



integration with integrity

Quick Installation Guide

Mini-AGP LVDS Module 3901020

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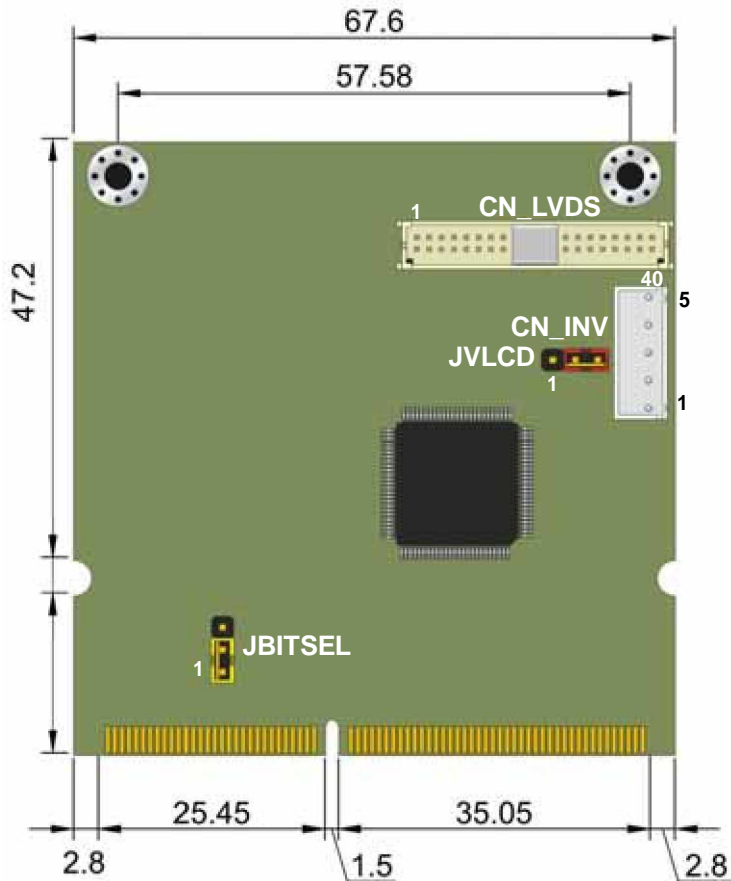
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Mini-AGP LVDS Module

For 2801210 Only

Specifications	
Form Factor	Mini-AGP
Controller	VIA VT1631 with 24-bit dual channel LCD interface
Power Output	+5V/+3.3V for Panel +12V for Inverter

Mechanical Drawing:



Connector Information:

Connector: **CN_INV**

Type: 5-pin LVDS Power Header

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

Connector: **JVLCD**

Type: 3-pin Power select Header

Pin	Description
1	VCC
2	LCDVCC
3	VCC3

Jumper: **JBITSEL**

Type: onboard 3-pin header

JBITSEL	Mode
1-2	18-bit panel
2-3	24-bit panel

Default setting

Connector: **CN_LVDS**

Type: onboard 40-pin connector for LVDS connector

Connector model: **HIROSE DF13-40S**

Pin	Signal	Pin	Signal
2	LCDVCC	1	LCDVCC
4	GND	3	GND
6	A0-	5	A4-
8	A0+	7	A4+
10	GND	9	GND
12	A1-	11	A5-
14	A1+	13	A5+
16	GND	15	GND
18	A2-	17	A6-
20	A2+	19	A6+
22	GND	21	GND
24	CLK1-	23	A7-
26	CLK1+	25	A7+
28	GND	27	GND
30	A3-	29	CLK2-
32	A3+	31	CLK2+
34	CBITSEL	33	GND
36	N/C	35	N/C
38	N/C	37	N/C
40	N/C	39	N/C

Panel Type Supported Table

Panel ID	Resolution	Channel	Dithering
0	640x480	1	Enable
1	800x600	1	Enable
2	1024x768	1	Enable
3	1280x768	1	Enable
4	1280x1024	2	Enable
5	1400x1050	2	Enable
6	1600x1200	2	Enable
7	1280x800	1	Enable
8	800x480	1	Enable
9	1024x768	2	Enable
A	1024x768	1	Disable
B	1024x768	2	Disable
C	1280x768	1	Disable
D	1280x1024	2	Disable
E	1400x1050	2	Disable
F	1600x1200	2	Disable

Any advice or comments about our products and service, or anything we can help you with please don't hesitate to contact with us. We will do our best to support your products, projects and business.



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