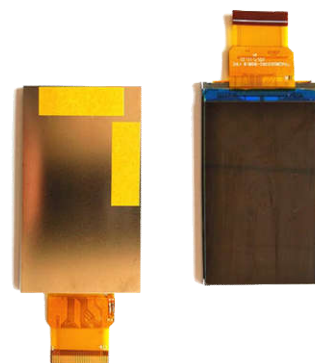


2.8" TFT LCD DISPLAY

Model: NL280023I2
 Size: 2.8 inches
 Configuration: IVO + ST7789
 Resolution: 240 * 320
 Perspective: E WV wide viewing angle
 Operating temperature: -20 ~ 70 ° C
 Storage temperature: -30 ~ 80 ° C
 Backlight brightness: 400 CD / M2
 PIN number: 30 PIN
 Interface: MCU 16-bit

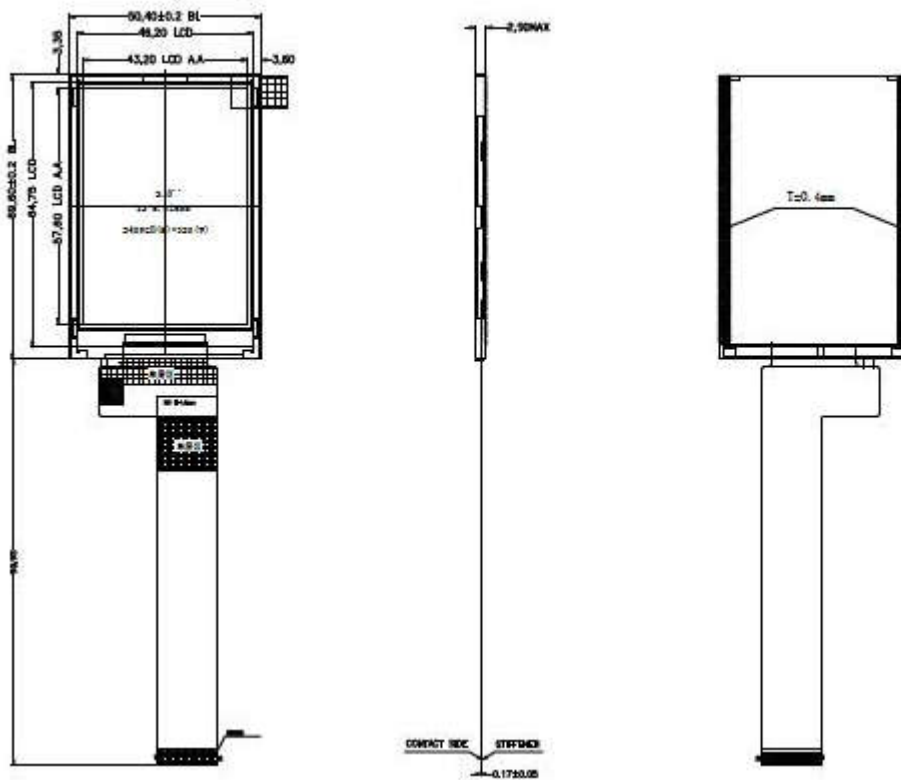


Keywords Desc. :	2.8 inch 240*320 TFT LCD display, 30 pins mcu 16 bit 400 cd/m2
Product Class :	Graphic LCD Display
Product Tags :	Color TFT-LCD
Panel Type :	a-Si TFT-LCD
Panel Composition :	LCM
Panel Size :	2.8"
Resolution :	240×320
Aspect Ratio :	3:4 (W:H)
Form Factor :	Flat Rectangle Display
Orientation :	Portrait type
Active Area :	43.2 (W) × 57.6 (H) mm (A.A)
Outline Dimension :	50.4 (W) × 69.6 (H) mm
Max. Depth :	2.9 mm
LC Family :	TN
Polarizer :	Transmissive
Brightness :	400 (Typ.)
Contrast Ratio :	500:1 (Typ.)
Viewing Angle :	70/70/60/60 (L/R/U/D)
Viewing Direction :	12 o'clock
Colors Amount :	65K

Backlight Type :	WLED
Interface Type :	CPU
Interface Pins :	30 Pins
Touch Panel :	Optional
Operating Temp. :	-20 ~ 70 °C
Storage Temp. :	-30 ~ 80 °C

2. Mechanical Characteristics

DESCRIPTION	DATE
THE FIRST ISSUE	2015.08.20



1	GND
2	VCI
3	I0VCC
4	GND
5	CS
6	RS
7	WR
8	RD
9	RESET
10	TE
11	DB0
12	DB1
13	DB2
14	DB3
15	DB4
16	DB5
17	DB6
18	DB7
19	DB8
20	DB9
21	DB10
22	DB11
23	DB12
24	DB13
25	DB14
26	DB15
27	GND
28	LED_A
29	LED_K
30	GND

Note: If you need the complete datasheet, please contact us.