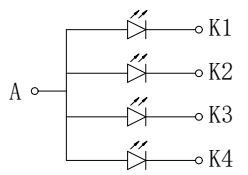


PIN	DESCRIPTION
1	VDD+5V
2	VDD+5V
3	NC
4	GND
5	GND
6	Uart_TXD/NC
7	Uart_RXD/NC
8	GND
9	PA_EN/NC
10	WAV/NC
11	GND
12	USB_DM
13	USB_DP
14	GND
15	GND
16	Uart_TXD
17	Uart_RXD
18	SYS_RST
19	BUSY
20	GND

- NOTES:
1. GENERAL TOLERANCE:  $\pm 0.2$
  2. ( ) REFERENCE DIMENSION
  3. Important dimension: ①~③



- Features :
1. Use PC software editor UI;
  2. USB port update;
  3. UART interface, applicable to small microcontrollers with limited resource, such as 8051, AVR, PIC, Z80, ARM and etc.
  4. Option: UART can be converted to RS-232, RS-485 or USB serial port.

LCD Type	2.8" TFT, Transmissive
	Normally White, TN
Resolution	240 (RGB) * 320
View Direction	6 o'clock
LCD driver IC	ST7789V
Color depth	65K
Interface types	Uart
Operating voltage	VDD: +5V; I/O: 3.3V
With TP/Lens	with RTP
Backlight	4 LEDs, 80mA (typ), 3.2V (ref.)
Surface luminance	250 cd/m <sup>2</sup> (typ)
Operating temperature	-20°C ~ 70°C
Storage temperature	-30°C ~ 80°C
Color chromaticity	[white] x: $\pm 0.03$ ; y: $\pm 0.03$

版本 (Version)	变更记录 (Revise History)	日期 (Date)
AO	Initial release	2022.04.28

设计 (DESIGN)	Bill
审核 (CHECKED)	Aron
批准 (APPROVED)	Aron
客户承认 (CUSTOMER APPROVAL)	

**一 众 显 示**  
 TEAM SOURCE DISPLAY

TITLE:	页面 (Page)	1 / 1
LCM+PCBA+RTP	单位 (Unit)	mm
Drawing No.	比例 (SCALE)	1 : 1
ProLCD-T028P01	角度 (Angle)	