens AG		80615	sheet42
1	16363	30.06.2004	bar				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900155657-17007)			

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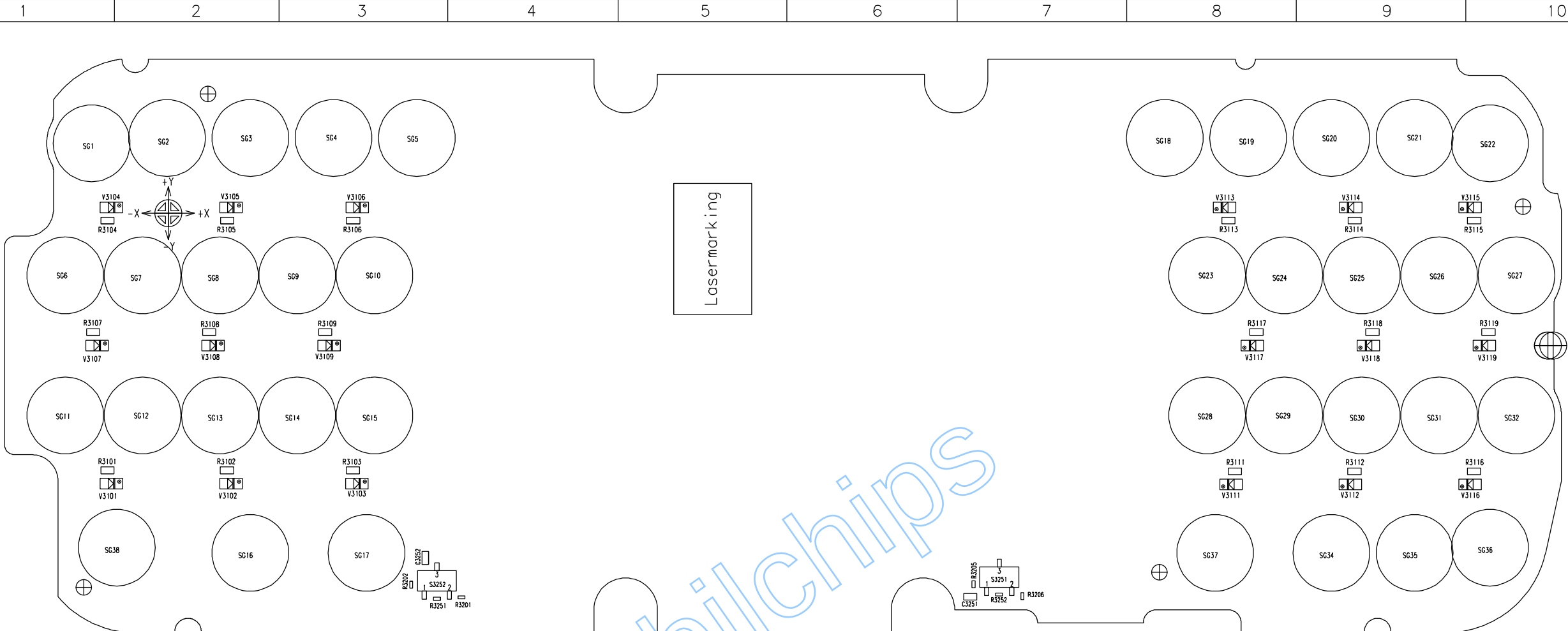
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R3103	3B		
R3104	1A		
R3105	2A		
R3106	3A		
R3107	1B		
R3108	2B		
R3109	3B		
R3111	8B		
R3112	9B		
R3113	8A		
R3114	9A		
R3115	10A		
R3116	10B		
R3117	8B		
R3118	9B		
R3119	10B		
R3201	4C		
R3202	3C		
R3205	7C		
R3206	7C		
R3251	3C		
R3252	7C		
S3251	7C		
S3252	3C		
V3101	2B		
V3102	2B		
V3103	3B		
V3104	2A		
V3105	2A		
V3106	3A		
V3107	1B		
V3108	2B		
V3109	3B		
V3111	8B		
V3112	9B		
V3113	8A		
V3114	9A		
V3115	9A		
V3116	9B		
V3117	8B		



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Achtung : Höhenprofil C24_ _ _ _ _ _ _ _ _ _ 42 (gilt nur fuer Entwicklung)
Liefervarianten siehe : V24851-Z2000-A1-*--35

				Datum	27.05.2004	NEO Mainboard B2.2 Q4960-A8 WIRING DIAGRAMM (SOLDER SIDE 1)	3 : 1
				Bearb	Bartenschl.		
				Gepr.			
				Norm	HW4 MCH1		
						Siemens AG	Blatt 1+
2	17007	28.07.2004	bar				
1	16363	30.06.2004	bar				
Zust.	Mitteilung	Datum	Name	(Created by BOM number: A5B00900155657-17007)			

C969	5A	C1205	8C	C1351	6B	C3804	2C	C3988	2B	L3971	3B	R1343	7B	R3964	2A
C970	5A	C1207	8C	C1352	7B	C3805	2C	C3989	3B	L3981	2B	R1344	7B	R3965	2A
C971	5A	C1220	8B	C1354	7B	C3901	2B	C3990	3B	L3994	2B	R1353	8B	R3966	2A
C972	5A	C1221	8A	C1355	7B	C3902	2B	C3991	3B	L3995	2B	R1360	6B	R3967	2A
C973	5A	C1222	8A	C1356	7B	C3904	2B	C3992	3B	L4201	3A	R1399	8B	R3981	3B
C974	5A	C1223	9A	C1358	7B	C3905	2B	C3993	2B	N1501	9B	R1500	9B	R3982	3B
C986	6A	C1224	9A	C1359	6B	C3906	2B	C3996	3B	N3901	2B	R1501	9B	R3983	3B
C987	5A	C1225	8B	C1365	7B	C3907	2B	C3997	3B	N3921	2B	R1502	9B	R3984	3B
C988	5A	C1227	8A	C1366	7C	C3918	2B	C4201	3A	N3981	3B	R1503	9B	R4201	3A
C989	5A	C1299	8B	C1367	7B	C3919	2B	C4202	3A	R971	5A	R1504	9B	R4202	3A
C990	5A	C1301	7C	C1369	7B	C3920	2A	C4204	3A	R1006	8B	R1508	9B	R4203	3A
C992	5A	C1302	7B	C1371	8B	C3921	2A	C4205	4A	R1014	7A	R1509	9B	R4249	4A
C993	5A	C1303	7B	C1372	8B	C3922	2A	C4206	3A	R1018	7A	R1510	9B	V1302	6B
C1000	8B	C1305	7C	C1373	8B	C3923	2A	C4207	3A	R1021	7A	R1511	9B	V1303	7B
C1001	7A	C1307	7B	C1374	8C	C3924	2A	C4208	3A	R1022	7A	R1513	9B	V1304	7B
C1002	7A	C1308	7B	C1375	6B	C3925	2A	C4211	3A	R1023	7A	R1515	9B	V1305	7B
C1003	7A	C1309	8B	C1377	6B	C3926	2A	C4212	3A	R1024	7B	R1524	9B	V1390	6B
C1005	7B	C1310	7B	C1378	6B	C3927	2B	C4213	3A	R1025	7B	R1525	9B	V1400	4C
C1011	7A	C1311	7C	C1381	7C	C3928	2B	C4214	3A	R1039	7A	R1614	4B	V2100	10A
C1110	7B	C1312	7C	C1382	7C	C3929	2B	C4215	4A	R1040	6A	R1902	9C	V2101	9A
C1120	7A	C1313	7C	C1385	7C	C3930	2A	C4216	3A	R1041	6A	R1926	8C	V2302	5A
C1121	7A	C1314	7C	C1386	7C	C3931	2B	C4217	3A	R1042	6A	R1927	8C	V2631	1A
C1122	8B	C1316	7C	C1387	7C	C3932	2A	C4218	3A	R1043	6A	R2310	5A	V2802	6A
C1123	8A	C1317	7C	C1388	7C	C3933	2B	C4220	4A	R1098	7B	R2311	5A	V2821	5A
C1124	7A	C1318	7C	C1389	6C	C3934	2B	C4222	4A	R1101	8B	R2633	1A	V3961	2A
C1125	8B	C1319	7C	C1393	7C	C3935	2B	C4223	3A	R1130	8A	R2635	1A	V3962	2A
C1126	7A	C1321	8C	C1394	7C	C3937	2A	D1000	8B	R1200	9B	R2822	5A	X970	5A
C1127	8B	C1322	8C	C1395	6B	C3938	2A	D1202	8B	R1201	9B	R2823	5A	X1000	9C
C1128	7B	C1323	7C	C1396	7B	C3939	2A	D1204	8A	R1202	9B	R2824	5A	X1400	5C
C1129	7B	C1324	7C	C1398	6B	C3940	2A	D1300	7B	R1203	8B	R2870	5A	X1504	10B
C1130	7B	C1325	7B	C1401	3C	C3948	2A	D3401	6A	R1204	8B	R2873	5A	X1603	4B
C1131	8B	C1329	8B	C1504	9A	C3949	2B	D4201	4A	R1210	8B	R3402	7A	X3800	2B
C1132	8A	C1330	8B	C1507	9B	C3961	2A	L1301	6B	R1216	8B	R3801	2C	X3901	1A
C1133	8A	C1331	8B	C1508	9B	C3963	2A	L1302	6B	R1300	7C	R3802	2C	X4201	3A
C1134	7B	C1332	8B	C1509	9B	C3965	2A	L1304	7C	R1302	7B	R3804	2C	Z1000	7A
C1135	8B	C1337	8B	C1510	9B	C3966	2A	L1305	6B	R1303	7B	R3922	2A	Z1500	9B
C1136	8A	C1338	8B	C1513	9B	C3972	3B	L3800	2C	R1304	7C	R3923	2A	Z1601	4B
C1137	8B	C1339	7B	C1515	9B	C3973	2B	L3901	2B	R1305	7C	R3924	2A	Z3961	2A
C1139	8A	C1340	7C	C1605	4B	C3980	2B	L3902	2B	R1308	7B	R3925	2B	Z4200	3A
C1140	7A	C1341	7B	C2320	5A	C3981	3B	L3919	2B	R1313	7B	R3926	2A	Z4202	3A
C1141	7B	C1342	7B	C2632	1A	C3982	3B	L3921	2A	R1320	8B	R3927	2A		
C1202	8C	C1343	7B	C2637	1A	C3983	3B	L3922	2A	R1328	8C	R3961	2A		
C1203	8C	C1344	6B	C2822	5A	C3984	3B	L3923	2A	R1340	7B	R3962	2A		
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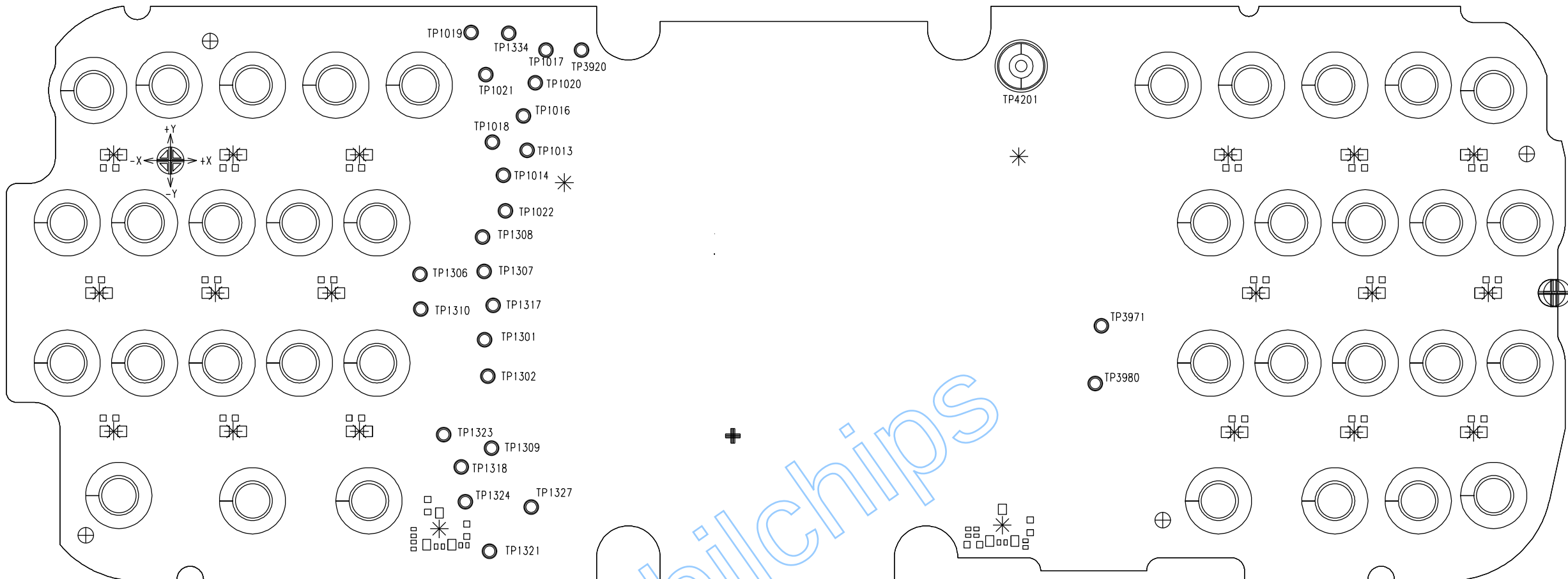
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Liefervarianten siehe : V24851-Z2000-A1-*-35

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				Gepr.			
				Norm	HW4 MCH1		
						Siemens AG	Blatt 2+
2	17007	28.07.2004	bar				
1	16363	30.06.2004	bar				
Zust.	Mitteilung	Datum	Name	(Created by BOM number: A5B00900155657-17007)			

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TP1016	4A
TP1017	4A
TP1018	4A
TP1019	4A
TP1020	4A
TP1021	4A
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TP4201	7A



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				Datum	27.05.2004	NEO Mainboard B2.2 Q4960-A8 TESTPOINT DIAGRAMM (SIDE 1)	3:1
				Bearb	Bartenschl.		
				Gepr.			
				Norm	HW4 MCH1		
2	17007	28.07.2004	bar	Siemens AG		80617	Blatt 1+
1	16363	30.06.2004	bar				
Zust.	Mitteilung	Datum	Name	(Created by BOM number: A5B00900155657-17007)			

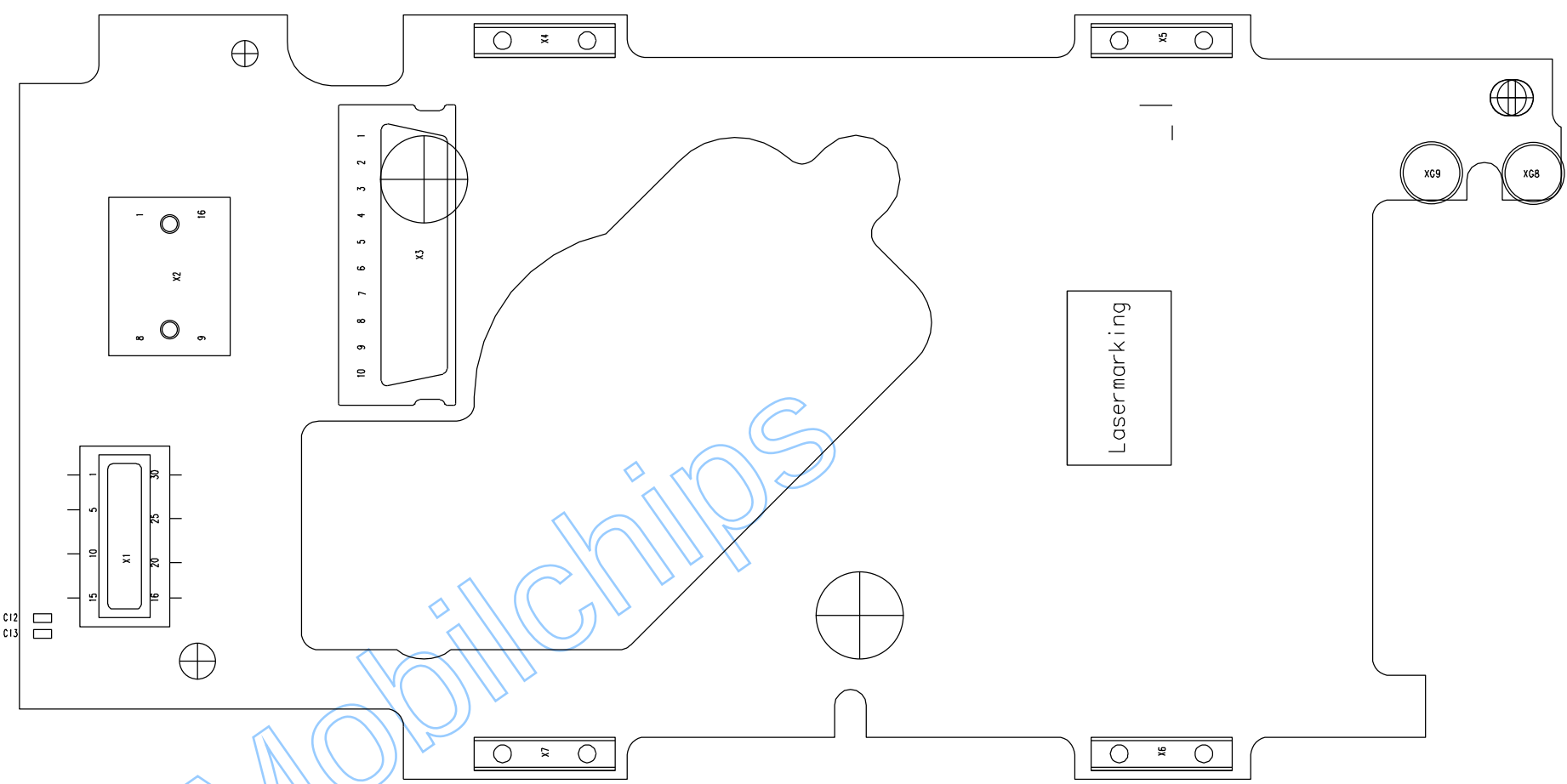
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TP3406	6A

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				Datum	27.05.2004	NEO Mainboard B2.2 Q4960-A8 TESTPOINT DIAGRAMM (SIDE 2)	3:1
				Bearb	Bartenschl.		
				Gepr.			
				Norm	HW4 MCH1		
						80617	Blatt 2-
2	17007	28.07.2004	bar	Siemens AG			
1	16363	30.06.2004	bar				
Zust.	Mitteilung	Datum	Name	(Created by BOM number: A5B00900155657-17007)			

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C13	3C
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X2	4B
X3	5A
X4	5A
X5	8A
X6	8C
X7	5C

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Liefervarianten siehe : V24851-Z2000-A1-*-35

				Datum	18.11.2003	LCD Board NE0 L7 B2.1 V1 ASSEMBLY WIRING DIAGRAMM (SOLDER SIDE 1)	3:1
				Bearb	Koelbl		
				Gepr.			
				Norm			
				HW4 MCH2		83908	Blatt 1+
				Siemens AG			
1	17268	21.07.2004	SD				
Zust.	Mitteilung	Datum	Name	(Created by BOM number: A5B00900157991-17268)			

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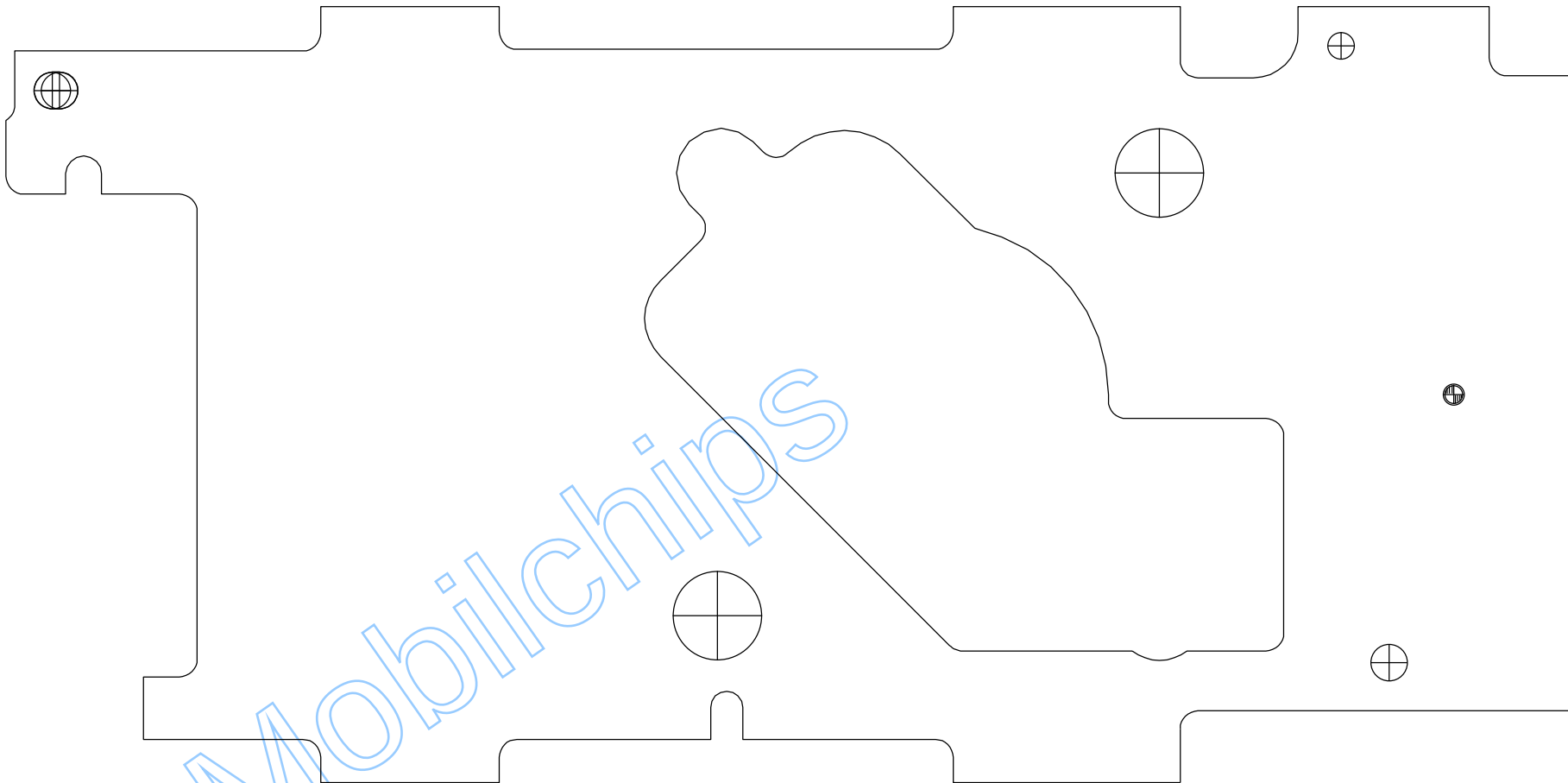
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Liefervarianten siehe : V24851-Z2000-A1-*-35

				Datum	18.11.2003	LCD Board NE0 L7 B2.1 V1 ASSEMBLY WIRING DIAGRAM (SOLDER SIDE 2)	3 : 1
				Bearb	Koelbl		
				Gepr.			
				Norm			
					HW4 MCH2	83908	Blatt 2+
					Siemens AG		
1	17268	21.07.2004	SD				
Zust.	Mitteilung	Datum	Name	(Created by BOM number: A5B00900157991-17268)			

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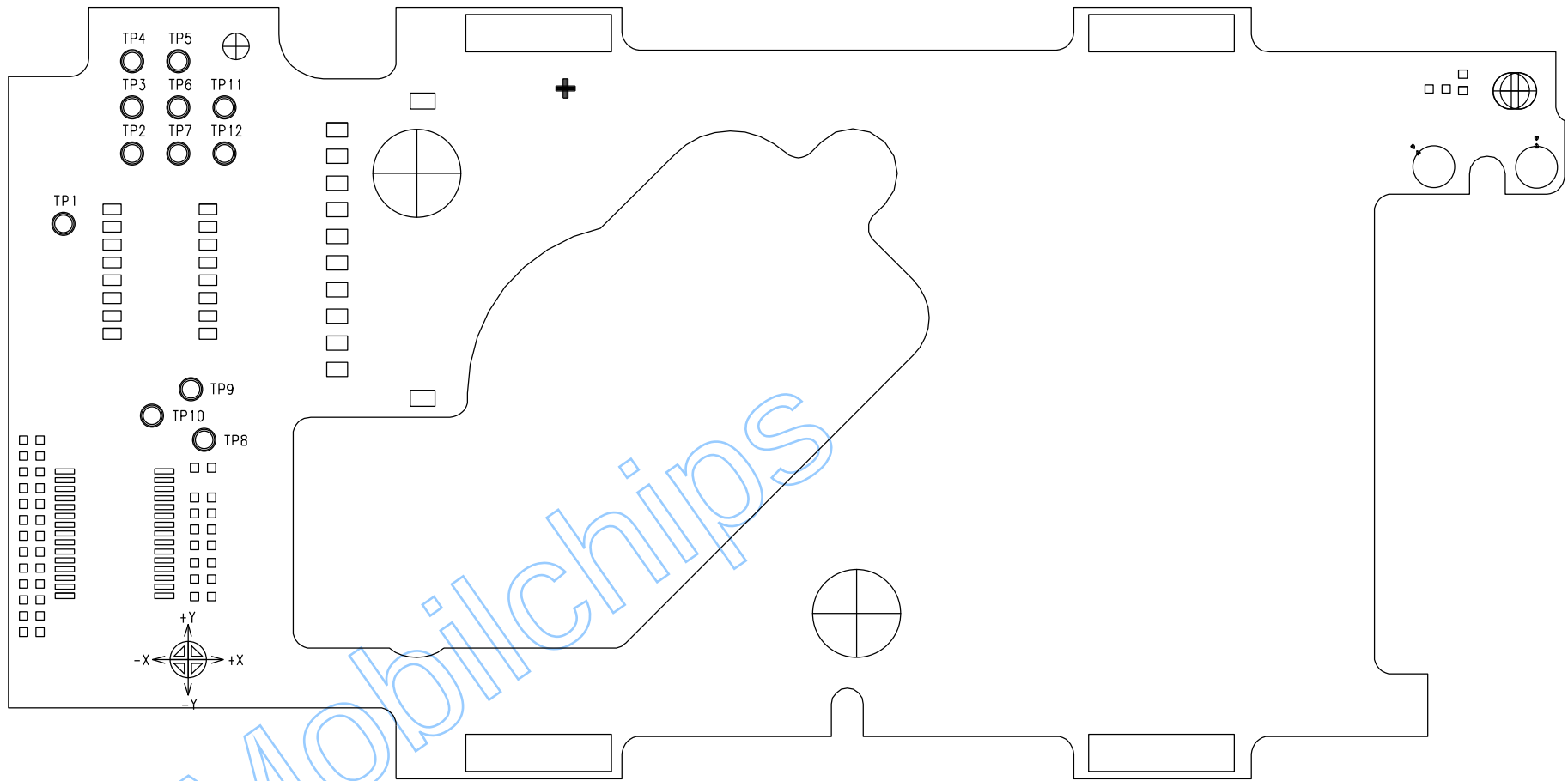
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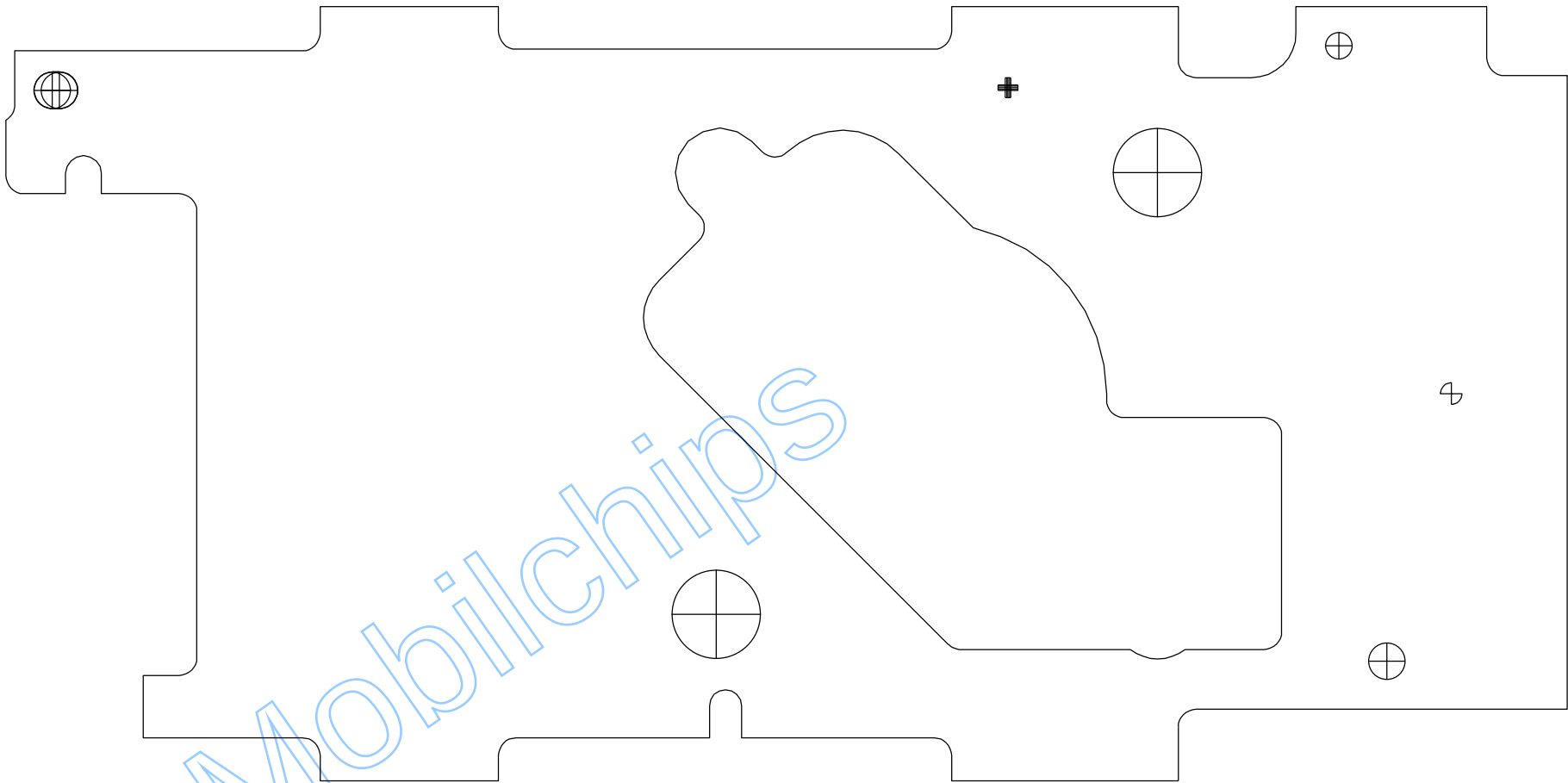
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TP11	4A
TP12	4A

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				Datum	18.11.2003	LCD Board NE0 L7 B2.1 V1 ASSEMBLY TESTPOINT DIAGRAMM (SIDE 1)	3:1
				Bearb	Koelbl		
				Gepr.			
				Norm			
				HW4 MCH2		83909	Blatt 1+
				Siemens AG			
1	17268	21.07.2004	SD				
Zust.	Mitteilung	Datum	Name	(Created by BOM number: A5B00900157991-17268)			

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				Datum	18.11.2003	LCD Board NE0 L7 B2.1 V1 ASSEMBLY TESTPOINT DIAGRAMM (SIDE 2)	3:1
				Bearb	Koelbl		
				Gepr.			
				Norm			
					HW4 MCH2	83909	Blatt 2-
					Siemens AG		
1	17268	21.07.2004	SD				
Zust.	Mitteilung	Datum	Name	(Created by BOM number: A5B00900157991-17268)			

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HIERARCHY				SHEET			PDF-SHEET			
A5B00900152703-17039				index			sheet 1			
				netlist1			sheet 2			
				poslist1			sheet 3			
				sheet1			sheet 4			
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										C
										D
										E

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PX_IN2 /sheet1 5 B /sheet1 2 C				
PX_IN3 /sheet1 5 A /sheet1 2 C				
PX_IN4 /sheet1 8 C /sheet1 2 C				
PX_IN5 /sheet1 8 B /sheet1 2 C				
PX_IN6 /sheet1 8 A /sheet1 2 C				
PX_OUT5 /sheet1 5 C /sheet1 9 C /sheet1 2 C				
PX_OUT6 /sheet1 6 C /sheet1 9 C /sheet1 2 C				
PX_OUT7 /sheet1 6 C /sheet1 10 C /sheet1 2 C				
VBOOST /sheet1 2 B /sheet1 4 A				

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				DATE	16.01.2004	MMI Board NEO F7 V1 ASSEMBLY TOP HIERARCHY LEVEL SCHEMATIC	1:1
				USER	Schupfer		
				APPR'D			
				HW4 MCH1			
				Siemens AG		76084	netlist1
2	17039	15.07.2004	SD				
1	15303	24.05.2004	SD				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900152704-17039)			

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1

2

3

4

5

R1 /sheet1 3 A

R3 /sheet1 3 B

TP7 /sheet1 2 B

TP3 /sheet1 2 A

TP4 /sheet1 1 A

TP2 /sheet1 3 A

TP6 /sheet1 3 B

TP1 /sheet1 3 A

V1 /sheet1 3 A

V2 /sheet1 2 A

V4 /sheet1 3 B

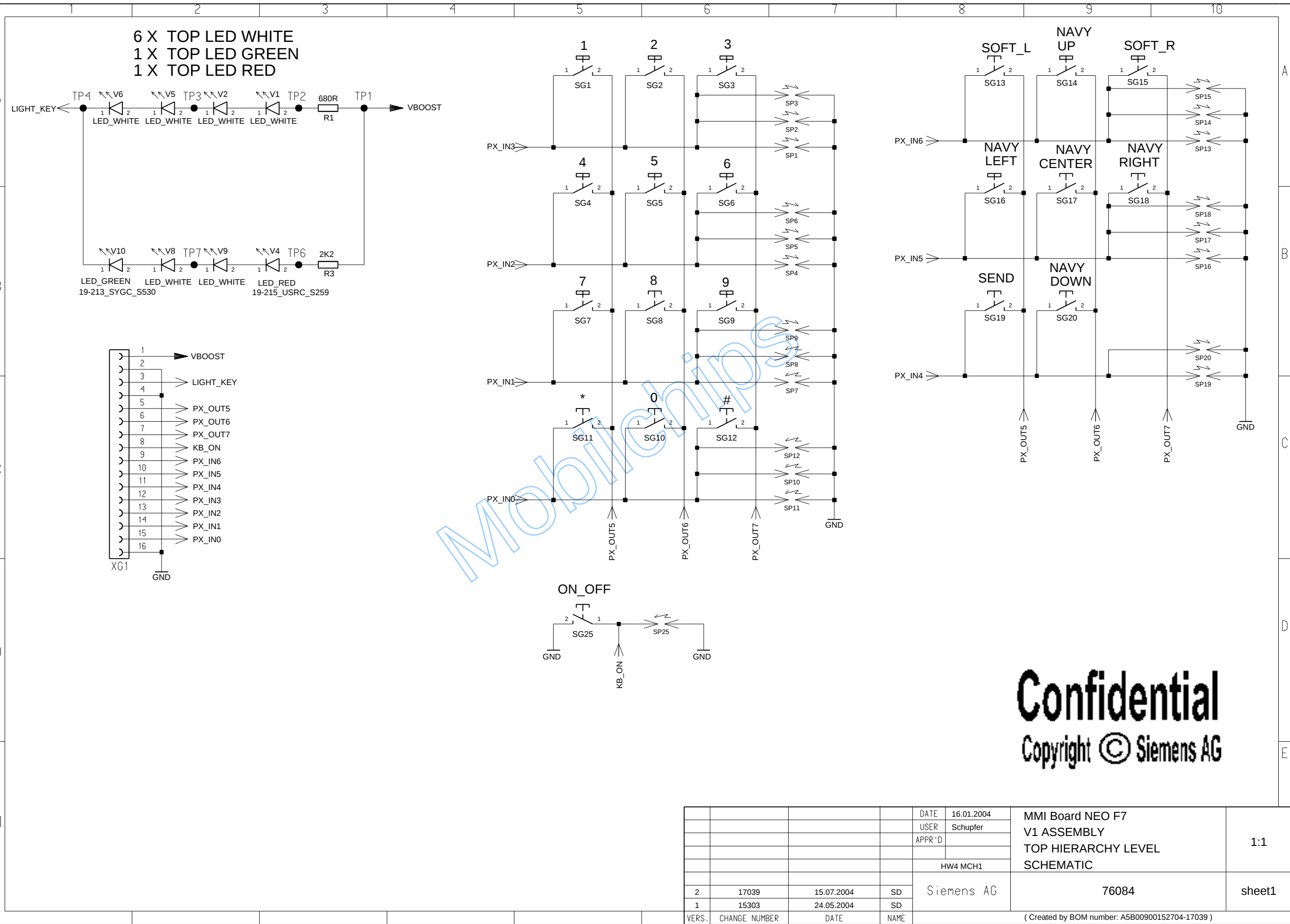
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V6 /sheet1 2 A

V8 /sheet1 2 B

V9 /sheet1 2 B

V10 /sheet1 2 B

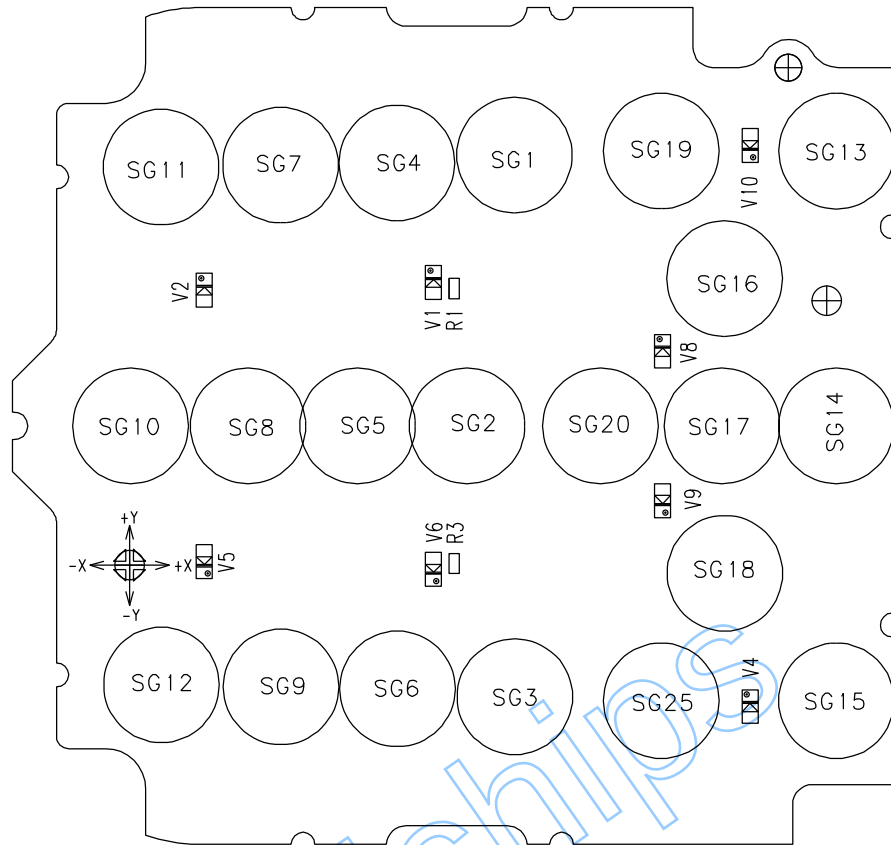


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				USER	Schupfer		
				APPR'D			
				HW4 MCH1			
2	17039	15.07.2004	SD	Siemens AG		76084	sheet1
1	15303	24.05.2004	SD				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900152704-17039)			

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1 2 3 4 5



R1	3A
R3	3B
V1	3A
V2	2A
V4	4B
V5	2B
V6	3B
V8	4A
V9	4B
V10	4A

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Liefervarianten siehe : V24851-Z2000-A1-*-35

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				Bearb	Schupfer		
				Gepr.			
				Norm			
				HW4 MCH1		76085	Blatt 1 +
				Siemens AG			
1	15303	24.05.2004	SD				
Zust.	Mitteilung	Datum	Name	(Created by BOM number: A5B00900152704-15303)			

A

B

D

E

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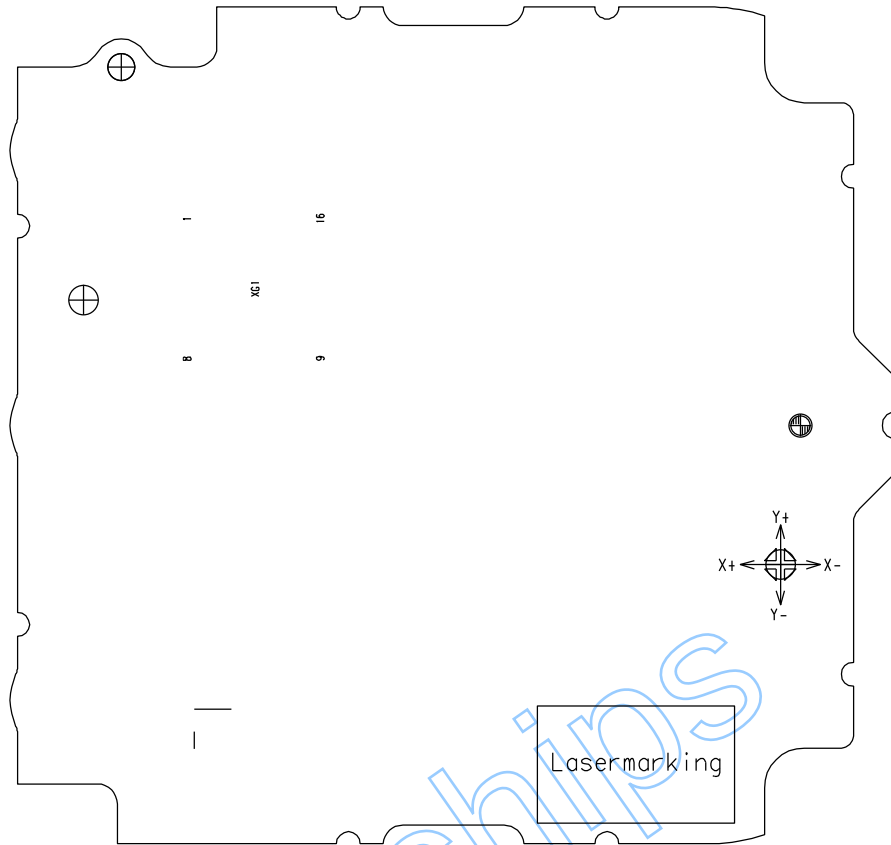
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A

B

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E



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Liefervarianten siehe : V24851-Z2000-A1-*-35

				Datum	16.01.2004	MMI Board NEO F7 V1 ASSEMBLY WIRING DIAGRAMM (SOLDER SIDE 2)	3 : 1
				Bearb	Schupfer		
				Gepr.			
				Norm			
				HW4 MCH1		76085	Blatt 2+
				Siemens AG			
1	15303	24.05.2004	SD				
Zust.	Mitteilung	Datum	Name	(Created by BOM number: A5B00900152704-15303)			