



Mar. 19, 2009

LVDS-VGA

18-bit LVDS to VGA Converter board Quick Installation Guide Ver. 1.0

Feature:

Provide 2nd VGA option for Dual VGA display
Resolution adjust by BIOS: Support 640x480, 800x600, 1024x768
18-bit Single-Channel LVDS to VGA converter board

Packing Content:

1 x LVDS-VGA converter board
1 x QIG (Quick Installation Guide)

Ordering Information:

LVDS-VGA-R10: 18-bit LVDS to VGA Converter board

32600-112300-RS: 30-pin LVDS connecting cable

32600-114400-RS: 20-pin LVDS connecting cable

Note: When using LVDS-VGA-R10 to display by VGA monitor, please set the voltage level of panel to 5V.

Connectors and Jumper Setting:

JP6: LCD clock select setting	
J_VLVD1	DESCRIPTION
1-2 (Default)	Normal LCD clock
2-3	invert LCD clock

VGA3: VGA 15-pin Female Connector			
PIN NO.	DESCRIPTION	PIN NO.	DESCRIPTION
1	RED	2	GREEN
3	BLUE	4	NC
5	GND	6	GND
7	GND	8	GND
9	VCC	10	GND
11	NC	12	DCCDA
13	HSYNC	14	VSYNC
15	DDCCLK		

CN23: LVDS LCD Interface Connector			
PIN NO.	Description	PIN NO.	Description
2	GND	1	GND
4	AY0-	3	AY0+
6	AY1-	5	AY1+
8	AY2-	7	AY2+
10	AYCLK-	9	AYCLK+
12	AY3-	11	AY3+
14	GND	13	GND
16	I_SCL	15	I_SDA
18	LCDVCC	17	LCDVCC
20	LCDVCC	19	LCDVCC

4. Dimension:

