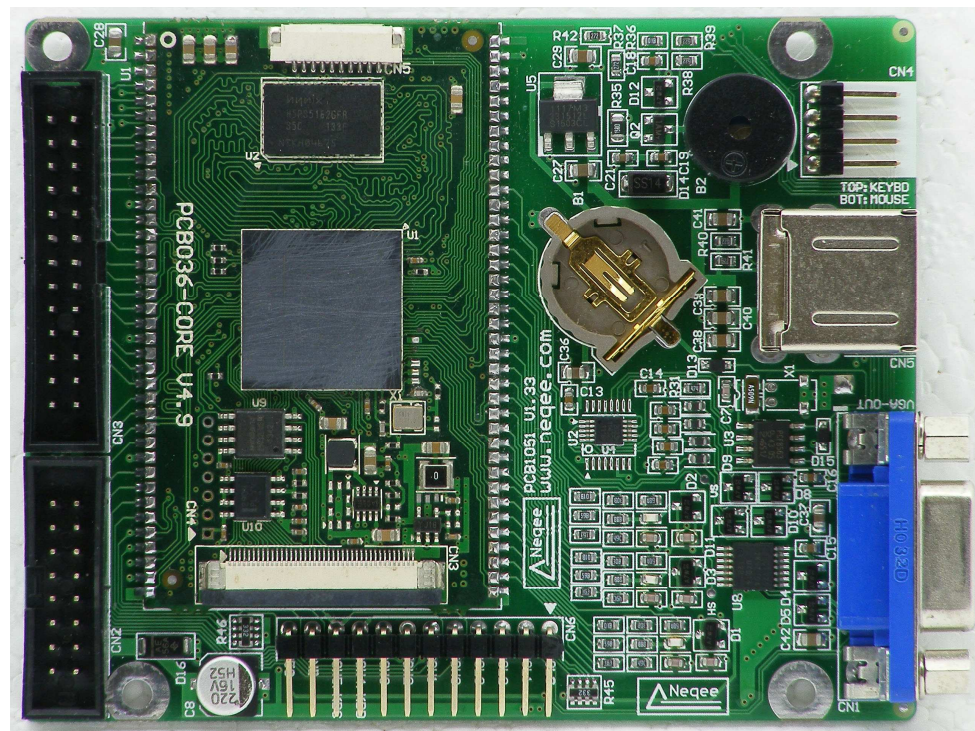


## GL25U000VGxxxxN-00



## 1. Product Model

Model	Panel	Interface	Supply Voltage	Touch Panel	Resolution	Display Colors	Nand-Flash	PS2 Mouse & PS2 Keyboard	RTC	Buzzer	Operation temperature
GL25U000VG8060N-00	VGA Port	SPI	5V	× (Has Port)	800×600	RGB888	120MBytes	√	×	√	-20~85°C
GL25U000VG2460N-00	VGA Port	SPI	5V	× (Has Port)	1024×600	RGB888	120MBytes	√	×	√	-20~85°C
GL25U000VG2468N-00	VGA Port	SPI	5V	× (Has Port)	1024×768	RGB888	120MBytes	√	×	√	-20~85°C
GL25U000VG1280N-00	VGA Port	SPI	5V	× (Has Port)	1280×800	RGB888	120MBytes	√	×	√	-20~85°C
GL25U000VG1368N-00	VGA Port	SPI	5V	× (Has Port)	1366×768	RGB888	120MBytes	√	×	√	-20~85°C
GL25U000VG1490N-00	VGA Port	SPI	5V	× (Has Port)	1440×900	RGB888	120MBytes	√	×	√	-20~85°C
GL25U000VG1224N-00	VGA Port	SPI	5V	× (Has Port)	1280×1024	RGB888	120MBytes	√	×	√	-20~85°C
GL25U000VG6024N-00	VGA Port	SPI	5V	× (Has Port)	600×1024	RGB888	120MBytes	√	×	√	-20~85°C
GL25U000VG8012N-00	VGA Port	SPI	5V	× (Has Port)	800×1280	RGB888	120MBytes	√	×	√	-20~85°C
GL25U000VG6813N-00	VGA Port	SPI	5V	× (Has Port)	768×1366	RGB888	120MBytes	√	×	√	-20~85°C
GL25U000VG9014N-00	VGA Port	SPI	5V	× (Has Port)	900×1440	RGB888	120MBytes	√	×	√	-20~85°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	-	Display Colors	-
Brightness	-	Display Mode	-
Contrast Ratio	-	Response Time	-
Viewing Angle	-	Lamp Type	-

## 4. Absolute Maximum Rating

Item	Symbol	Min.	Max.	Unit	Note
Supply Voltage	V <sub>CC</sub>	-0.3	6.4	V	
Input Signal Voltage	V <sub>I</sub>	-0.5	4.6	V	
Electrostatic Discharge Voltage	V <sub>ESD</sub>	-	±8	KV	Contact discharge
		-	±8	KV	Air discharge(In case of shell seal)
Storage Temperature	T <sub>STG</sub>	-30	+95	°C	

## 5. Electrical Characteristics

Item	Symbol	Min.	Typ.	Max.	Unit
Supply Voltage	V <sub>CC</sub>	4.5	5.0	5.5	V
High Level Input Voltage	V <sub>IH</sub>	2.0	---	4.1	V
Low Level Input Voltage	V <sub>IL</sub>	-0.5	---	0.8	V
Current Consumption(PS/2 Mouse&Keyboard Unconnected)	I <sub>CC</sub>	---	---	320	mA
Current Consumption(PS/2 Mouse&Keyboard Connected)	I <sub>CC</sub>	---	---	360	mA
Operating Temperature	T <sub>OP</sub>	-20	---	+85	°C

