



PRODUCT SPECIFICATION

**HDA570S-V**

5.7", TFT QVGA COLOR  
LCD DISPLAY MODULE

APPLICATION NOTE

HANTRONIX, INC. 10080 BUBB RD. CUPERTINO, CA 95014	Q.A.:	REV:	HDA570S-V	SHEET 1 OF 3
	ZW	1.0		DATE: 6/28/08

**The HDA570S-V Series driving design of backlight unit is dependent on serial connect type of 7 LEDs and x3 parallel connect (current : 60mA).**

● **LED Driver Supplier item /list show as below :**

(1) YOBON Technologies, Inc <http://www.yobon.com.tw>  
Model number : YB1520

(2) MAXIM Semiconductor <http://www.maxim-ic.com/>  
Model number : MAX8790

● **Touch panel controller Supplier item /list show as below :**

(1) Texas Instruments <http://www.ti.com>  
Model number : ADS7843

(2) MAXIM Semiconductor <http://www.maxim-ic.com/>  
Model number : MXB7843

● **FFC Supplier item /list show as below :**

CviLux Corporation <http://www.cvilux.com.tw>  
FFC Model number : FFCE3308T116000-300 (33pin)

● **Connector Supplier item /list show as below :**

**PCB Connector**

CviLux Corporation <http://www.cvilux.com.tw>  
Connector Model number : CF20331D0T0 (33 pin / pitch 0.5mm / down contact)

**Touch panel Connector**

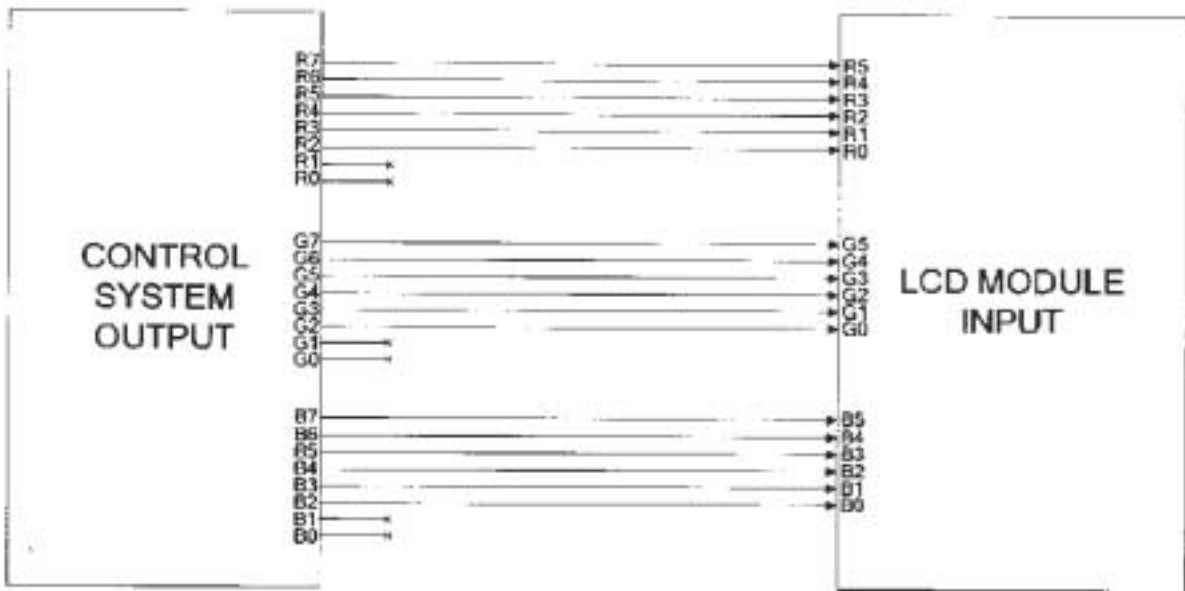
CviLux Corporation <http://www.cvilux.com.tw>  
Connector Model number : CF25041D0R0-10(04 pin / pitch 1.0mm / down contact)

**Back light Connector**

**JST** [http://www.jst-mfg.com/index\\_e.php](http://www.jst-mfg.com/index_e.php)  
Connector Model number :JST BHSR-02VS-1(N)

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24 bit RGB LCD controller driving 18 Bits LCD module ( 262 K colors)



### TFT LCD Driver IC

- Source driver IC : HX8218-C01 (please see attach datasheet)
- Gate driver IC : HX8615C (please see attach datasheet)