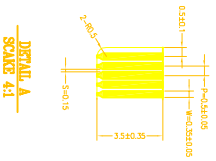


**BACKLIGHT CIRCUIT DIAGRAM**

Backlight Color: White

If=20mA, Vf=21.0±1.4V



DETAIL A  
SCALE 4:1

| NO | Part Name           | Quantity |
|----|---------------------|----------|
| 4  | Back light ~ 包括上下胶推 | 1        |
| 3  | FPC                 | 1        |
| 2  | IC                  | 1        |
| 1  | LCD                 | 1        |

CUSTOMER APPROVAL:

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SHANTOU GOWORLD DISPLAY CO., LTD.  
Tel:0754-88192283 Fax:0754-86339619

DRAWN:

林鹏浩

2013-10-26

CHECKED:

陈首贵

2013-10-26

APPROVED:

黄宏生

2013-10-26

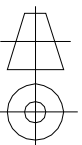
LCM NO: GMMTT7456-LCM/M

Rev: 00

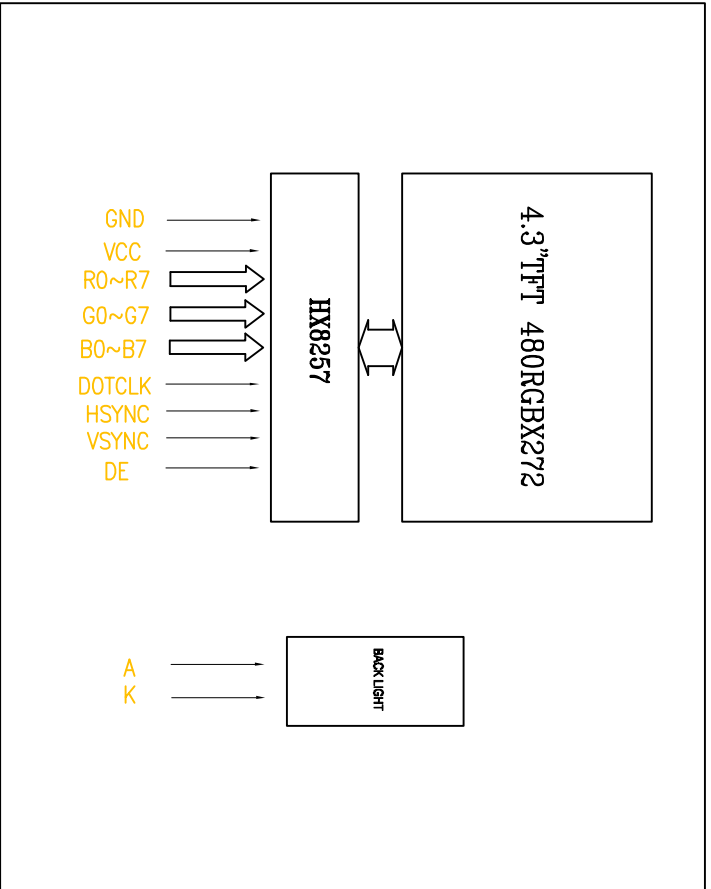
UNITS: mm

DWG NO: ED-7456-LCM/M

SHEET 1 OF 2



Block Diagram:



Display type: TFT/Normal white, Transmissive  
 Viewing direction: 12:00  
 Driver IC: HX8257  
 Interface type: 24bits RGB  
 Recommend Operating Voltage: VCC=3.3±0.3V  
 Operating temperature: -20° C ~ +70° C  
 Storage temperature: -30° C ~ +80° C  
 All unmarked tolerance: ±0.3mm

Please kindly confirm



Pin Description:

| Pin   | Symbol | Function Description  |
|-------|--------|---|
| 1~2   | GND    | Ground.   |
| 3~4   | VCC    | Power supply.   |
| 5~12  | R0~R7  | Red data bus.   |
| 13~20 | G0~G7  | Green data bus.   |
| 21~28 | B0~B7  | Blue data bus.  |
| 29    | GND    | Ground.   |
| 30    | DOTCLK | Clock signal.   |
| 31    | DISP   | Display on/off mode control.<br>DISP=L, standby mode.<br>DISP=H, normal display mode. |
| 32    | HSYNC  | Horizontal sync input.  |
| 33    | VSTINC | Vertical sync input.  |
| 34    | DE     | Input data enable control.  |
| 35~38 | NC     | No connection. Reserve for SPI interface.   |
| 39    | A      | Power supply anode input for backlight.   |
| 40    | K      | Power supply cathode input for backlight.   |
| 41~44 | NC     | No connection. Reserve for touch panel.   |

|   |
|---|
| M00: Modify the backlight driving voltage.  |
| J01: Add the pull tape  |
| J00: Remove RTP and modify the FPC interface.<br>Update the backlight driving. (form D00) |
| D00: Add TP and Modify FPC.   |
| C00: Remove insulated tape and Modify PINS.   |
| B00: Modify FPC and PINS.   |
| A00: Original Edition   |
| Revision History:   |

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SHANTOU GOWORLD DISPLAY CO., LTD.  
 Tel:0754-88192283 Fax:0754-86339619

DRAWN: 杨晓鸿  
 2013-10-26

CHECKED: 王彦涵  
 2013-10-26

APPROVED: 黄宏生  
 2013-10-26

LCM NO: GMMTP7456-LCM/M  
 DWG NO: ED-7456-LCM/M

Rev: 00  
 SHEET 2 OF 2

