1 8 inch LCD screen 1 77 inch TFT LCD screen SPI 18pin ST7735S model Z180SN007

1.77寸液晶屏
SPI 4wire
ST7735s
128*160

18pin 0.8mm间距 焊接式

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product description

product name:	1.77 inch TFT LCD screen
Product number:	Z180SN007
Resolution:	128 * 160
Built-in IC:	ST7735S

Panel type: TN
Display color: 65K
Frame size: 34 * 46.7 * 2.3mm
Display size: 28.03 * 35.04mm
Interface mode: SPI 4-wire
Connection method: Welded
pin: 18pin 0.8mm pitch
Backlight type: 2 lights in parallel voltage 3.3V current 30mA
Brightness: Puliang
Power consumption: 0.1W
touch screen: no
Service life: > 60000h
Operating temperature:-20 —70 ℃
Storage temperature: -30 —80 ℃

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Applications

Telecommunication equipment: telephones, walkie-talkies, watches, tablets, radios, etc.
Consumer products: cameras, players, toys, mobile phones, game consoles, etc.
Technical equipment: elevator controller, industrial machinery, etc.
Office automation: printers, scanners, time attendance machines, fax machines, etc.
Household appliances: air conditioner display, refrigerator, rice cooker, video doorbell, etc.
Car supplies: GPS, video player, odometer, radio, etc.
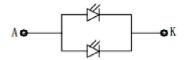IT products: handhelds, projectors, media players, etc.
Medical equipment: ultrasound machine, endoscope, therapeutic instrument,
sphygmomanometer, etc.

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Interface definition

Pin	Features
1	GND
2	LEDK
3	LEDA
4	GND
5	RESET
6	D / C
7	DIN
8	CLK
9	VCC
10	VCC
11	CS
12	GND
13	NC
14	NC
15	NC
16	NC
17	GND
18	GND

Back light circuit

CIRCUIT DIAGRAM
(I=30MA V=3.0-3.4V)

Product drawings