MPX-SDVOX

User's Manual

Edition 1.0
2009/05/25

Copyright

Disclaimer

Trademark

Packing List:

Hardware: MPX-SDVOX

 PCI Express mini card LVDS Module x 1

Product Specification

General Specification	
Form Factor	PCI Express mini card
Controller	Chrontel CH7308
Output Function	24-bit Dual Channel LVDS connector interface with 3.3V/5V12V power supply
Dimensions (W x D)	30.00mm x 50.95mm

Connector Reference
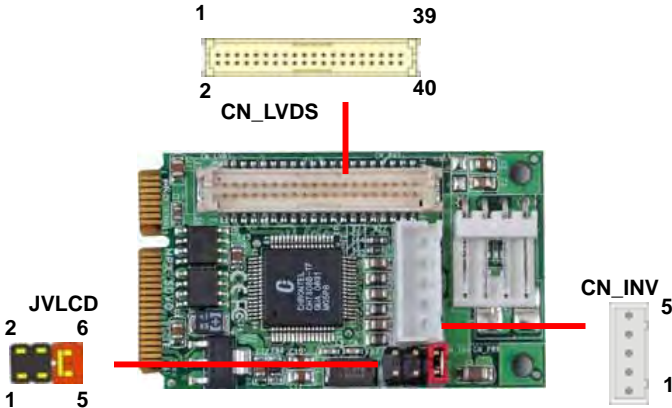
Effective patterns of connection: 1-2 / 3-4 / 5-6

Connector: **CN_INV**
Type: 5-pin LVDS Power Header
Connector model: **JST B5B-XH-A**

Pin	Description
1	+12V
2	CTLBKL
3	GND
4	GND
5	ENABKL

Connector: **JVLCD**
Type: 6-pin Power select Header

Pin	Description
1-2	LCDVCC **(3.3V)**
3-4	LCDVCC **(5V)**
5-6	LCDVCC **(12V)**

Default setting: 1-2

Connector: **CN_LVDS**
Type: onboard 40-pin connector for LVDS connector
Connector model: **HIROSE DF13-40DP-1.25V**

Pin	Signal	Pin	Signal
2	LCDVCC	1	LCDVCC
4	GND	3	GND
6	ATX0-	5	BTX0-
8	ATX0+	7	BTX0+
10	GND	9	GND
12	ATX1-	11	BTX1-
14	ATX1+	13	BTX1+
16	GND	15	GND
18	ATX2-	17	BTX2-
20	ATX2+	19	BTX2+
22	GND	21	GND
24	ACLK-	23	BTX3-
26	ACLK+	25	BTX3+
28	GND	27	GND
30	ATX3-	29	BCLK-
32	ATX3+	31	BCLK+
34	GND	33	GND
36	DPCLK	35	N/C
38	DPDATA	37	N/C
40	N/C	39	N/C