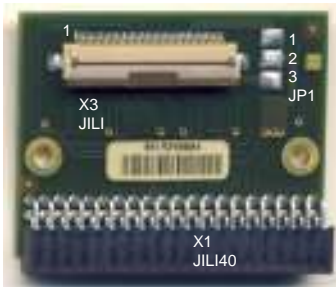


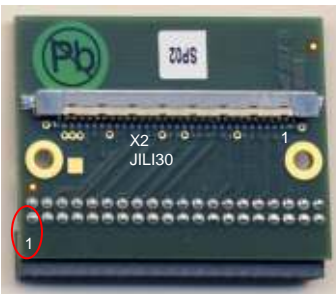
MSC A041-JILI-ADAPTER (JILI40 - JILI30 - Adapter)

This adapter converts the JILI40 interface to the newer JILI30 connector. This allows easy adaptation of LVDS flat panel displays using common JILI30 cables.

In addition it may also be used to connected to the older JILI FFC interface to JILI30 cables. In this case solder jumpers have to be used properly to provide the needed supply voltage.



Top view



Bottom View



Be careful when plugging the adapter onto the JILI40 pin header. Don't invert it! Watch pin 1!

JILI40 Connector X1

Description CON 20x2 RM2.00		
PIN	Name	Description
1	n.c.	
2	n.c.	
3	n.c.	
4	LVDS_B3+	
5	LVDS_B3-	
6	n.c.	
7	LVDS_B_CK+	
8	LVDS_B_CK-	
9	n.c.	
10	LVDS_B2+	
11	LVDS_B2-	
12	n.c.	
13	LVDS_B1+	
14	LVDS_B1-	
15	n.c.	
16	LVDS_B0+	
17	LVDS_B0-	
18	n.c.	
19	LVDS_A3+	
20	LVDS_A3-	
21	GND	
22	GND	
23	LVDS_I2C CK BP	
24	LVDS_I2C DAT BP	
25	GND	
26	LVDS_A_CK+	
27	LVDS_A_CK-	
28	GND	
29	LVDS_A2+	
30	LVDS_A2-	
31	GND	
32	LVDS_A1+	
33	LVDS_A1-	

34	GND	
35	LVDS_A0+	
36	LVDS_A0-	
37	GND	
38	GND	
39	LVDS_SW_LCD	
40	LVDS SW LCD	

JILI30 Connector X2

Description CON EDGE 30pol. JAE FI-X30SSL-HF		
PIN	Name	Description
1	GND	
2	LVDS_A0-	
3	LVDS_A0-	
4	LVDS_A1-	
5	LVDS_A1+	
6	LVDS_A2-	
7	LVDS_A2+	
8	GND	
9	LVDS_A_CK-	
10	LVDS_A_CK+	
11	LVDS_A3-	
12	LVDS_A3+	
13	LVDS_B0-	
14	LVDS_B0+	
15	GND	
16	LVDS_B1-	
17	LVDS_B1+	
18	GND	
19	LVDS_B2-	
20	LVDS_B2+	
21	LVDS_B_CK-	
22	LVDS_B_CK+	
23	LVDS_B3-	
24	LVDS_B3+	



25	GND	
26	LVDS_I2C_DAT_BP	
27	ENAVDD	
28	LVDS_I2C_CK_BP	
29	VCC_SW_LCD	
30	VCC_SW_LCD	
31	VCC SW LCD	
32	GND	

JILI Connector X3 (FFC)

Description CON FFC/FPC 40pol.		
PIN	Name	Description
1	n.c.	
2	LVDS A0-	
3	LVDS A0+	
4	ENAVDD	
5	LVDS A1-	
6	LVDS A1+	
7	n.c.	
8	LVDS A2-	
9	LVDS_A2+	
10	GND	
11	LVDS_A_CK-	
12	LVDS_A_CK+	
13	GND	
14	LVDS_A3-	
15	LVDS A3+	
16	LVDS I2C DAT BP	
17	LVDS B0-	
18	LVDS B0+	
19	LVDS I2C CK BP	
20	LVDS B1-	
21	LVDS_B1+	
22	n.c.	
23	LVDS_B2-	

24	LVDS_B2+	
25	GND	
26	LVDS_B_CK-	
27	LVDS_B_CK+	
28	GND	
29	LVDS_B3-	
30	LVDS B3+	
31	VCC_+5V	
32	VCC_+5V	
33	VCC +5V	
34	VCC +5V	
35	n.c.	
36	GND	
37	GND	
38	VCC +12V	
39	VCC_+12V	
40	VCC_+12V	
100	n.c.	
101	n.c.	

Display Power Jumper JP1

Pins to close	Voltage
3-2	+12,0 V
1-2	+5,0 V