



## ANDpSi056ET0S-HB-KIT

### Analog RGB Interface

The ANDpSi056ET0S-HB-KIT is a 100% Plug in Play LCD controller board with VESA standard RGB 8 bit supports. It utilizes poly-silicon (psi) technology to provide a brighter, thinner and lighter display with high-resolution and measures only 4.25" x 4.0" x 0.35."

#### LCD Display Supports:

- One LVDS / Two LVDS support
- Supports VGA, SVGA, XGA, SXGA
- Panel interface TTL 12bit, 18bit, 24bit
- Panel interface LVDS: 24bit / 48bit
- Brightness control 10% to 100% programmable
- Auto sync, Auto input detect, Auto setup, Auto color level

#### Features:

- VESA standard Analog RGB 8 bit supports
  - VGA (640 x 480) @60Hz, 70Hz, 75Hz
  - SVGA (800 x 600) @ 60Hz, 70Hz, 75Hz
  - XGA (1024 x 768) @60Hz, 70Hz, 75Hz
  - SXGA (1280 x 1024) @60Hz, 70Hz, 75Hz
- Scaling engine ST Micro ADE3700
- On board LVDS interface
- Dedicated interface connectors for VGA, SVGA, XGA, & SXGA displays
- Compact size 4.25" x 4.0" x 0.35", low profile components
- Internal +12V power supply
- Low profile VGA connector available
- Supports 16 million colors
- Interface TTL / LVDS
- 100% Plug in Play LCD controller board

#### Dimensions:

4.25" x 4.5" x 0.25"

#### Connector Definitions:

- Con8:** Touch screen connector  
**Con9:** XGA/SXGA panel interface  
**Con4:** VGA/SVGA panel interface  
**Con2:** Backlight interface  
**Con3:** +12V AC/DC Power In  
**J2:** +12V DC internal support from PC power supply  
**Con6:** DB15 Analog RGB standard  
**Con11:** Analog RGB low profile connector

#### CON9: LCD Panel Data Interface

Pin2	VDD	Red	Twisted pair
Pin3	VDD	Red	
Pin 7	Vss	Black	Twisted pair
Pin 30	Rin0-	Black	Twisted pair
Pin 29	Rin0+	White	
Pin 14	Vss	Black	Single wire
Pin 28	Rin1-	Black	Twisted pair
Pin 27	Rin1+	White	
Pin 17	Vss	Black	Single wire
Pin 26	Rin2-	Black	Twisted pair
Pin 25	Rin2+	White	
Pin 24	Vss	Black	Single wire
Pin 23	Rclk-	Black	Twisted pair
Pin 22	Rclk+	White	

GND= Pin 7, Pin 14, Pin 17, Pin 24

VCC= Pin 1, Pin 2, Pin 3

Product specifications contained herein may be changed without prior notice.

It is therefore advisable to contact Purdy Electronics before proceeding with the design of equipment incorporating this product.

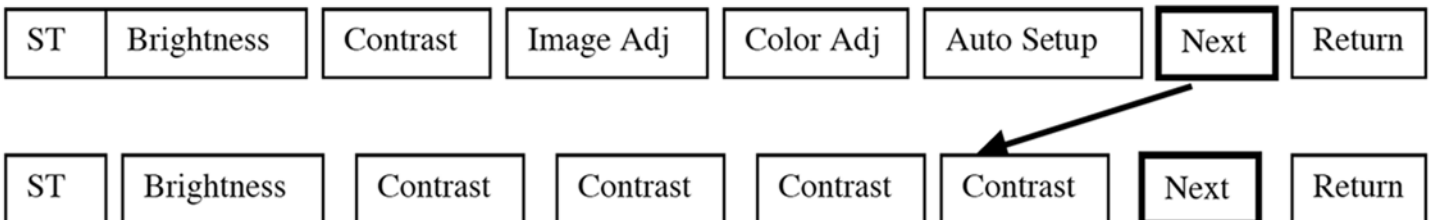
**CON2: CCFL Cable Linfinity**

On Board Molex (53261-1090)	Linfinity Molex (53261-0890)
Red	Vin + 12V
Red	Vin + 12V
NC	
Black	GND
Black	GND
NC	
White	Sleep (on/off) Brightness
Yellow	
NC	NC
NC	NC

**CON1: OSD Key Pads Interface**

Molex (WM1759ND)  
 Pin1= KB0 (Input data)  
 Pin2= KB1 (Input data)  
 Pin3= GND  
 Pin4= GND  
 Pin5= O-LED (Input data)  
 Pin6= G-LED (Input data)  
 Pin7= NC  
 Pin8= NC

**OSD Support:**
**ADE3700 OSD Keys: (Six Buttons)**

**Select: Icons**


**Board Photo**

