left

I-PEX CN451

KEYOUT5_N	1	KEYOUT5_N
KEYOUT4_N	2	KEYOUT4_N
KEYOUT3_N	3	KEYOUT3_N
KEYIN4_N	4	KEYIN4_N
KEYIN3_N	5	KEYIN3_N
KEYIN2_N	6	KEYIN2_N
KEYIN1_N	7	KEYIN1_N
KEYIN0_N	8	KEYIN0_N
VDIG(2.75V)	9	
VCAMCIF(2.8V)	10	
CIF_I2CDAT	11	I2CDAT
CIF_I2CCLK	12	I2CCLK
CIF_HSYNC	13	CIHSYNC
CIF_DSYNC	14	CIVCLK
CIF_D7	15	CID7
CIF_D6	16	CID6
CIF_D5	17	CID5
CIF_D4	18	CID4
CIF_D3	19	CID3
CIF_D2	20	CID2
CIF_D1	21	CID1
CIF_D0	22	CID0
CIF_VSYNC	23	CIVSYNC
CIF_MCLK	24	CIMCLK
GND	25	
BEARP	26	
BEARN	27	
MIC_GND	28	
MIC_IN	29	
MIC_CCO	30	

TO MAIN-PCB

VDIG

VCAM_CIF

KEYIN0_N: S461 MULTI, D470 BAS16L,315, S458 PUSH

KEYIN1_N: S462 OP, S460 VT, D471 BAS16L,315, S455

KEYIN2_N: S454 CLEAR, S451 SoftL, D472 BAS16L,315, S456

KEYIN3_N: S452 SoftR, D473 BAS16L,315, S457

KEYIN4_N: S453 BACK, D474 BAS16L,315, S459

RECEIVER

L451 56nH, L452 56nH 1608

C453 27p 1005, C455 27p 1005, C457 27p 1005, C458 27p 1005, C474 27p 1005

D456 015AZ3.9 (TPL3), D455 015AZ3.9 (TPL3)

JL451, JL452

MIC

C466 2.2u B 1608, C468 1005 XX

FB451 1005

C464 XX 1005, C465 XX 1005, C477 XX 1005

MIC451

JL454

3.3nH L453, CJ C476 3p

CIF CAMERA CONNECTOR

CN453 @valu

1	DGND
2	NC
3	DGND
4	VCAM_CIF
5	SDA
6	SCL
7	FLAG
8	HSYNC
9	VCLK
10	DATA7
11	DATA6
12	DATA5
13	DATA4
14	DATA3
15	DATA2
16	DATA1
17	DATA0
18	VSYNC
19	MCLK
20	AGND
21	AGND

C459 4.7u 1608

I2CDAT, I2CCLK, CIHSYNC, CIVCLK, CID7, CID6, CID5, CID4, CID3, CID2, CID1, CID0, CIVSYNC, CIMCLK

R464 0, C469 XX

C470 XX

DISPLAY CONNECTOR

DDK 39P

CN454

GND	1	GND
GND	2	GND
LED_ANODE	3	LED_ANODE
LED_CATHODE4	4	LED_K4
LED_CATHODE3	5	LED_K3
LED_CATHODE2	6	LED_K2
LED_CATHODE1	7	LED_K1
VSYNC	8	LCD_VSYNC
IM3	9	
WSYNC(OUT)	10	LCD_WSYNC
LCD_IOVCC(1.8V)	11	
GND	12	
DB17	13	LCD_D17
DB16	14	LCD_D16
DB15	15	LCD_D15
DB14	16	LCD_D14
DB13	17	LCD_D13
DB12	18	LCD_D12
DB11	19	LCD_D11
DB10	20	LCD_D10
DB09	21	LCD_D09
DB08	22	LCD_D08
DB07	23	LCD_D07
DB06	24	LCD_D06
DB05	25	LCD_D05
DB04	26	LCD_D04
DB03	27	LCD_D03
DB02	28	LCD_D02
DB01	29	LCD_D01
DB00	30	LCD_D00
RD	31	
WR	32	LCD_WR
RS	33	LCD_RS
CS	34	LCD_CS
VDIG_2.75V	35	
GND	36	
RESET	37	LCD_RST
GND	38	
GND	39	

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C462 0.1u

R473 XX, D457 XX

IC452 S-1167B18-I6T2G

VIN, VSS, ON/OFF; VOUT, VSS, NC

C471 1u, C472 1u

I-PEX CN452

LCD_D17	1	LCD_D17
LCD_D16	2	LCD_D16
LCD_D15	3	LCD_D15
LCD_D14	4	LCD_D14
LCD_D13	5	LCD_D13
LCD_D12	6	LCD_D12
LCD_D11	7	LCD_D11
LCD_D10	8	LCD_D10
LCD_D09	9	LCD_D09
LCD_D08	10	LCD_D08
LCD_D07	11	LCD_D07
LCD_D06	12	LCD_D06
LCD_D05	13	LCD_D05
LCD_D04	14	LCD_D04
LCD_D03	15	LCD_D03
LCD_D02	16	LCD_D02
LCD_D01	17	LCD_D01
LCD_D00	18	LCD_D00
LCD_VSYNC	19	LCD_VSYNC
LCD_WSYNC	20	LCD_WSYNC
LCD_WR	21	LCD_WR
LCD_RS	22	LCD_RS
LCD_CS	23	LCD_CS
GND	24	
LCD_RST	25	LCD_RST
BKGT_SHDN	26	
BKGT_CTRL	27	
VBATTI	28	VBATTI
VBATTI	29	
LEDPOW2	30	

TO MAIN-PCB

LCD_ANODE

LED_K4, LED_K3, LED_K2, LED_K1

LCD BACKLIGHT LED DRIVER

IC451 SC604AIMLTRT

EN, CTRL0, CTRL1, CTRL2; GND, C2+, C2-, C1-

ISET, VOUT, VIN, C1+

C456 1u 1608, C454 1u 1608

R452 12k ±0.5%, R453 100k ±0.5%

C475 XX

C451 1u 1608, C452 1u 1608

GND

LCD_RST

R456 1200, R457 1200, R458 1200, R460 1200, R451 560, R459 560, R462 560, R463 560

D451 SO-1948-WM-SD-T, D452 SO-1948-WM-SD-T, D453 SO-1948-WM-SD-T, D454 SO-1948-WM-SD-T, D458 SO-1948-WM-SD-T, D459 SO-1948-WM-SD-T, D460 SO-1948-WM-SD-T, D461 SO-1948-WM-SD-T

VBATTI

KEY LEDs

REF NO:451-499

Confidential

Approved according to

KRETSSCHEMA CIRCUIT DIAGRAM

Sony Ericsson	Konstruerad (även faktaansvarig om annan) – Prepared (also subject responsible if other): SEMJ Shinya Kosaka
Toleranser – Tolerances: LCDFLEX	Dokumentansvarig/Godkänd – Document responsible/Approved: SEMJ Yoshihiro Nishimura; Datum – Date: 2005-09-30; Rev: F
Tillhör – Made for: LCD connector,KEY	Produktbenämning – Product name: AAD-3022011-BV (SAKURA HVM)
Ritningsregler – Drawing rules: AcePlus	Dokumentnr – Document nr: 1911 - ROA 128 1669; Blad – Sheet: 01 of 01

LZF 030 101/F R81

H=16NA; V=11LD

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