Proprietary data, company confidential.
All rights reserved

Als Betriebsgeheimnis anvertraut
Alle Rechte vorbehalten

1	2	3	4	5

HIERARCHY	SHEET	PDF-SHEET
A5B00900180631-26358	index	sheet 1
	netlist1	sheet 2
	poslist1	sheet 3
	page1	----
	sheet1	sheet 4
	sheet2	sheet 5
	sheet3	sheet 6
	sheet4	sheet 7
	sheet5	sheet 8
	sheet6	sheet 9
	sheet7	sheet 10
	sheet8	sheet 11
	sheet9	sheet 12
	sheet10	sheet 13

A

B

C

D

E

				DATE	24.03.2005	Pegasus B6E B2 Assembled AMD Variant2 B2 Layout TOP HIERARCHY LEVEL SCHEMATIC	1:1
				USER	TLL		
				APPR'D			
				COM MD PD HW			
2	27111	11.05.2005	ZSX	Siemens AG		147454	index
1	25179	24.03.2005	TLL				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900169571-27111)			

Proprietary data, company confidential.
All rights reserved

Als Betriebsgeheimnis anvertraut
Alle Rechte vorbehalten

1
/sheet5 14 E

1.5V
/sheet7 14 B
/sheet5 2 C

1.5V_DSP
/sheet5 4 C

1.5V_MAIN
/sheet5 3 C

3_SIN26M
/sheet1 13 D

A(0)
/sheet6 6 E

A(0:23)
/sheet6 15 E
/sheet6 2 C
/sheet6 9 F
/sheet6 3 F
/sheet5 13 F

A(23)
/sheet5 8 E

AC_CTS
/sheet8 13 E
/sheet5 9 C

AC_DCD
/sheet8 13 E
/sheet5 14 E

AC_RTS
/sheet8 13 E
/sheet5 9 C

AC_RX
/sheet8 13 E
/sheet8 14 D
/sheet5 15 E
/sheet5 15 E

AC_TX
/sheet8 13 F
/sheet8 12 D
/sheet5 10 G

AGND
/sheet5 5 F
/sheet5 3 G
/sheet5 4 F
/sheet5 5 G

AKKU_TYP
/sheet8 3 B
/sheet5 11 A

AUDIO_L
/sheet8 9 E
/sheet7 13 D

AUDIO_R
/sheet8 9 E
/sheet7 13 D

BATT+
/sheet1 1 E
/sheet1 7 E
/sheet9 10 B
/sheet9 13 E
/sheet8 4 B
/sheet7 5 B
/sheet7 1 F
/sheet7 7 D
/sheet7 7 A
/sheet7 6 F
/sheet5 9 A
/sheet4 11 D
/sheet4 14 D
/sheet10 9 E

BHE
/sheet6 15 E
/sheet6 6 E
/sheet5 10 F

BREF
/sheet5 15 A
/sheet5 1 E

BT_SIN26M
/sheet1 13 D

CCCLK
/sheet5 14 D
/sheet10 7 E

CCIO
/sheet5 14 D
/sheet10 7 E

CCRST
/sheet5 14 D
/sheet10 7 E

CCVCC
/sheet7 14 B
/sheet10 7 F

CHARGE_UC
/sheet7 10 C
/sheet6 15 F
/sheet5 14 D

CS_FLASH_1
/sheet6 15 E
/sheet6 5 B
/sheet6 5 C
/sheet6 12 E
/sheet6 12 E
/sheet5 10 F

CS_SRAM
/sheet6 15 E
/sheet6 6 E
/sheet5 10 F

CTS_1
/sheet8 9 E

D(0:15)
/sheet6 15 B
/sheet6 5 B
/sheet6 12 F
/sheet6 5 F
/sheet5 12 C

DCD_1
/sheet8 9 E

EPN1
/sheet9 5 F
/sheet7 13 D

EPN1_FIL
/sheet7 4 D
/sheet5 8 A
/sheet5 6 D

EPP1
/sheet9 5 E
/sheet7 13 D

EPP1_FIL
/sheet7 4 D
/sheet5 8 A
/sheet5 6 E

F_WAIT
/sheet6 15 E
/sheet6 5 D
/sheet6 12 E

GND_MIC
/sheet9 4 C
/sheet8 9 F
/sheet5 4 B
/sheet5 4 B
/sheet5 4 G
/sheet5 6 C
/sheet5 1 B
/sheet5 6 A

GND_STEPUP
/sheet7 7 G
/sheet7 10 G
/sheet7 9 G
/sheet7 8 G
/sheet7 8 F
/sheet7 11 F
/sheet7 7 F

GSM_PA_IN
/sheet1 1 F
/sheet1 9 F

HF_OUT
/sheet1 1 C
/sheet2 4 C

HF_OUT1
/sheet4 10 E
/sheet2 6 C

HW_CODING1
/sheet5 12 B
/sheet5 8 D

HW_CODING2
/sheet5 12 B
/sheet5 14 E

HW_CODING3
/sheet5 12 B
/sheet5 14 E

HW_CODING4
/sheet5 8 D
/sheet5 12 A

HW_CODING5
/sheet5 10 C
/sheet5 9 C
/sheet5 15 B

HW_CODING6
/sheet5 10 F
/sheet5 10 G
/sheet5 15 B

I2C_CLK
/sheet7 10 C
/sheet5 9 C

I2C_DAT
/sheet7 10 C
/sheet5 9 C

I2C_IRQ
/sheet7 10 C
/sheet6 15 F
/sheet5 11 D

I2SCA0
/sheet7 7 E
/sheet5 15 E

I2SDA0
/sheet7 7 E
/sheet5 15 E

I2SWA0
/sheet7 7 E
/sheet5 15 E

IR_RX
/sheet9 9 E
/sheet8 14 D

IR_SEL
/sheet9 13 E
/sheet5 15 E

IR_TX
/sheet9 13 E
/sheet8 12 D

KB0
/sheet5 8 E
/sheet3 14 D

KB2
/sheet5 8 E
/sheet3 14 E

KB3
/sheet5 8 E
/sheet3 14 D

KB4
/sheet5 8 E
/sheet3 14 D

KB5
/sheet5 8 E
/sheet3 14 E

KB6
/sheet5 8 E
/sheet3 14 C

KB7
/sheet7 7 C
/sheet5 7 E
/sheet3 14 C

KB8
/sheet5 8 E
/sheet3 14 C

KB9
/sheet5 8 E
/sheet3 14 C

KP_7
/sheet5 8 E

LCD_CLK
/sheet8 10 A
/sheet5 9 C
/sheet4 11 C
/sheet4 14 C

LCD_CS
/sheet8 10 A
/sheet5 10 C
/sheet4 14 C
/sheet4 11 C

LCD_DAT
/sheet8 10 B
/sheet5 9 C
/sheet4 14 C
/sheet4 11 C

LCD_RESET
/sheet8 10 A
/sheet5 10 C
/sheet4 14 C
/sheet4 11 C

LCD_RS
/sheet8 10 A
/sheet5 9 C
/sheet4 14 C
/sheet4 11 C

LIGHT_1
/sheet10 9 F
/sheet10 12 B

LIGHT_DISP
/sheet8 10 B
/sheet4 11 C
/sheet4 14 C
/sheet10 7 B

LIGHT_KB
/sheet5 15 E
/sheet10 9 B

LIGHT_LCD
/sheet5 11 C
/sheet10 5 B

MICN1
/sheet9 5 B
/sheet5 3 B
/sheet5 1 D

MICN2
/sheet5 4 A
/sheet5 1 D

MICP1
/sheet9 5 B
/sheet5 3 B
/sheet5 1 D

MICP2
/sheet8 9 F
/sheet5 4 A
/sheet5 1 D

MON1
/sheet5 9 F

MON2
/sheet5 9 F
/page1 3 A

OEN
/sheet5 10 F

PCN_PA_IN
/sheet1 1 F
/sheet1 9 F

POWER
/sheet8 9 E
/sheet7 2 C

RD
/sheet6 15 E
/sheet6 5 B
/sheet6 12 E
/sheet6 6 E
/sheet5 10 F

RESET_UC
/sheet7 11 C
/sheet6 11 E
/sheet6 7 B
/sheet6 5 B
/sheet5 12 C

RF_AFC
/sheet1 15 C
/sheet5 10 C
/sheet4 4 C
/sheet4 2 C

RF_ANT_DET
/sheet5 14 D
/sheet4 4 D
/sheet4 2 D
/sheet2 7 D

RF_BAND_SW
/sheet1 7 F
/sheet5 8 D
/sheet4 4 F
/sheet4 2 F

RF_CLK
/sheet1 15 E
/sheet5 14 F
/sheet4 4 A
/sheet4 2 A

RF_DAT
/sheet1 15 D
/sheet5 14 F
/sheet4 4 B
/sheet4 2 B

RF_FE_DTR_DCS
/sheet1 2 D
/sheet5 8 D
/sheet4 4 C
/sheet4 2 C

RF_FE_DTR_GSM
/sheet1 2 D
/sheet5 8 E
/sheet4 2 C
/sheet4 4 C

RF_I
/sheet1 9 F
/sheet5 1 E
/sheet4 4 B
/sheet4 2 B

RF_IX
/sheet1 10 F
/sheet5 1 E
/sheet4 2 B
/sheet4 4 B

RF_Q
/sheet1 10 F
/sheet5 1 E
/sheet4 4 B
/sheet4 2 B

RF_QX
/sheet1 10 F
/sheet5 1 E
/sheet4 2 B
/sheet4 4 B

RF_RAMP1
/sheet1 1 F
/sheet5 6 C
/sheet4 4 C
/sheet4 2 C

RF_SIN26M
/sheet1 14 D
/sheet5 11 C
/sheet4 2 C
/sheet4 4 C

RF_STR
/sheet1 15 E
/sheet5 14 E
/sheet4 4 A
/sheet4 2 A

RF_TXONPA
/sheet1 1 E
/sheet5 8 E
/sheet4 4 D
/sheet4 2 D

RINGIN
/sheet7 7 E
/sheet5 10 C

RTC_INT
/sheet7 7 C
/sheet5 12 C

RTS_1
/sheet8 9 E

RX
/sheet8 14 D
/sheet5 9 C

RX_1
/sheet8 9 E

RX_DEPUTY
/sheet5 14 E

SENSE
/sheet7 5 C
/sheet7 8 A

SLEEPQ
/sheet7 7 B
/sheet5 8 D

STEPUP_SHUD
/sheet7 7 G
/sheet5 15 E

SW_SEL
/sheet8 12 D
/sheet8 14 D
/sheet5 15 D

TBAT
/sheet5 11 A
/sheet5 1 E

TCK
/sheet5 9 F
/page1 3 B

TDI
/sheet5 9 F
/page1 3 B

TDO
/sheet5 9 F
/page1 3 C

TMS
/sheet5 9 F
/page1 3 C

TRIGIN
/sheet6 15 F
/sheet5 9 F

TRIGOUT
/sheet6 15 F
/sheet5 9 F

TRST
/sheet5 9 F
/page1 3 C

TTRACE
/sheet5 13 D

TVCO
/sheet1 15 C
/sheet5 14 A
/sheet5 1 D
/sheet4 2 D
/sheet4 4 D

TX
/sheet8 12 D
/sheet5 9 C

TX_1
/sheet8 9 E

TX_DUPUTY
/sheet5 10 F

TX_GSM_OUT
/sheet1 7 G
/sheet1 2 C

TX_PCN_OUT
/sheet1 7 F
/sheet1 2 C

VBAT
/sheet5 9 B
/sheet5 1 E

VBOOST
/sheet8 10 B
/sheet7 10 F

VCXOEN_UC
/sheet7 6 B
/sheet5 10 C

VDDA_2.65V
/sheet9 9 E
/sheet8 3 B
/sheet7 14 B
/sheet7 10 C
/sheet5 5 C

VDD_BRIGHT
/sheet1 8 A
/sheet1 9 A
/sheet1 8 F
/sheet1 8 A
/sheet1 8 F
/sheet1 12 D
/sheet1 9 F
/sheet1 10 A
/sheet1 10 B
/sheet1 10 A

VDD_CHARGE
/sheet7 5 B
/sheet7 7 C

VDD_RF1
/sheet1 11 A
/sheet7 14 B
/sheet4 2 E
/sheet2 9 D

VDD_RF2
/sheet1 11 A
/sheet1 11 C
/sheet7 14 B
/sheet4 4 E
/sheet4 2 E

VDD_RTC
/sheet7 14 B
/sheet7 7 C
/sheet5 4 C
/sheet5 9 C

VDD_SIM
/sheet5 15 D
/sheet5 4 C

VDIG_2.65V
/sheet8 11 F
/sheet8 12 D
/sheet7 2 G
/sheet7 2 F
/sheet7 14 B
/sheet7 11 C
/sheet5 10 A
/sheet5 10 B
/sheet5 13 B
/sheet5 4 C
/page1 2 B
/page1 2 B

VEBU_1.8
/sheet7 5 E
/sheet6 6 E

VEBU_1.8FLASH
/sheet6 5 D
/sheet6 5 D
/sheet6 2 D
/sheet6 7 D
/sheet6 8 D
/sheet6 10 D
/sheet6 12 D

VEBU_1.8PSRAM
/sheet6 8 E
/sheet6 3 E

VEBU_2.9
/sheet8 10 B
/sheet8 12 E
/sheet7 5 F
/sheet6 7 A
/sheet6 2 B
/sheet6 3 E
/sheet6 6 A
/sheet5 4 C
/sheet5 4 B
/sheet5 11 G
/sheet5 13 B
/sheet4 14 B
/sheet4 11 B

VEBU_2.9FLASH
/sheet6 5 C
/sheet6 10 D
/sheet6 11 E
/sheet6 11 E
/sheet6 2 B

VIBRA_UC
/sheet9 10 B
/sheet5 14 D

VMIC
/sheet5 5 A
/sheet5 4 A

VREGA
/sheet7 7 E
/sheet7 10 D
/sheet7 8 E

WA_DOG
/sheet7 6 C
/sheet5 10 C

WR
/sheet6 15 E
/sheet6 5 B
/sheet6 12 E
/sheet6 6 E
/sheet5 10 F

VERS.	CHANGE NUMBER	DATE	NAME
2	27111	11.05.2005	ZSX
1	25179	24.03.2005	TLL

DATE	24.03.2005
USER	TLL
APPR'D	
COM MD PD HW	

Siemens AG

Pegasus B6E B2 Assembled AMD Variant2
B2 Layout
TOP HIERARCHY LEVEL
SCHEMATIC

1:1

147454

netlist1

(Created by BOM number: A5B00900169571-27111)

Proprietary data, company confidential.
All rights reserved

Als Betriebsgeheimnis anvertraut
Alle Rechte vorbehalten

C3 /sheet7 2 E
C5 /sheet7 4 F
C6 /sheet7 4 F
C101 /sheet5 2 B
C102 /sheet5 3 B
C103 /sheet5 3 B
C104 /sheet5 4 B
C106 /sheet5 6 A
C107 /sheet5 6 A
C108 /sheet5 1 D
C110 /sheet5 1 D
C111 /sheet5 1 D
C113 /sheet5 1 D
C114 /sheet5 7 A
C115 /sheet5 7 A
C116 /sheet5 9 A
C131 /sheet5 13 A
C132 /sheet5 9 A
C151 /sheet5 2 D
C152 /sheet5 4 C
C153 /sheet5 6 C
C154 /sheet5 6 C
C155 /sheet5 5 C
C156 /sheet5 6 C
C157 /sheet5 4 C
C158 /sheet5 4 C
C159 /sheet5 7 C
C160 /sheet5 10 C
C161 /sheet5 4 D
C162 /sheet5 1 D
C163 /sheet5 6 C
C164 /sheet5 6 E
C165 /sheet5 8 C
C166 /sheet5 1 D
C167 /sheet5 2 D
C168 /sheet5 3 D
C169 /sheet5 11 C
C170 /sheet5 2 D
C172 /sheet5 11 C
C173 /sheet5 11 C
C200 /sheet6 2 A
C201 /sheet6 3 E
C202 /sheet6 3 E
C203 /sheet7 2 G
C204 /sheet7 2 G
C207 /sheet6 2 A
C209 /sheet6 3 A
C210 /sheet6 2 D
C211 /sheet6 6 D
C212 /sheet8 6 E
C213 /sheet8 9 F
C214 /sheet8 9 F
C215 /sheet8 11 F
C216 /sheet8 8 F
C217 /sheet8 7 F
C218 /sheet8 6 E
C219 /sheet8 10 F
C220 /sheet6 6 B
C221 /sheet8 7 F
C222 /sheet8 7 F
C223 /sheet8 6 F
C224 /sheet9 11 B
C225 /sheet9 10 C
C226 /sheet9 11 C
C227 /sheet8 8 F
C228 /sheet7 2 G
C229 /sheet7 4 G
C230 /sheet7 4 G
C236 /sheet7 1 G
C237 /sheet8 11 E
C238 /sheet9 10 B
C239 /sheet9 11 B
C241 /sheet9 3 B
C242 /sheet9 3 B
C243 /sheet9 3 C
C244 /sheet9 3 B
C245 /sheet9 3 E
C246 /sheet9 3 E
C247 /sheet9 3 F
C261 /sheet9 4 E
C262 /sheet9 5 F
C281 /sheet10 11 B
C295 /sheet10 15 E
C302 /sheet7 12 D
C304 /sheet7 12 D
C350 /sheet7 5 B
C351 /sheet7 5 B
C352 /sheet7 5 C
C353 /sheet7 5 C
C354 /sheet7 5 C
C359 /sheet7 7 E
C360 /sheet7 7 E
C361 /sheet7 7 E
C362 /sheet7 7 B
C363 /sheet7 9 B
C364 /sheet7 7 B
C365 /sheet7 7 B
C366 /sheet7 7 B
C367 /sheet7 7 B
C368 /sheet7 12 B
C369 /sheet7 12 B
C370 /sheet7 12 B
C371 /sheet7 12 B
C372 /sheet7 13 B
C373 /sheet7 13 B
C374 /sheet7 13 B
C375 /sheet7 7 C
C376 /sheet7 6 D
C377 /sheet7 9 D
C379 /sheet7 10 D
C380 /sheet7 6 D
C381 /sheet7 5 D
C382 /sheet7 5 D
C383 /sheet7 10 D
C384 /sheet7 5 D
C385 /sheet7 9 E
C386 /sheet7 7 E
C389 /sheet7 11 E
C390 /sheet7 12 E
C392 /sheet7 12 E
C393 /sheet7 12 E
C395 /sheet7 13 B
C396 /sheet7 10 E
C397 /sheet7 11 E
C398 /sheet7 14 C
C399 /sheet7 11 C
C803 /sheet1 10 E
C805 /sheet1 11 E
C809 /sheet1 8 E
C817 /sheet1 13 E
C818 /sheet1 13 E
C819 /sheet1 14 E
C820 /sheet1 11 B
C821 /sheet1 11 C
C824 /sheet1 9 B
C825 /sheet1 10 B
C826 /sheet1 9 B
C827 /sheet1 9 C
C828 /sheet1 9 C
C831 /sheet1 8 B
C886 /sheet1 3 D
C887 /sheet1 3 D
C900 /sheet1 4 G
C901 /sheet1 5 G
C902 /sheet1 4 G
C903 /sheet1 5 G
C904 /sheet1 5 F
C905 /sheet1 2 E
C907 /sheet1 2 E
C908 /sheet1 4 F
C909 /sheet1 4 F
C910 /sheet1 2 F
C911 /sheet1 5 F
C912 /sheet1 6 F
C913 /sheet1 6 E
C916 /sheet1 6 E
C918 /sheet1 2 E
C951 /sheet1 12 C
C952 /sheet1 14 C
C953 /sheet1 14 C
C955 /sheet1 14 C
C956 /sheet1 15 C
C958 /sheet1 1 E
C961 /sheet1 10 C
C962 /sheet1 8 E
C965 /sheet1 10 B
C1336 /sheet7 8 F
C1337 /sheet7 6 F
C1338 /sheet7 6 F
C1339 /sheet7 7 F
C1356 /sheet7 10 F
C1357 /sheet7 10 F
C1400 /sheet8 3 B
C1402 /sheet8 4 B
C1405 /sheet8 4 B
C1426 /sheet8 2 B
C1604 /sheet10 7 G
C1605 /sheet10 7 G
C2200 /sheet8 9 B
C2201 /sheet8 9 B
C2202 /sheet8 9 B
C2203 /sheet8 8 B
C2231 /sheet8 9 B
C2232 /sheet8 10 B
C2233 /sheet8 9 B
C2235 /sheet8 10 B
C2320 /sheet10 5 B
C2633 /sheet9 12 E
C2634 /sheet9 9 E
C2635 /sheet9 12 E
C2636 /sheet9 9 E
C2650 /sheet9 12 E
C2651 /sheet9 10 E
C2652 /sheet9 13 E
C3803 /sheet2 9 D
C3805 /sheet2 8 D
C3811 /sheet2 5 D
C3812 /sheet2 6 D
C3813 /sheet2 11 D
C3814 /sheet2 10 C
C3815 /sheet2 9 D
C3816 /sheet2 9 C
C3817 /sheet2 10 C
D171-1 /sheet5 2 E
D171-2 /sheet5 13 F
D202 /sheet6 4 G
D203 /sheet6 10 G
D204 /sheet6 3 D
D361 /sheet7 8 E
D902 /sheet1 4 C
D903 /sheet1 8 E
L214 /sheet8 8 E
L215 /sheet8 8 E
L216 /sheet8 6 F
L217 /sheet8 6 F
L901 /sheet1 5 E
L902 /sheet1 5 F
L904 /sheet1 9 B
L1302 /sheet7 9 F
L1303 /sheet7 7 F
L2633 /sheet9 12 E
L3803 /sheet2 10 D
L3804 /sheet2 10 C
L3806 /sheet2 5 C
N211 /sheet8 13 D
N307 /sheet7 2 E
N308 /sheet7 2 G
N901 /sheet1 3 F
N1304 /sheet7 8 G
R101-2 /sheet5 2 A
R101-1 /sheet5 3 A
R102-1 /sheet5 4 A
R102-2 /sheet5 4 A
R103 /sheet5 2 B
R104 /sheet5 4 B
R105 /sheet5 6 A
R106 /sheet5 6 E
R107 /sheet5 15 D
R108 /sheet5 14 E
R111 /sheet5 1 E
R131 /sheet5 11 B
R132 /sheet5 11 B
R133 /sheet5 11 B
R134 /sheet5 11 B
R135 /sheet5 12 B
R136 /sheet5 12 B
R137 /sheet5 11 A
R138 /sheet5 12 B
R139 /sheet5 6 E
R140 /sheet5 15 D
R141 /sheet5 10 A
R143 /sheet5 9 A
R144 /sheet5 14 B
R145 /sheet5 14 B
R146 /sheet5 9 B
R147 /sheet5 10 G
R148 /sheet5 14 B
R149 /sheet5 14 B
R151 /sheet5 3 C
R152 /sheet5 3 C
R153 /sheet5 4 C
R156 /sheet5 11 G
R158 /sheet5 8 C
R159 /sheet5 10 C
R160 /sheet5 6 D
R161 /sheet5 10 C
R162 /sheet5 15 D
R168 /sheet5 13 A
R169 /sheet5 14 A
R170 /sheet5 14 E
R171 /sheet5 14 E
R172 /sheet5 14 E
R173 /sheet5 10 G
R203 /sheet6 7 B
R206 /sheet6 6 B
R207 /sheet6 3 E
R208 /sheet6 7 D
R209 /sheet6 7 E
R210 /sheet6 5 G
R211 /sheet8 5 F
R212 /sheet8 5 F
R213 /sheet8 6 F
R214 /sheet8 12 D
R215 /sheet8 12 E
R220 /sheet9 10 C
R221 /sheet10 10 B
R241 /sheet9 4 B
R242 /sheet9 4 B
R243 /sheet9 4 E
R244 /sheet9 5 E
R271 /sheet3 12 B
R272 /sheet3 13 B
R273 /sheet3 13 B
R274 /sheet3 13 B
R275 /sheet3 12 B
R281 /sheet10 10 B
R287 /sheet10 11 E
R288 /sheet10 12 E
R289 /sheet10 13 E
R290 /sheet10 13 E
R291 /sheet10 14 E
R292 /sheet10 15 E
R293 /sheet10 11 F
R295 /sheet10 10 E
R361 /sheet7 2 C
R362 /sheet7 3 C
R363 /sheet7 4 C
R364 /sheet7 4 D
R365 /sheet7 4 D
R366 /sheet7 5 D
R367 /sheet7 14 C
R368 /sheet7 9 B
R371 /sheet7 7 C
R372 /sheet7 10 E
R373 /sheet7 3 B
R390 /sheet7 9 C
R391 /sheet7 10 C
R395 /sheet7 7 C
R396 /sheet7 10 C
R397 /sheet7 7 B
R500 /page1 3 A
R805 /sheet1 11 D
R806 /sheet1 11 D
R881 /sheet1 2 D
R882 /sheet1 2 D
R883 /sheet1 10 F
R901 /sheet1 5 G
R902 /sheet1 8 F
R907 /sheet1 2 E
R908 /sheet1 5 F
R951 /sheet1 14 C
R952 /sheet1 14 C
R953 /sheet1 14 C
R954 /sheet1 15 C
R955 /sheet1 15 C
R956 /sheet1 11 A
R957 /sheet1 11 A
R958 /sheet1 11 B
R959 /sheet1 12 D
R960 /sheet1 13 C
R961 /sheet1 13 C
R1340 /sheet7 10 F
R1341 /sheet7 10 F
R1342 /sheet7 8 G
R1343 /sheet7 11 F
R1614 /sheet10 7 F
R2201 /sheet5 10 C
R2202 /sheet5 9 C
R2203 /sheet5 9 C
R2204 /sheet5 9 C
R2310 /sheet10 5 B
R2311 /sheet10 6 C
R2312 /sheet10 6 C
R2632 /sheet9 11 E
R2635 /sheet9 13 E
R2636 /sheet9 12 F
R3801 /sheet2 8 D
R3802 /sheet2 9 D
TP3971 /sheet1 12 A
TP820 /sheet1 13 D
TP900 /sheet1 1 E
TP2201 /sheet8 10 B
TP214 /sheet8 5 E
TP213 /sheet8 5 E
TP362 /sheet7 10 B
TP361 /sheet7 2 C
TP368 /sheet7 14 B
TP369 /sheet7 14 B
TP367 /sheet7 14 B
TP374 /sheet7 10 F
TP365 /sheet7 7 C
TP371 /sheet7 10 C
TP364 /sheet7 5 E
TP363 /sheet7 14 B
TP366 /sheet7 14 B
TP134 /sheet6 6 B
TP131 /sheet5 14 A
TP110 /sheet5 13 A
TP150 /sheet5 9 F
TP156 /sheet5 9 F
TP151 /sheet5 9 F
TP157 /sheet5 7 E
TP154 /sheet5 9 F
TP158 /sheet5 4 C
TP155 /sheet5 9 F
TP132 /sheet5 10 A
TP153 /sheet5 9 F
TP152 /sheet5 9 F
TP281 /sheet10 11 B
V151 /sheet5 8 E
V211 /sheet9 11 B
V220 /sheet9 11 B
V222-2 /sheet10 10 B
V286 /sheet10 11 F
V287 /sheet10 12 F
V288 /sheet10 13 F
V289 /sheet10 13 F
V290 /sheet10 14 F
V291 /sheet10 15 F
V361-1 /sheet7 3 C
V361-2 /sheet7 4 C
V950 /sheet1 13 C
V1303 /sheet7 9 F
V1400 /sheet8 3 B
V2302 /sheet10 6 B
V2650 /sheet9 11 E
X100 /sheet5 2 G
X211 /sheet8 2 F
X300 /sheet1 9 G
X1400 /sheet8 2 B
X1603 /sheet10 3 E
X1700 /sheet9 1 G
X2200 /sheet8 9 C
X2202 /sheet8 7 A
X3800 /sheet2 8 C
Z171 /sheet5 11 C
Z211 /sheet8 11 F
Z950 /sheet1 13 C
Z1601 /sheet10 4 E

VERS.	CHANGE NUMBER	DATE	NAME
2	27111	11.05.2005	ZSX
1	25179	24.03.2005	TLL

DATE 24.03.2005
USER TLL
APPR'D
COM MD PD HW

Siemens AG

Pegasus B6E B2 Assembled AMD Variant2
B2 Layout
TOP HIERARCHY LEVEL
SCHEMATIC

1:1

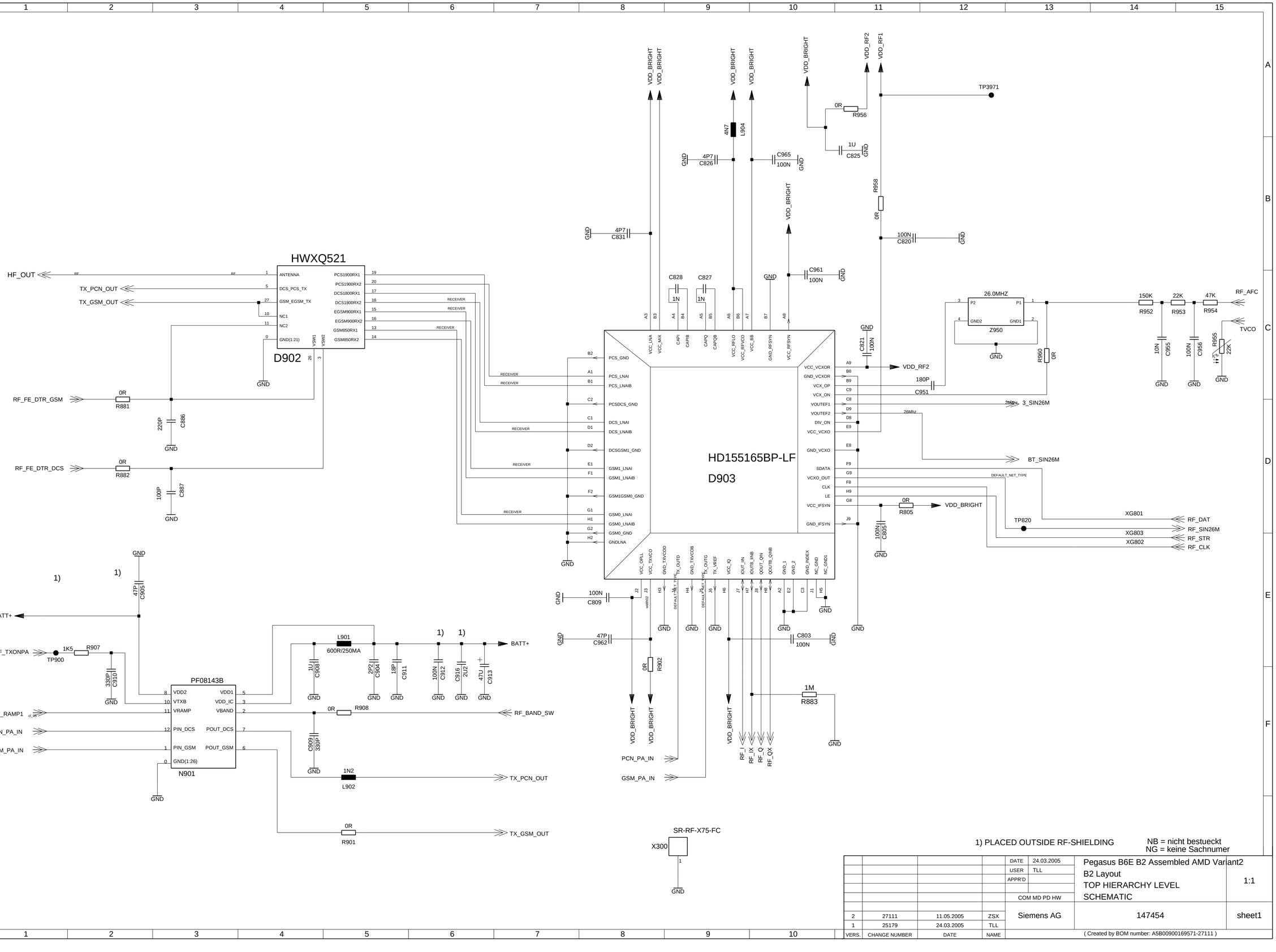
147454

poslist1

(Created by BOM number: A5B00900169571-27111)

Proprietary data, Company confidential.
all rights reserved

Als Betriebsgeheimnis anvertraut
alle Rechte vorbehalten



				DATE	24.03.2005
				USER	TLL
				APPR'D	
				COM MD PD HW	
2	27111	11.05.2005	ZSX	Siemens AG	147454
1	25179	24.03.2005	TLL		
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900169571-27111)	

Pegasus B6E B2 Assembled AMD Variant2
B2 Layout
TOP HIERARCHY LEVEL
SCHEMATIC

1:1

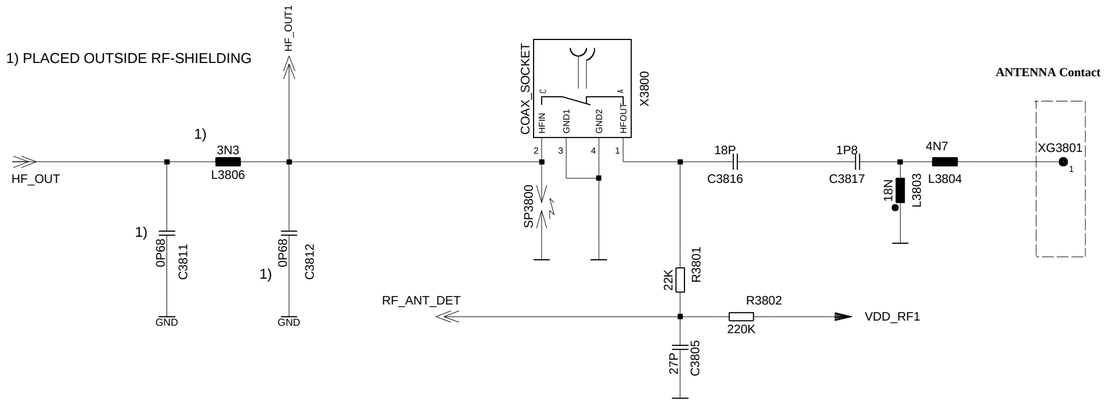
sheet1

Propietary data, Company confidential.
all rights reserved

Als Betriebsgeheimnis anvertraut
alle Rechte vorbehalten

ANTENNA _CIRCUIT

3800-3849



				DATE	24.03.2005
				USER	TLL
				APPR'D	
				COM MD PD HW	
2	27111	11.05.2005	ZSX	Siemens AG	
1	25179	24.03.2005	TLL		
VERS.	CHANGE NUMBER	DATE	NAME		

Pegasus B6E B2 Assembled AMD Variant2
B2 Layout
TOP HIERARCHY LEVEL
SCHEMATIC

1:1

147454

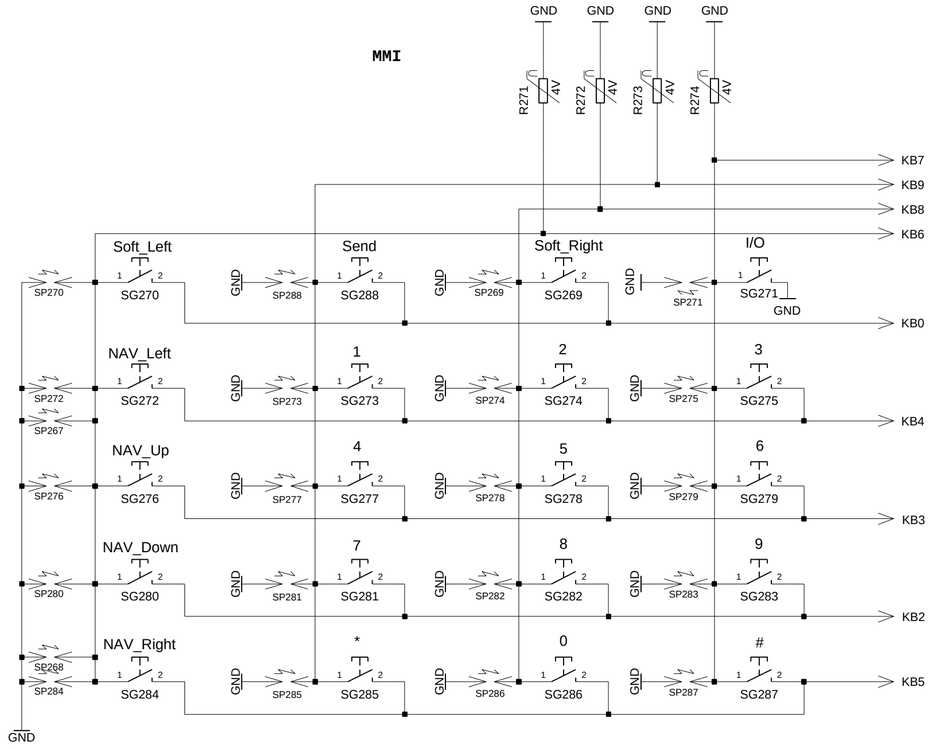
sheet2

(Created by BOM number: A5B00900169571-27111)

Proprietary data, Company confidential.
all rights reserved

Als Betriebsgeheimnis anvertraut
alle Rechte vorbehalten

MMI



ESD_frame

XG293

GND

				DATE	24.03.2005
				USER	TLL
				APPR'D	
				COM MD PD HW	
2	27111	11.05.2005	ZSX	Siemens AG	
1	25179	24.03.2005	TLL		
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900169571-27111)	

Pegasus B6E B2 Assembled AMD Variant2
B2 Layout
TOP HIERARCHY LEVEL
SCHEMATIC

1:1

147454

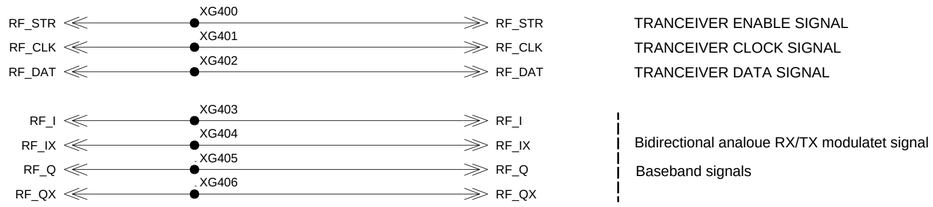
sheet3

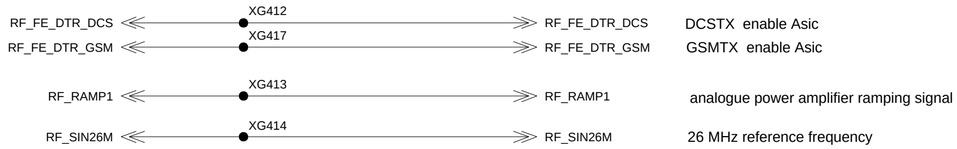
Proprietary data, Company confidential.
all rights reserved

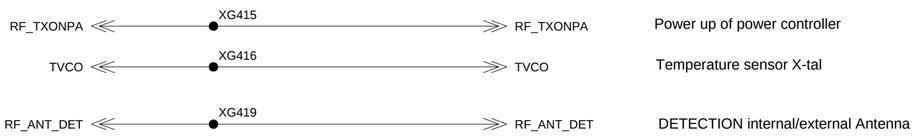
Als Betriebsgeheimnis anvertraut
alle Rechte vorbehalten

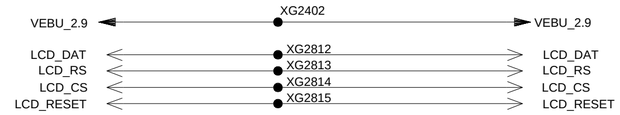
HIT_POINTS LOGIK/HF_PART_1_B6E

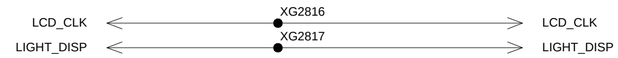
400-449











VERS.	CHANGE NUMBER	DATE	NAME
2	27111	11.05.2005	ZSX
1	25179	24.03.2005	TLL

DATE 24.03.2005
USER TLL
APPR'D
COM MD PD HW

Siemens AG

Pegasus B6E B2 Assembled AMD Variant2
B2 Layout
TOP HIERARCHY LEVEL
SCHEMATIC

1:1

147454

sheet4

(Created by BOM number: A5B00900169571-27111)

Proprietary data, Company confidential.
all rights reserved

Als Betriebsgeheimnis anvertraut
alle Rechte vorbehalten

MICROPHONE_CIRCUIT

100-130

VMIC
MICP2
MICN2
MICP1
MICN1
Nahe Gaim
5K6 R103
GND_MIC
R101-2 2K2*2
R101-1 2K2*2
R102-1 2K2*2
R102-2 2K2*2
3N9 C104
5K6 R104
GND_MIC GND_MIC
VMIC
10U C107
GND
270R R105
1N5 C106
GND_MIC

BASEBAND_POWERSUPPLY_GSM

BATT+
330K R143
150K R146
GND
VBAT
131-150
TP132 TBAT
0R R141
AKKU_TYP
VDIG_2.65V
R137 100K
R133 100K
HW_CODING4
HW_CODING1
HW_CODING2
HW_CODING3
100K R135
100K R136
GND

CRYSTAL_OSCILLATOR_GSM

TP110 TVCO
15K R168
GND
TP131 BREF
15K R169
GND
HW_CODING5
HW_CODING6
100K R148
100K R149
GND

DCD = SP55
ZUB_CLOCK = L55

BASEBAND_IC_GSM

151-170

VEBU_2.9
GND C152 100N
5R6 R153
Debug_Option
XG151
VDIG_2.65V
1.5V
R152 0R
R151 0R
VDD_SIM
VEBU_2.9
47N C157 GND
47N C158 GND
VDDA_2.65V
100N C153 GND
100N C154 GND
100N C156 GND
100N C159 GND
1.5V_DSP
1.5V_MAIN
VDD_RTC
TP158
C155 220N GND
RF_RAMP1
C163 1N GND
GND_MIC
1K5 R160
220N C162 GND
220N C166 GND
220N C151 GND
220N C167 GND
220N C170 GND
220N C168 GND
220N C161 GND

VDIG_2.65V
1U C160
VCXOEN_UC
VDD_RTC
R159 100K
HW_CODING5
GND GND
LIGHT_LCD
RF_SIN26M
C173 18P
C172 18P
Z171
32.768KHZ
RTC_INT
RESET_UC
SW_TP175
TX RX AC_RTS AC_CTS LCD_CLK LCD_DAT LCD_RS I2C_DAT I2C_CLK RF_AFC
LCD_RESET LCD_CS
RINGIN WA_DOG
100N C165 GND
100R R2203
100R R2204
100R R2202
R161 30K HW_CODING5
R2201 100R
SW_TP177
33P C169
I2C_IRQ
D(0:15)

MICP2 C108 10N J14
MICN2 C110 10N K14
MICP1 C111 10N J15
MICN1 C113 10N K15
TVCO P14
VBAT R14
SW_TP181 R13
TBAT P12
R111 100K P13
BREF N12
SW_TP185 N13
RF_I J12
RF_IX K12
RF_Q J10
RF_QX H10

D171-1
PMB7860-EGOLD_LITE

Digital Power
Analog Power
Digital Ground
Analog Ground
Voiceband Analog
Referenz
Measurement

RF_BAND_SW P11
SW_N_TP170 P10
SLEEPQ R10
HW_CODING1 R11
HW_CODING4 P8
RF_FE_DTR_DCS M8
RF_FE_DTR_GSM N8
A(23) L3
RF_TXONPA P4
P3
PAOUT1 F12
PAOUT1S G10 SW_TP159
TESTS F10 SW_TP174
EPPN1 L13 EPN1_FIL
EPPN1S N9
EPP1 M12 EPP1_FIL
EPP1S K10
EPPA1_1 M13 SW_TP176
EPPA1_2 M14 SW_TP178
EPPA2_1 P15 SW_TP179
EPPA2_2 R15 SW_TP189
VREFN J13
VREFP H15
IREF H13
0R R106
220N C164
22K R139
GND
TP157
V151 RB751S-40
KB7
KP_7
KB9 KB8 KB6 KB5 KB4 KB3 KB2 KB0

D171-2
PMB7860-EGOLD_LITE

TDMA Timer
Keypad
Jtag
Adress Buss
Data Bus
SIM-Card
RF-Contr.

T_OUT11
T_OUT10
T_OUT8
T_OUT7
T_OUT5
T_OUT4
T_OUT3
T_OUT2
T_OUT1
T_OUT0

CCIO L4
CCVZ J2 TTRACE
CCCLK L2
CCRST K2
CCIN M2
CCIO 100K R140 GND
CCCLK
CCRST
SW_SEL

I2S3_WA R8
I2S3_TX M6
I2S3_CLK P6
RF_ANT_DET
VIBRA_UC
CHARGE_UC

I2S2_WA0 N7
I2S2_TX P7
I2S2_RX R5
I2S2_CLK0 P5
I2SWA0
I2SDA0
LIGHT_KB
I2SCA0

I2S1_WA0 R4
I2S1_TX N5
I2S1_RX R3
I2S1_CLK0 R2
0R R108
0R R170
IR_SEL
STEPUP_SHUD
RX_DEPUTY 1M R172
AC_RX

RFSTR0 N4
RFSTR1 M5
RFSTR2 P9
RFSTR3 R9
RF_DATA N6
RF_CLK R6
RF_STR
HW_CODING3
HW_CODING2
AC_DCD
RF_DAT
RF_CLK

TDO TDI TMS TCK TRST TRIGOUT TRIGIN MON1 MON2
CS_FLASH_1
CS_SRAM
HW_CODING6
RD WR BHE
TX_DUPLITY
ADV OEN
12K R173
100K R147
GND
AC_TX
A(0:23)

Shielding Logic

SR-BB-PREMCAM
X100
GND
Debug_Option XG156 AGND GND_MIC
Debug_Option XG157 AGND GND

VERS.	CHANGE NUMBER	DATE	NAME		
2	27111	11.05.2005	ZSX	Siemens AG	147454	sheet5
1	25179	24.03.2005	TLL			

DATE 24.03.2005
USER TLL
APPR'D
COM MD PD HW

Pegasus B6E B2 Assembled AMD Variant2
B2 Layout
TOP HIERARCHY LEVEL
SCHEMATIC

1:1

(Created by BOM number: A5B00900169571-27111)

Proprietary data, Company confidential.
all rights reserved

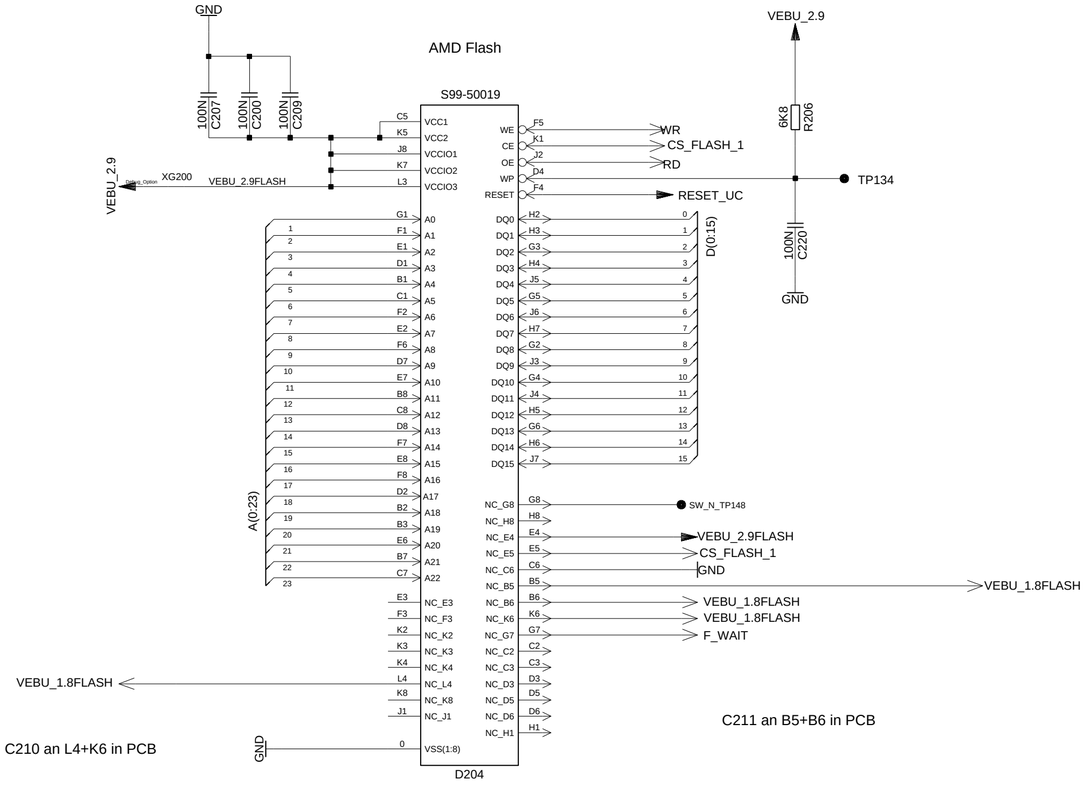
Als Betriebsgeheimnis anvertraut
alle Rechte vorbehalten

BASEBAND_FLASH_GSM

201 - 210

C200 an J8+K7+K5 in PCB
C209 an C5 in PCB
C207 an L3 in PCB

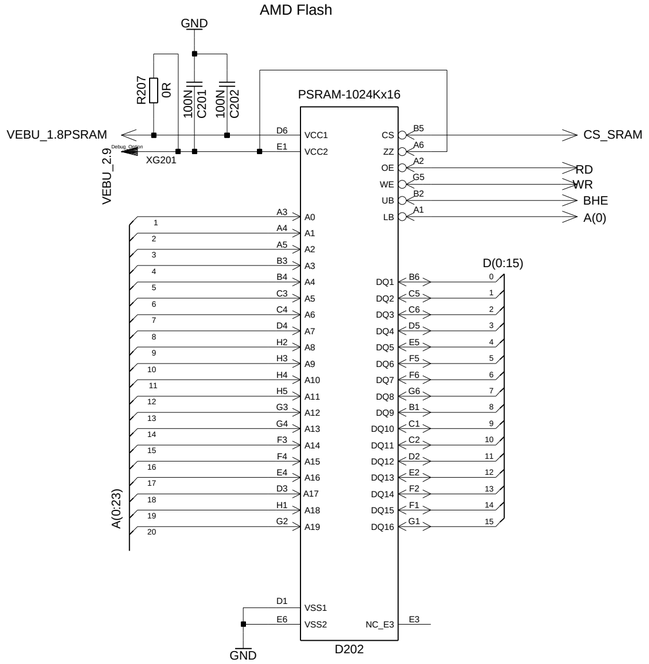
AMD Flash



C211 an B5+B6 in PCB

C210 an L4+K6 in PCB

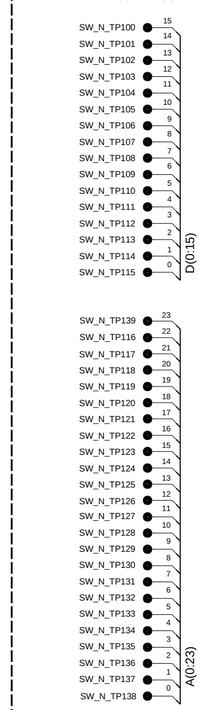
AMD Flash

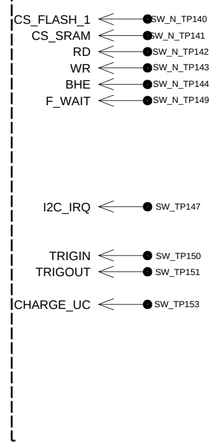


INTEL Flash

SW-TESTPUNKTE

100 - 153





VERS.	CHANGE NUMBER	DATE	NAME		
				DATE	24.03.2005
				USER	TLL
				APPR'D	
				COM MD PD HW	
2	27111	11.05.2005	ZSX	Siemens AG	
1	25179	24.03.2005	TLL		

Pegasus B6E B2 Assembled AMD Variant2
B2 Layout
TOP HIERARCHY LEVEL
SCHEMATIC

1:1

147454

sheet6

(Created by BOM number: A5B00900169571-27111)

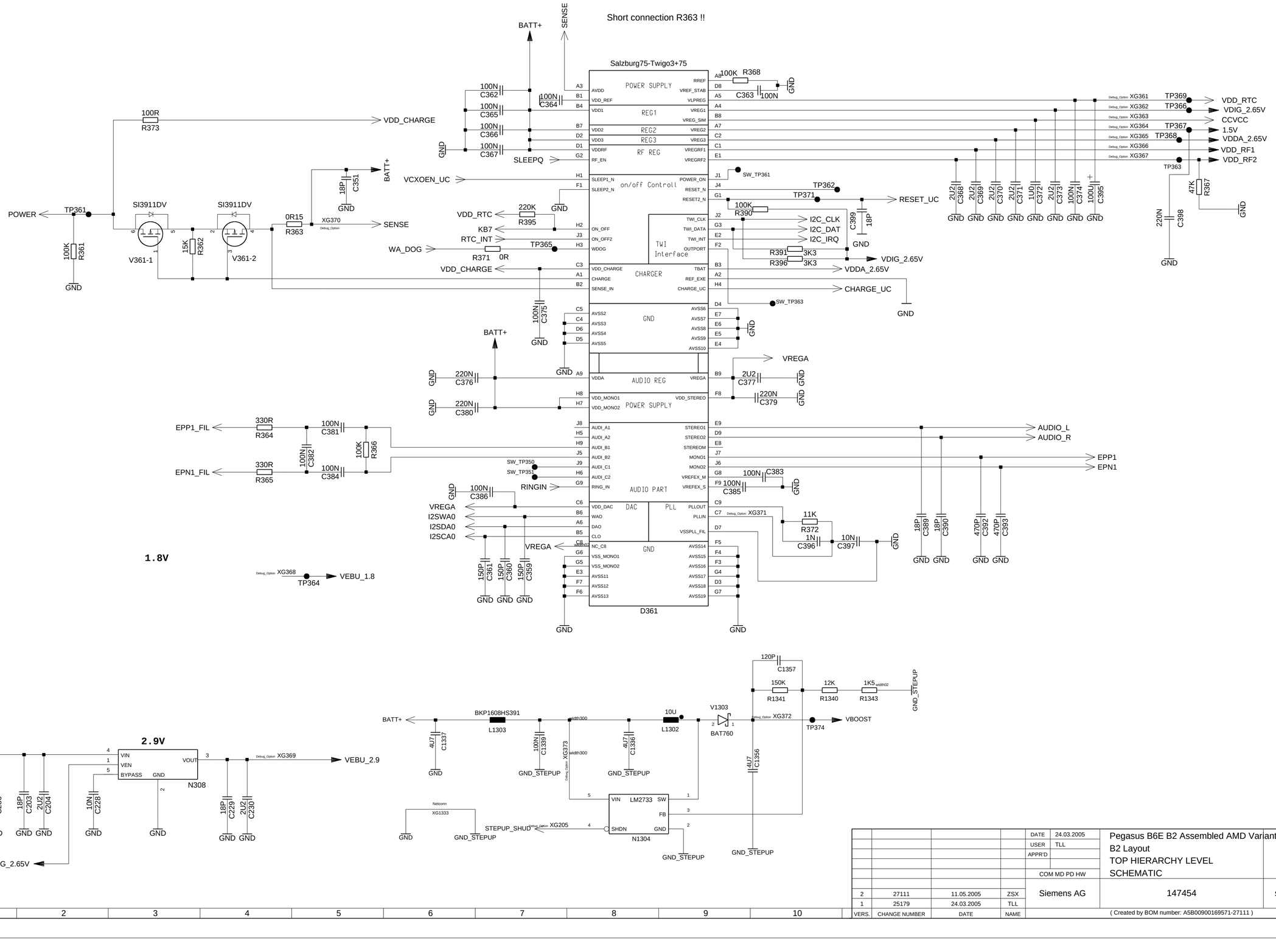
Proprietary data, Company confidential.
all rights reserved

Als Betriebsgeheimnis anvertraut
alle Rechte vorbehalten

BASEBAND_POWERSUPPLY_GSM

Short connection R363 !!

Salzburg75-Twigo3+75



				DATE	24.03.2005
				USER	TLL
				APPR'D	
				COM MD PD HW	
2	27111	11.05.2005	ZSX	Siemens AG	
1	25179	24.03.2005	TLL		
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900169571-27111)	

Pegasus B6E B2 Assembled AMD Variant2
B2 Layout
TOP HIERARCHY LEVEL
SCHEMATIC

1:1

147454

sheet7

Propietary data. Company confidential.
all rights reserved

Als Betriebsgeheimnis anvertraut
alle Rechte vorbehalten

BATTERY CONNECTOR

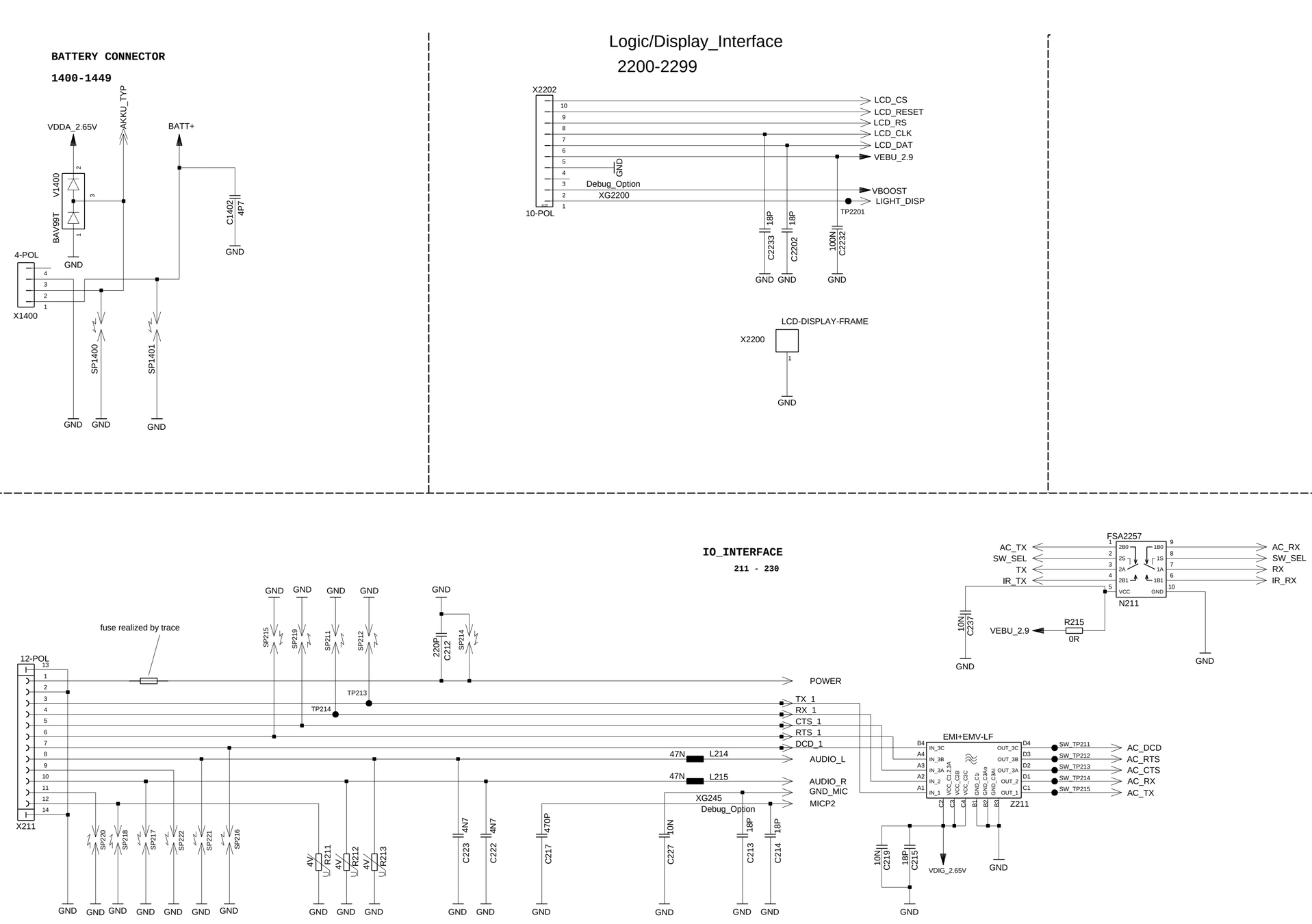
1400-1449

Logic/Display_Interface

2200-2299

IO_INTERFACE

211 - 230



shorted footprint with trace between pads at layout

VERS.	CHANGE NUMBER	DATE	NAME		
2	27111	11.05.2005	ZSX	DATE	24.03.2005
1	25179	24.03.2005	TLL	USER	TLL
				APPR'D	
				COM MD PD HW	
				Siemens AG	

Pegasus B6E B2 Assembled AMD Variant2
B2 Layout
TOP HIERARCHY LEVEL
SCHEMATIC

1:1

147454

sheet8

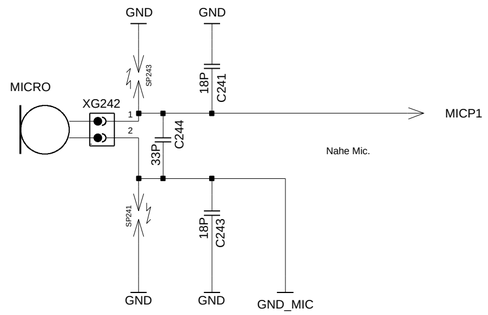
(Created by BOM number: A5B00900169571-27111)

Propietary data. Company confidential.
all rights reserved

Als Betriebsgeheimnis anvertraut
alle Rechte vorbehalten

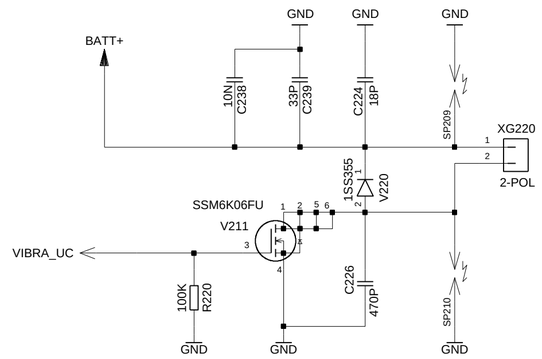
MICROPHONE_CIRCUIT

241-250

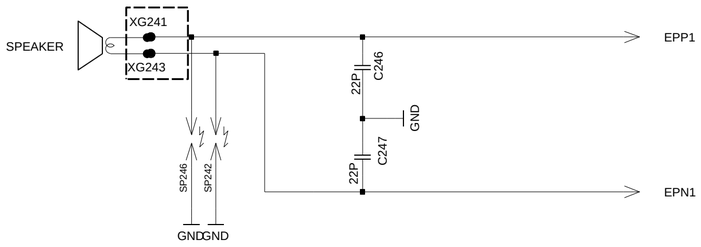


VIBRA_CIRCUIT

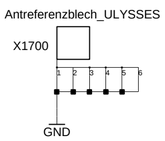
211 - 230



SPEAKER_CIRCUIT

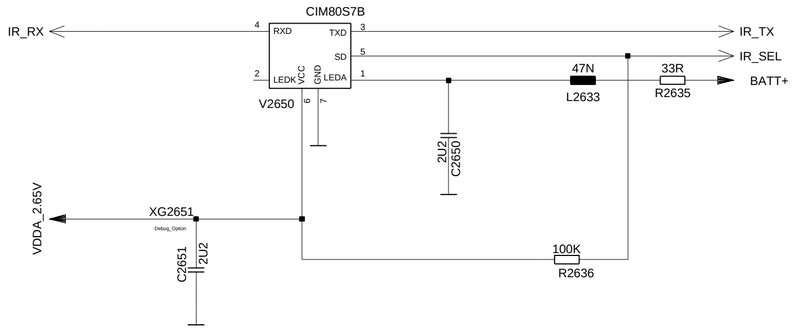


Antreferenzblech_ULYSSES



IRDA

2650-2699



				DATE	24.03.2005
				USER	TLL
				APPR'D	
				COM MD PD HW	
2	27111	11.05.2005	ZSX	Siemens AG	
1	25179	24.03.2005	TLL		
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900169571-27111)	

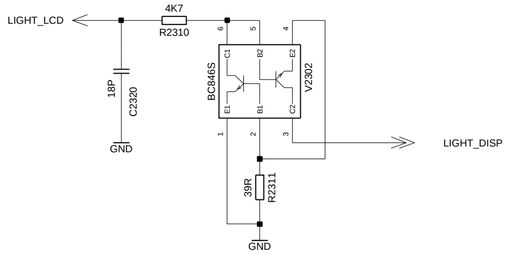
Pegasus B6E B2 Assembled AMD Variant2
B2 Layout
TOP HIERARCHY LEVEL
SCHEMATIC

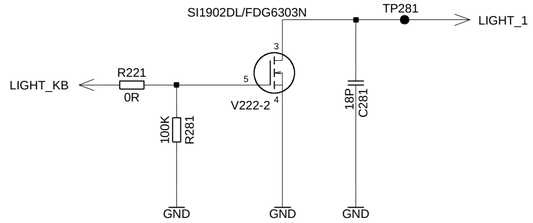
1:1

147454

sheet9

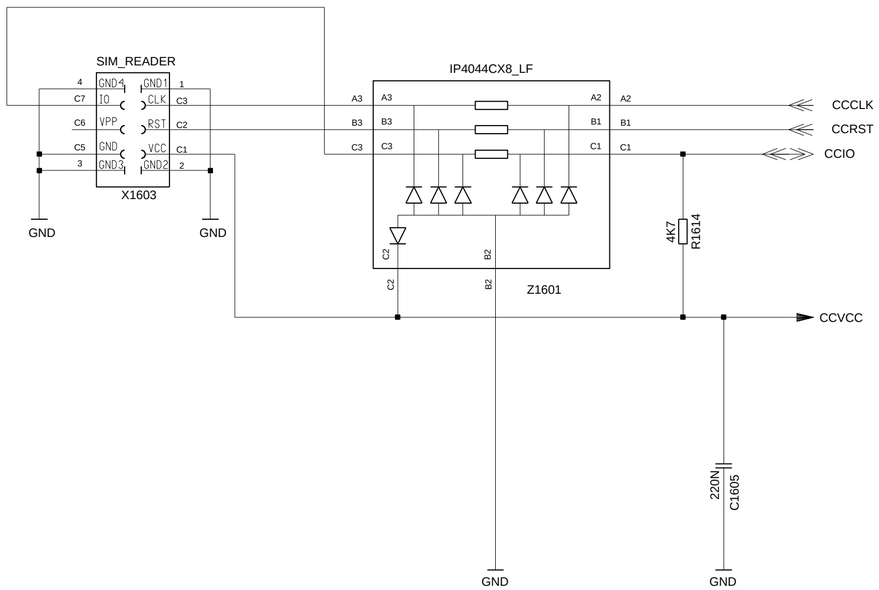
Propietary data, Company confidential.
all rights reserved



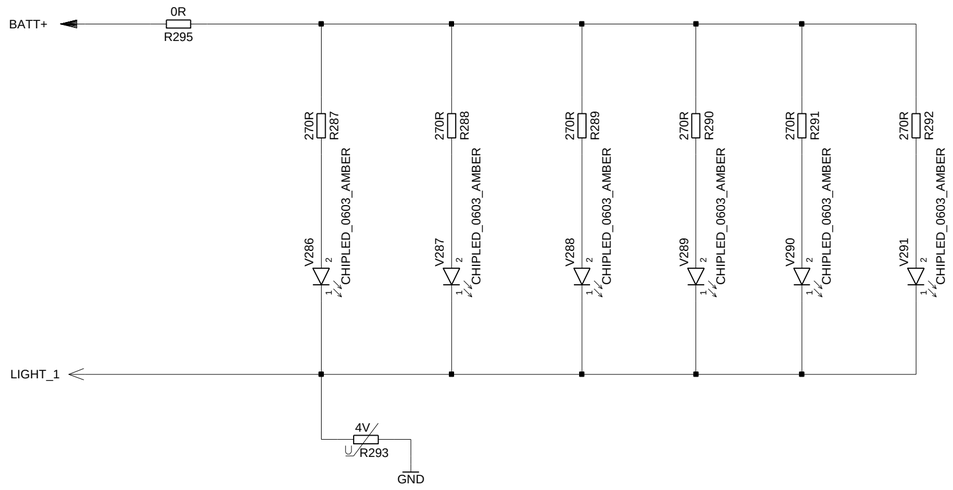


SIM_CONNECTOR

1600-1659



KEYPAD_BACKLIGHT



VERS.	CHANGE NUMBER	DATE	NAME		
				DATE	24.03.2005
				USER	TLL
				APPR'D	
				COM MD PD HW	
2	27111	11.05.2005	ZSX	Siemens AG	
1	25179	24.03.2005	TLL		

Pegasus B6E B2 Assembled AMD Variant2
B2 Layout
TOP HIERARCHY LEVEL
SCHEMATIC

1:1

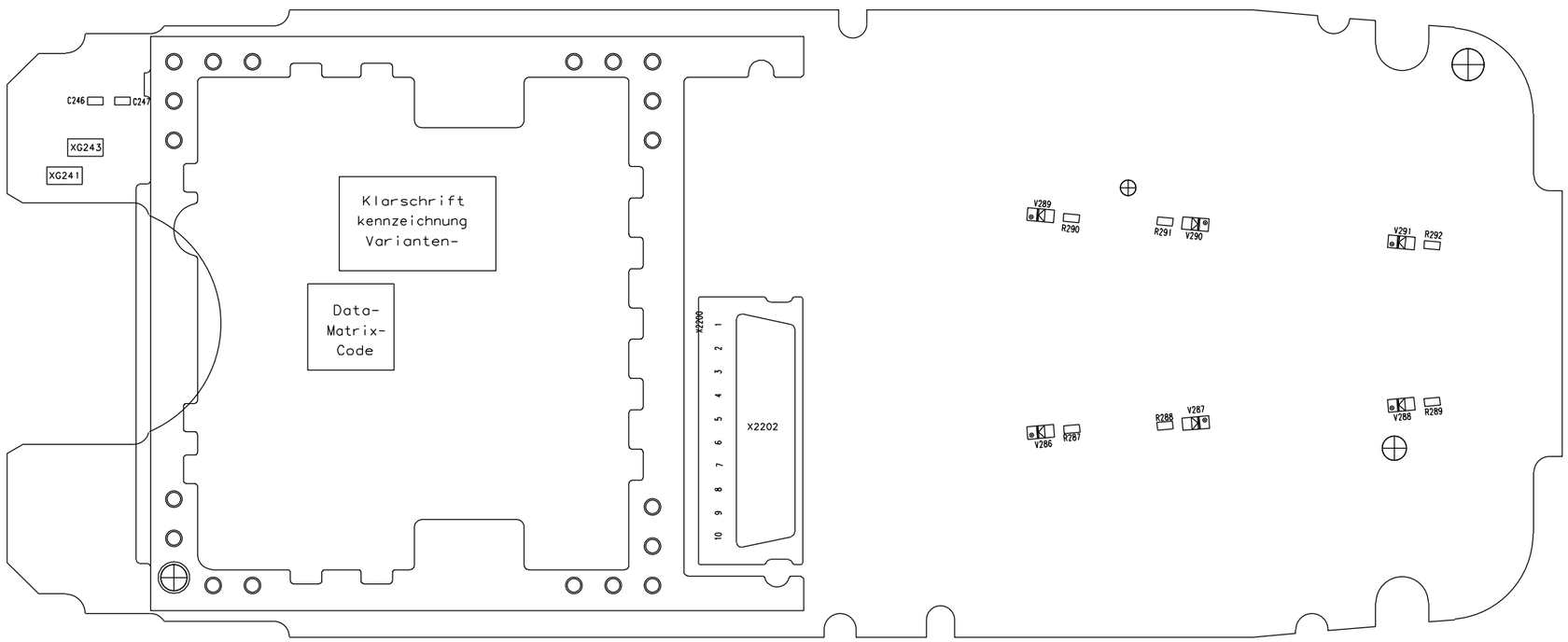
147454

sheet10

(Created by BOM number: A5B00900169571-27111)

PROPRIETARY DATA, COMPANY CONFIDENTIAL
ALL RIGHTS RESERVED

ALS BETRIEBSGEHEIMNIS ANVERTRAUT
ALLE RECHTE VORBEHALTEN



C246	2B
C247	2B
R287	7C
R288	7C
R289	9C
R290	7B
R291	7B
R292	9B
V286	7C
V287	7C
V288	8C
V289	7B
V290	7B
V291	8B
X2200	2C
X2202	5C

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

VERS.	CHANGE NUMBER	DATE	NAME
2	27111	11.05.2005	ZSX
1	25179	24.03.2005	TLL

DATE	24.03.2005
NAME	TLL
APPR'D	
STD	
COM MD PD HW	

SIEMENS AG

Pegasus B6E B2 Assembled AMD Variant2
B2 Layout
WIRING DIAGRAMM (SOLDER SIDE 1)

3:1

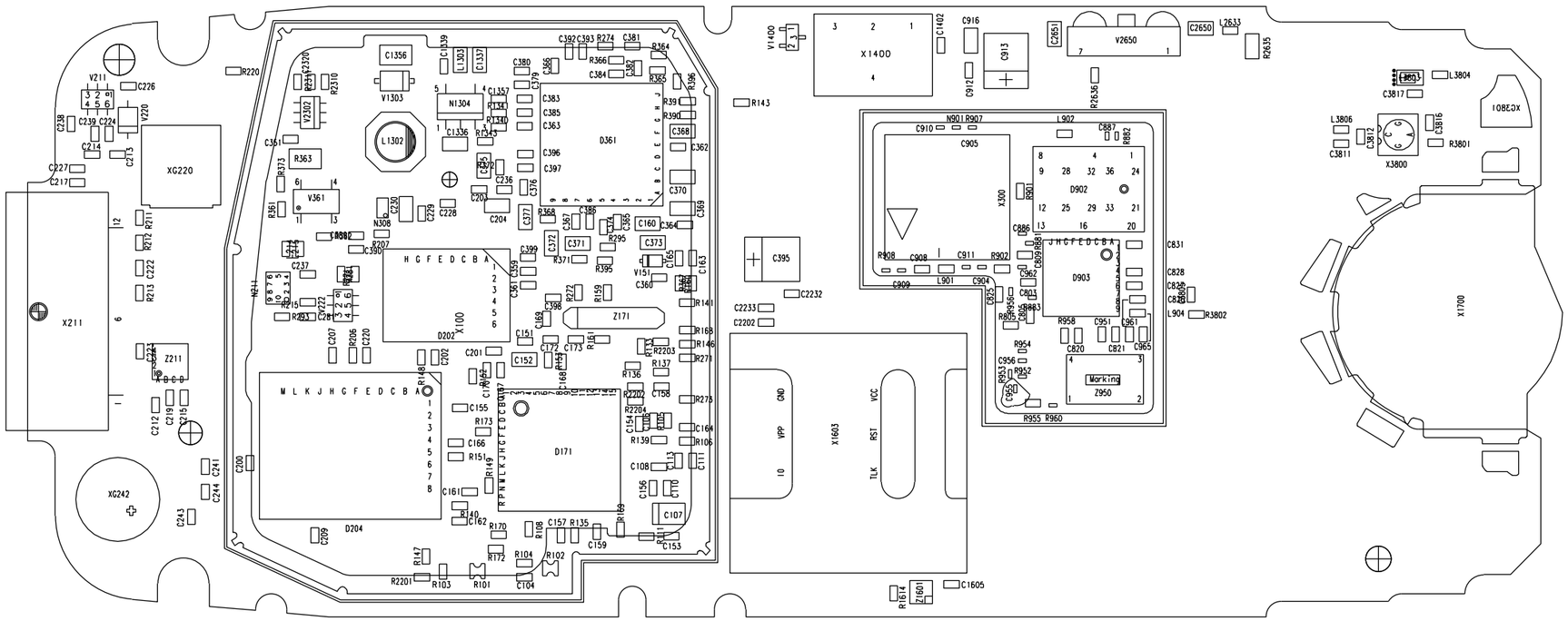
147455

SHEET 1+

(Created by BOM number: A5B00900169571-27111)

PROPRIETARY DATA, COMPANY CONFIDENTIAL
ALL RIGHTS RESERVED

ALS BETRIEBSGEHEIMNIS ANVERTRAUT
ALLE RECHTE VORBEHALTEN



C104	4D	C200	3C	C281	3C	C389	3B	C916	6B	D902	7B	R139	5C	R273	5C	R953	7C	X100	5D
C106	5C	C201	4C	C351	3B	C390	3B	C951	7C	D903	7B	R140	4C	R274	4B	R954	7C	X211	2C
C107	5C	C202	4C	C359	4C	C392	4B	C955	7C	L214	3B	R141	5C	R281	3C	R955	7C	X300	7C
C108	5C	C203	4B	C360	5C	C393	4B	C956	7C	L215	3B	R143	5B	R293	3C	R956	7C	X1400	6B
C110	5C	C204	4B	C361	4C	C395	5C	C961	7C	L901	6C	R146	5C	R295	5B	R958	7C	X1603	6C
C111	5C	C207	3C	C362	5B	C396	4B	C962	7C	L902	7B	R147	4D	R361	3B	R960	7C	X1700	9C
C113	5C	C209	3C	C363	4B	C397	4B	C965	7C	L904	7C	R148	4C	R362	3B	R1340	4B	X3800	9B
C151	4C	C212	2C	C364	5B	C398	4C	C1336	4B	L1302	4B	R149	4C	R363	3B	R1341	4B	Z171	4C
C152	4C	C213	2B	C365	5B	C399	4B	C1337	4B	L1303	4B	R151	4C	R364	5B	R1343	4B	Z211	2C
C153	5C	C214	2B	C366	4B	C803	7C	C1339	4B	L2633	8B	R152	4C	R365	5B	R1614	6D	Z950	7C
C154	5C	C215	2C	C367	4B	C805	7C	C1356	4B	L3803	9B	R153	4C	R366	5B	R2201	4D	Z1601	6D
C155	4C	C217	2B	C368	5B	C809	7B	C1357	4B	L3804	9B	R159	5C	R367	5C	R2202	5C		
C156	5C	C219	2C	C369	5B	C820	7C	C1402	6B	L3806	8B	R160	5C	R368	4B	R2203	5C		
C157	4C	C220	3C	C370	5B	C821	7C	C1605	6D	N211	3C	R161	5C	R371	4C	R2204	5C		
C158	5C	C222	2C	C371	4B	C825	7C	C2202	5C	N308	3B	R168	5C	R372	4B	R2310	3B		
C159	4C	C223	2C	C372	4B	C826	7C	C2232	5C	N901	6B	R169	5C	R373	3B	R2311	3B		
C160	5B	C224	2B	C373	5B	C827	7C	C2233	5C	N1304	4B	R170	4C	R390	5B	R2635	8B		
C161	4C	C226	2B	C374	5B	C828	7C	C2320	3B	R101	4D	R172	4D	R391	5B	R2636	7B		
C162	4C	C227	2B	C375	4B	C831	7B	C2650	8B	R102	4D	R173	4C	R395	5C	R3801	9B		
C163	5B	C228	4B	C376	4B	C886	7B	C2651	7B	R103	4D	R206	3C	R396	5B	R3802	8C		
C164	5C	C229	4B	C377	4B	C887	7B	C3805	8C	R104	4D	R207	3B	R805	7C	V151	5C		
C165	5C	C230	4B	C379	4B	C904	6C	C3811	8B	R105	5C	R211	2B	R881	7B	V211	2B		
C166	4C	C236	4B	C380	4B	C905	6B	C3812	8B	R106	5C	R212	2B	R882	7B	V220	2B		
C167	4C	C237	3C	C381	5B	C908	6C	C3816	9B	R108	4C	R213	2C	R883	7C	V222	3C		
C168	4C	C238	2B	C382	5B	C909	6C	C3817	9B	R111	5C	R215	3C	R901	7B	V361	3B		
C169	4C	C239	2B	C383	4B	C910	6B	D171	4C	R133	5C	R220	3B	R902	7C	V1303	4B		
C170	4C	C241	2C	C384	5B	C911	6C	D202	4C	R135	4D	R221	3C	R907	6B	V1400	5B		
C172	4C	C243	2C	C385	4B	C912	6B	D204	4C	R136	5C	R271	5C	R908	6C	V2302	3B		
C173	4C	C244	2C	C386	4B	C913	7B	D361	5B	R137	5C	R272	4C	R952	7C	V2650	7B		

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

VERS.	CHANGE NUMBER	DATE	NAME
2	27111	11.05.2005	ZSX
1	25179	24.03.2005	TLL

DATE	24.03.2005
NAME	TLL
APPR'D	
STD	
COM MD PD HW	

SIEMENS AG

Pegasus B6E B2 Assembled AMD Variant2
B2 Layout
WIRING DIAGRAMM (SOLDER SIDE 2)

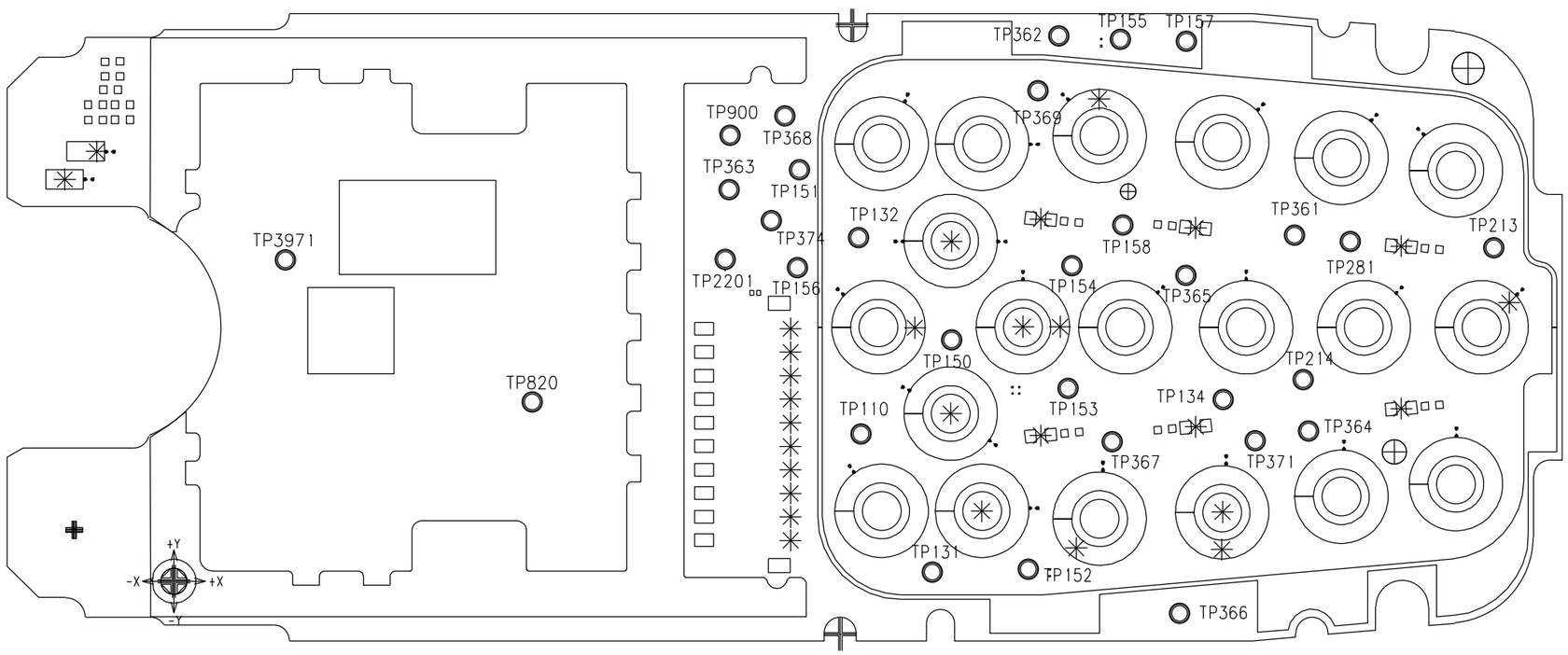
3:1

147455

SHEET 2+

(Created by BOM number: A5B00900169571-27111)

PROPRIETARY DATA, COMPANY CONFIDENTIAL
ALL RIGHTS RESERVED



TP110	6C	TP157	7B	TP367	7C
TP131	6D	TP158	7B	TP368	5B
TP132	6B	TP213	9B	TP369	7B
TP134	8C	TP214	8C	TP371	8C
TP150	6C	TP281	8B	TP374	5B
TP151	5B	TP361	8B	TP820	4C
TP152	7D	TP362	7B	TP900	5B
TP153	7C	TP363	5B	TP2201	5B
TP154	7B	TP364	8C	TP3971	3B
TP155	7B	TP365	7C		
TP156	5B	TP366	7D		

VERS.	CHANGE NUMBER	DATE	NAME
2	27111	11.05.2005	ZSX
1	25179	24.03.2005	TLL

DATE 24.03.2005
NAME TLL
APPR'D
STD
COM MD PD HW

SIEMENS AG

Pegasus B6E B2 Assembled AMD Variant2
B2 Layout
TESTPOINT DIAGRAMM (SIDE 1)

3:1

147456

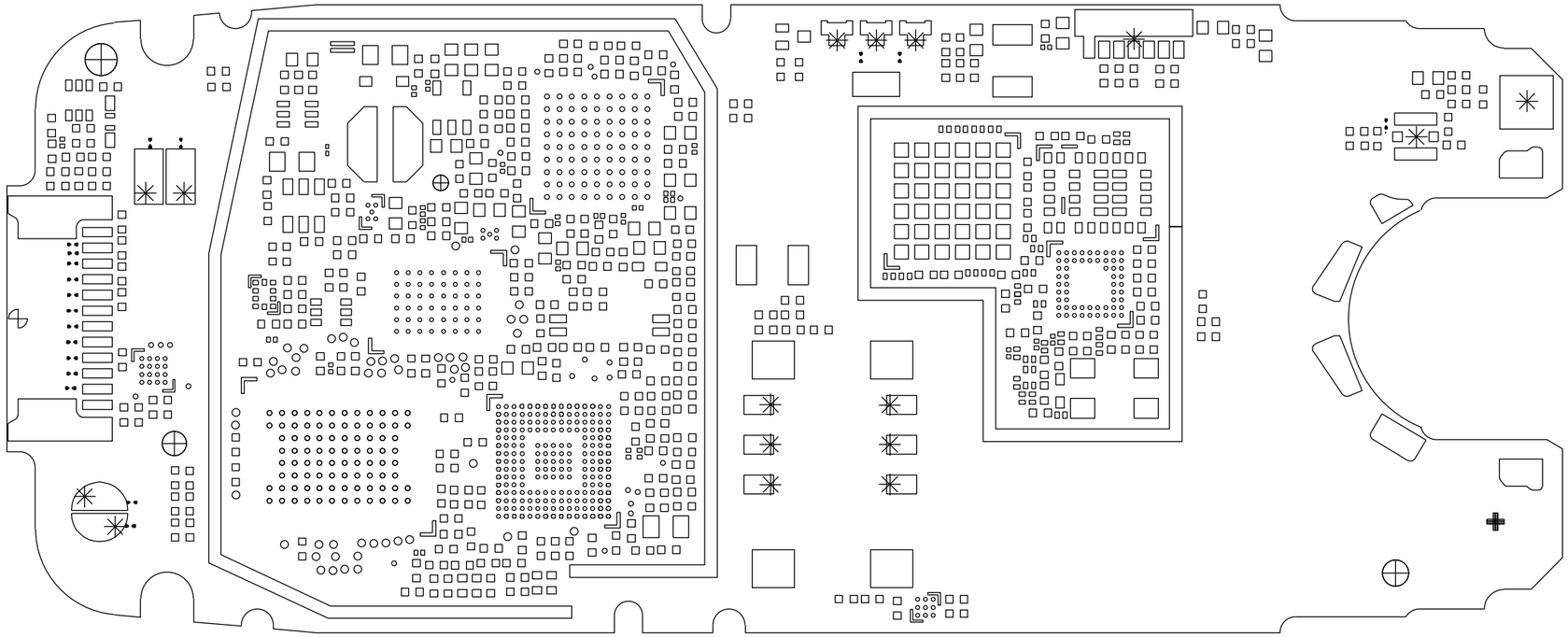
SHEET 1+

(Created by BOM number: A5B00900169571-27111)

ALS BETRIEBSGEHEIMNIS ANVERTRAUT
ALLE RECHTE VORBEHALTEN

PROPRIETARY DATA, COMPANY CONFIDENTIAL
ALL RIGHTS RESERVED

ALS BETRIEBSGEHEIMNIS ANVERTRAUT
ALLE RECHTE VORBEHALTEN



				DATE	24.03.2005	Pegasus B6E B2 Assembled AMD Variant2	
				NAME	TLL	B2 Layout	3:1
				APPR'D		TESTPOINT DIAGRAMM (SIDE 2)	
				STD			
				COM MD PD HW			
							SHEET
2	27111	11.05.2005	ZSX	SIEMENS AG		147456	2-
1	25179	24.03.2005	TLL				
VERS.	CHANGE NUMBER	DATE	NAME	(Created by BOM number: A5B00900169571-27111)			