

P32240J35L_X01

3.5 Inches, 320xRGBx240, 64K colors



Modification Record

Date	Content
2024/07/11	First release
2024/07/16	Optimize specification picture quality

Features

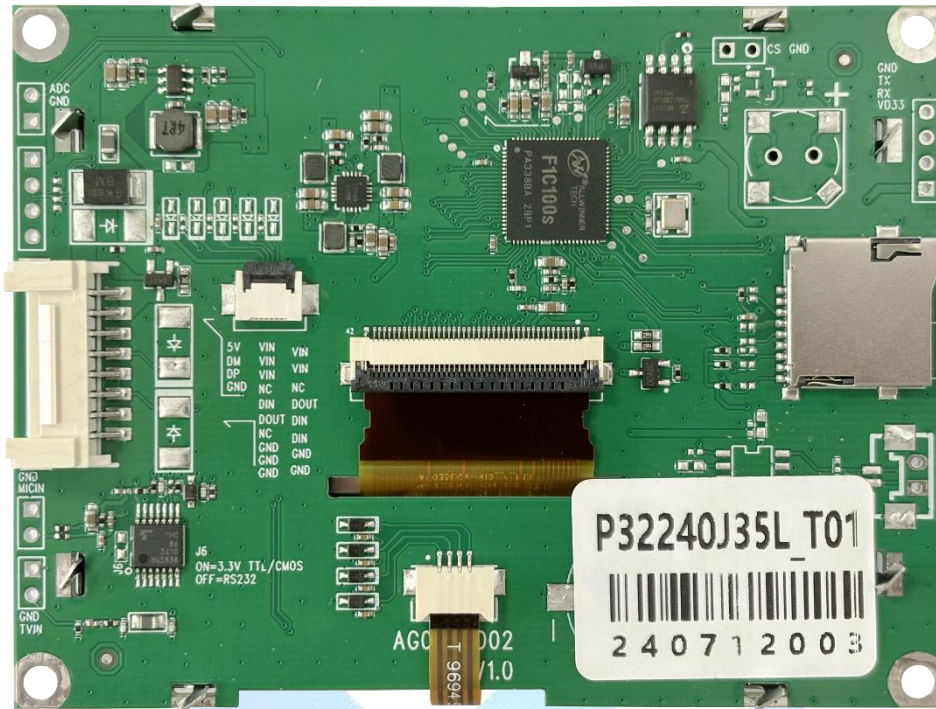
- Support RS232,TTL/CMOS, the max baud rate is 921600bps
- Support TTL/CMOS, the max baud rate is 3,125 Mbps;
- Support avi-video
- Support 1 CVBS analog video signal input display
- Support offline batch download through SD-Card, which improves download efficiency and reduce requirements for operators;
- Support multi-language font library, picture, QR code display;
- Support number and English input, customizable keyboard interface;
- Support 90 degrees, 180 degrees, 270 degrees screen rotation, adjustable visual angle;
- Easy-to-use UnicView GUIs Development, no coding skills required;
- Instant operation when power on without system load time;
- Excellent electromagnetic compatibility characteristics.

Display					
Color	64K (65536) colors,16 bit color 5R6G5B				
Resolution	320x240, 90° rotated display (240*320)				
Panel Type	TN,TFT-LCD				
Viewing Angle	Normal viewing angle, 70°/70°/50°/70° (L/R/U/D)				
Brilliance	300 cd/m ² Without a touch				
	250 cd/m ² With the touch				
Active area (A.A)	72.3mm(W) x 54.8mm(H)				
Backlight	LED				
Life Time	30000H				
Voltage & Current					
Item	Min.	Typ.	Max.	Unit	Notes
Power Voltage	5	12	15	V	-
VCC=+12V, Backlight on	-	90	-	mA	-
VCC=+12V, Backlight off	-	40	-	mA	-
Output voltage	3.0	3.3	-	V	High level
	-	0	0.3	V	Low level
Input voltage	2.4	3.3	5.0	V	High level
	0	-	0.5	V	Low level
Interface					
Item	Condition	Min.	Typ.	Max.	Unit
Baud Rate	Standard	1200	—	921600	bps
Interface	Mode: 8N1, J6 ON = +3.3V TTL/CMOS; OFF = RS232				
Socket	HY2.0-8P				
Peripherals					
Touchscreen Panel	Resistive				
Buzzer	-				
RTC	-				
Audio	-				
SD Card	Yes (SD/SDHC, FAT32, 4096) (Update the firmware, pictures, font, and other files)				
Memory					
Flash	16Mbyte (128Mbits)				
Other Info					

Working Temperature	-20°C~70°C
Storage Temperature	-30°C~85°C
Certification & Levels	IEC4、CE、RoHS
Net Weight	75g
Dimension	93mm (W) x 70mm (H) x 14.8mm / 16.3mm (T)

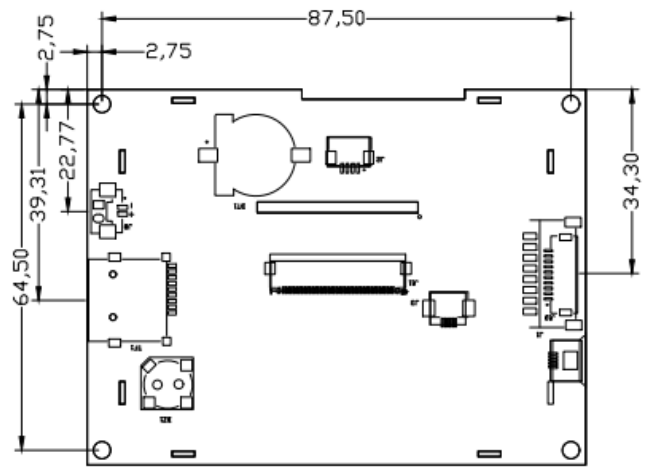
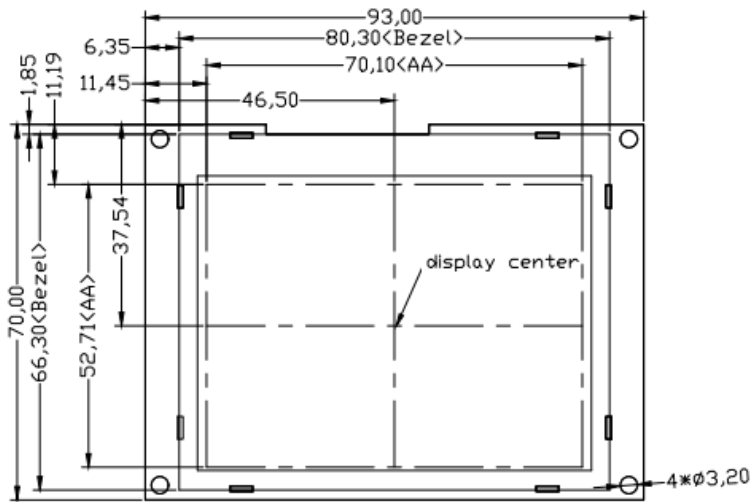


Interface Description



Item	Description
1	SD Card Connector
2	VCC,VCC,BUSY,DOUT,DIN,DIN,GND,GND

Idx	Lead	Description
1	VCC	power input
2	VCC	
3	BUSY	-
4	DOUT	-Serial transmission
5	DIN	Serial port reception
6	DIN	
7	GND	-
8	GND	-



1. Unit :mm,
2. Tolerance ± 0.3 mm not marked,
3. Dotted lines are marked as valid display areas.