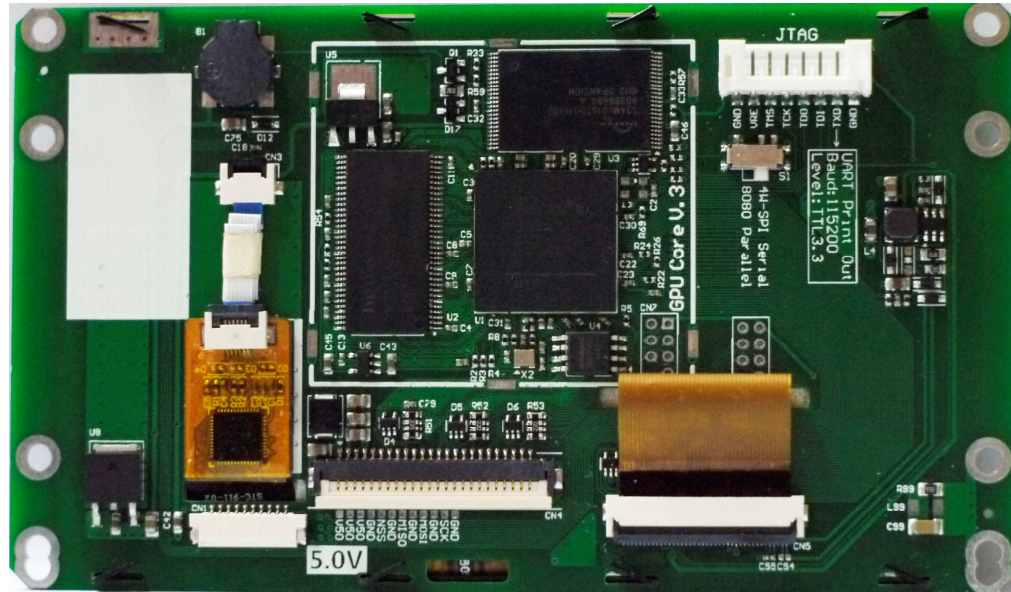


GL37U043AA4827[N/R/C]-00



1. Product Model

Model	Panel	Interface	Supply Voltage	Touch Panel	Resolution	Display Colors	Brightness	Nand-Flash	RTC	Buzzer	Operation temperature
GL37U043AA4827N-00	TFT 4.3"	SPI+8080	5V	×	480×272	RGB888	300 cd/m ²	120MBytes	×	√	-20~70°C
GL37U043AA4827R-00	TFT 4.3"	SPI+8080	5V	Res	480×272	RGB888	300 cd/m ²	120MBytes	×	√	-20~70°C
GL37U043AA4827C-00	TFT 4.3"	SPI+8080	5V	Cap	480×272	RGB888	300 cd/m ²	120MBytes	×	√	-20~70°C
GL37U043AA2748N-00	TFT 4.3"	SPI+8080	5V	×	272×480	RGB888	300 cd/m ²	120MBytes	×	√	-20~70°C
GL37U043AA2748R-00	TFT 4.3"	SPI+8080	5V	Res	272×480	RGB888	300 cd/m ²	120MBytes	×	√	-20~70°C
GL37U043AA2748C-00	TFT 4.3"	SPI+8080	5V	Cap	272×480	RGB888	300 cd/m ²	120MBytes	×	√	-20~70°C

备注:小批量采购,Nand-Flash 容量无法扩展,字库 bin 文件(www.neqee.com可下载)占用空间可能比较大,请妥善评估,敬请见谅!

NOTE: Purchasing in small batches, Nand-Flash size can not be expanded. The font bin files (www.neqee.com downloadable) may occupy a larger space, please properly evaluate, thanks!

2. Product naming rules

GL3 7 U 043AA 4827 R - 00
 ① ② ③ ④ ⑤ ⑥ ⑦

①产品类别 Product Category

GL2: GLCD 第二代产品. GLCD Second Third Generation Products.

GL3: GLCD 第三代产品. GLCD Third Generation Products.

②接口类型 Interface type

5: 4wire-SPI 单端 LVTTTL-3.3V 接口. 4wire-SPI Single Terminal LVTTTL-3.3V Interface

6: 8bit-8080 单端 LVTTTL-3.3V 接口. 8bit-8080 Single Terminal LVTTTL-3.3V Interface

7: 4wire-SPI+8bit-8080 单端 LVTTTL-3.3V 接口. 4wire-SPI+8bit-8080 Single Terminal LVTTTL-3.3V Interface

③工作电压 Power supply voltage

U: +5.0 Vdc

V: +12 Vdc

④液晶屏尺寸、类型 Size and Type of TFT-LCD Module

043AA: 普清普亮 4.3 寸 TFT 屏 General resolution and brightness 4.3 inch TFT screen

050AA: 普清普亮 5 寸 TFT 屏 General resolution and brightness 5 inch TFT screen

070AA: 普清普亮 7 寸 TFT 屏 General resolution and brightness 7 inch TFT screen

000VG: VGA output

⑤分辨率

4827: 480×272 8048: 800×480 8060: 800×600 2460: 1024×600

Note: 竖屏产品分辨率横竖对换 Vertical and horizontal resolution exchange for vertical screen products

⑥触摸屏类型 Touch screen type

N: 不带触摸屏 No touch screen

R: 带电阻触摸屏 Resistance Touch Screen

C: 带电容触摸屏 Capacitance Touch Screen

⑦客户定制编号 Customized Product Number

00: 标准产品 Standard products

01~ZZ: 客户定制产品的编号 Customized Product Number

3. Display parameters

Panel Type	a-Si TFT-LCD, LCM	Display Colors	16.7M 50% NTSC
Brightness	250 cd/m ² (Typ.)	Display Mode	TN, Normally White, Transmissive
Contrast Ratio	500:1 (Typ.) (TM)	Response Time	10/15 (Typ.) (Tr/Td)
Viewing Angle	70/70/50/70 (Typ.) (CR≥10)	Lamp Type	WLED , 20K hours

4. Absolute Maximum Rating

Item	Symbol	Min.	Max.	Unit	Note
Supply Voltage	V _{CC}	-0.3	12	V	
Input Signal Voltage	V _I	-0.5	4.6	V	
Electrostatic Discharge Voltage	V _{ESD}	-	±8	KV	Contact discharge
		-	±8	KV	Air discharge(In case of shell seal)
Storage Temperature	T _{STG}	-30	+80	°C	

5. Electrical Characteristics

Item	Symbol	Min.	Typ.	Max.	Unit
Supply Voltage	V _{CC}	4.5	5.0	5.5	V
High Level Input Voltage	V _{IH}	2.0	---	4.1	V
Low Level Input Voltage	V _{IL}	-0.5	---	0.8	V
Current Consumption(Back Light ON)	I _{CC}	230	---	450	mA
Current Consumption(Back Light OFF)	I _{CC}	---	180	---	mA
Operating Temperature	T _{OP}	-20	---	70	°C

6. Mechanical dimensions

