SONY

CAD

TO MAIN-PCB

I-PEX

CN700

BEARP	1
BEARN	2
PWRRST_N	3
KEYIN0_N	4
KEYIN1_N	5
KEYIN2_N	6
KEYIN3_N	7
KEYIN4_N	8
KEYOUT1_N	9
KEYOUT4_N	10
LEDPOW2	11
LEDPOW2	12
VBATTI	13
VBATTI	14
VMEM18	15
VEXT29	16
LCDLEDA	17
LCDLEDA	18
LCDLEDK1	19
LCDLEDK2	20
LCDLEDK3	21
LCDLEDK4	22
GND	23
MICN	24
MICP	25

KEYIN0_N, KEYIN1_N, KEYIN2_N, KEYIN3_N, KEYIN4_N, KEYOUT1_N, KEYOUT4_N

LEDK1, LEDK2, LEDK3, LEDK4

C700 27p 1005, C702 27p 1005, C701 27p 1005, MIC700, D700 XX, D701 XX

I-PEX

CN701

LCDRD	1
LCDWR	2
LCDCS	3
LCDRS	4
FPDAT00	5
FPDAT01	6
FPDAT02	7
FPDAT03	8
FPDAT04	9
FPDAT05	10
FPDAT06	11
FPDAT07	12
FPDAT08	13
FPDAT09	14
FPDAT10	15
FPDAT11	16
FPDAT12	17
FPDAT13	18
FPDAT14	19
FPDAT15	20
FPDAT16	21
FPDAT17	22
LCDVSYNC	23
GND	24
LCDRESET	25

LCDRD, LCDWR, LCDCS, LCDRS, FPDAT00, FPDAT01, FPDAT02, FPDAT03, FPDAT04, FPDAT05, FPDAT06, FPDAT07, FPDAT08, FPDAT09, FPDAT10, FPDAT11, FPDAT12, FPDAT13, FPDAT14, FPDAT15, FPDAT16, FPDAT17, LCDVSYNC, LCDRESET

KEYOUT1_N, KEYOUT4_N

S700 SOFT1, S703, S707 SOFT2, S702, S704 PUSH, S706, S705, S701 BACK, S708 CLEAR

KEYIN0_N, KEYIN1_N, KEYIN2_N, KEYIN4_N, KEYIN3_N

VDR700, VDR701, VDR702, VDR704, VDR703

GND

R703 1200, R702 1500, R705 1200, R734 1500

D702 CL-197-HB1, D704 CL-197-HB1, D706 CL-197-HB1, D707 CL-197-HB1

KEY LEDs

LCDLEDA

BATRP

(2.9V) VEXT29

(1.8V) VMEM18

L700 56nH, L701 56nH

C703 27p 1608, C704 27p 1608, C705 27p 1608, C707 27p 1608

D703 XX, D705 XX

JL700, JL701

TO RECEIVER

TO PARASITIC ELEMENT

JL702

L702 10nH

TO LCD-MODULE

MOLEX 40P

CN702

1	GND
2	LED_CATHODE1
3	LED_CATHODE2
4	LED_CATHODE3
5	LED_CATHODE4
6	LED_ANODE
7	BATRP
8	RD
9	WR
10	CS
11	RS
12	VCCI(2.9V)
13	DB0
14	DB1
15	DB2
16	DB3
17	DB4
18	DB5
19	DB6
20	DB7
21	GND
22	DB8
23	DB9
24	DB10
25	DB11
26	DB12
27	GND
28	DB13
29	DB14
30	DB15
31	DB16
32	DB17
33	VDD(2.9V)
34	VDD(2.9V)
35	VOUT
36	VSYNC
37	VDD(1.8V)
38	VDD(1.8V)
39	RESET
40	GND

GND, LEDK1, LEDK2, LEDK3, LEDK4, BATRP, LCDRD, LCDWR, LCDCS, LCDRS, FPDAT00, FPDAT01, FPDAT02, FPDAT03, FPDAT04, FPDAT05, FPDAT06, FPDAT07, FPDAT08, FPDAT09, FPDAT10, FPDAT11, FPDAT12, FPDAT13, FPDAT14, FPDAT15, FPDAT16, FPDAT17, LCDVSYNC, LCDRESET

R730 0 1608

C721 0.1u 1608

C742 0.1u 1608

C744 0.1u 1608

D708 XX

6	X				
5	X				
4	X				
3	X				
2	X				
1	X				
HISTORY X COUNT		SUFFIX REPL.	ECN-NO. DATE	REVISION	SIGN.

DRAWN BY	PLANNED BY	CHECKED BY	APPROVED BY
SEMCJ GU・商品部 04, 8, 2 西村	SEMCJ GU・商品部 04, 8, 2 青木	SEMCJ GU・商品部 04, 8, 2 岡田	SEMCJ GU・商品部 04, 8, 2 村田

TENTATIVE

MODEL: PTX-705

PART NO.:

UNIT: mm | TOLERANCE | USED ON | RANK | FAMILY | ANGLE | SCALE | ORIGINAL MODEL | MATERIAL(COLOR) | FINISH(COLOR)

DESCRIPTION (E) (J)

PART NO. PTX-705 LCD_FLEX

SHEET 1/1

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DRAWNING (TYPE D42)

SONY STANDARD 90.10

A3

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