| PIN | DESCRIPTION |
|-----|-------------|
| 1 | GND |
| 2 | GND |
| 3 | IM0(8/16) |
| 4 | FMARK |
| 5 | YD/NC |
| 6 | XL/NC |
| 7 | RESET |
| 8 | RS |
| 9 | CS |
| 10 | RD |
| 11 | WR |
| 12 | VCC=2.8V |
| 13 | NC |
| 14 | GND |
| 15 | DB15 |
| 16 | DB14 |
| 17 | DB13 |
| 18 | DB12 |
| 19 | DB11 |
| 20 | DB10 |
| 21 | DB9 |
| 22 | DB8 |
| 23 | DB7 |
| 24 | DB6 |
| 25 | DB0 |
| 26 | DB1 |
| 27 | DB2 |
| 28 | DB3 |
| 29 | DB4 |
| 30 | DB5 |
| 31 | YU/NC |
| 32 | XR/NC |
| 33 | LEDA |
| 34 | LEDK |
| 35 | NC |
| 36 | NC |
| 37 | NC |
| 38 | NC |
| 39 | NC |
| 40 | GND |

BL 35.60±0.15
LCD OD 33.6
BL VA 31.2
LCD AA 30.6

LCM 2.35±0.15

BL 48.70±0.15
LCD OD 46.6
BL VA 41.4
LCD AA 40.8

240RGB(H)X320(V)
262K

1  40

-0.30
-0.50
19.50
20.50

0.30

6.99±0.3
40  1
17.15±0.5

40  1
3.00
4.00
PI+FPC=0.3+/-0.03mm

IM0=0，MCU16-bit,DB0~DB15；
IM0=1，MCU8-bit,DB8~DB15；

A —▷|—▷|—▷|— K

| LCD Type | 2.0"TFT,Transmissive, Normally black,IPS |
|----------|------------------------------------------|
| Resolution | 240(RGB)*320 |
| View Direction | All O'CLOCK |
| Driver IC | ST7789V |
| Color Depth | 65K/262K |
| Interface Types | MCU8/16-bit |
| Operating voltage | 2.8V |
| TP/Lens | Without |
| Backlight LEDs | 3 LEDs，20mA,9.3V |
| Surface luminance | 400 cd/m2 |
| Operating temperature | −20 ℃~70 ℃ |
| Storage Temperature | −30 ℃~80 ℃ |
| Storage Humidity | 60℃ 90% max |

"☜" Need to pay attention to    the key size with *

东莞市一众显示科技有限公司
DONG GUAN TEAM SOURCE DISPLAY TECH. CO, LTD.

| 版本(Version) | 变更记录(Change History) | 日期(Date) | 视 角(View): | 比例(Proportion): 1：1 | 设 计 (DESIGN) | 审 核 (AUDITING) | 批 准 (APPROVED) |
|---|---|---|---|---|---|---|---|
| V1 | | | 单 位(Unit): M M | 页 面(Page): 1 / 1 | | | |
| V2 | | | 产品型号 (Product Type): TST020QVHS-03 | | Jacky 2018.5.16 | Aron 2018.5.16 | |
| | | | 图纸版本 (Version): V1 | | | | |