

## OKY4010

**Product Name:** LCD 16x4 1604 Character LCD Display Module Blue LCM Module

**Product Module:** OKY4010

### **Product Features:**

Part Number(Order Number) 1604 LCD

Connection Pin Header

Display Format 16x4 Character

Sunlight Readable No

Touch Panel Optional No

Outline Dimension 87.0(W)x60.0(H)x12.5(T)mm

Visual Area 61.70x25.20mm

Active Area 56.20x20.80mm

Character Size 2.95x4.75mm

Diagonal Size No

Dot (Pixel) Size 0.55x0.55mm

Dot Pitch 0.60x0.60mm

IC Package COB

IC or Equivalent AIP31066 , HD44780, KS0066 , SPLC780 , ST7066

Interface 6800 4-bit Parallel , 6800 8-bit Parallel

Display Type STN-LCD Yellow

Response Time(Typ) No

Contrast Ratio(Typ) No

Colors No

Viewing Direction 6:00

Viewing Angle Range No

Appearance White on Yellow

Brightness(Typ) No

Backlight Color Yellow Color

Backlight Current (Typ) 45mA

Power Supply(Typ) 5.0V

Supply Current for LCM(Max) 1800uA

Operating Temp -20°C~70°C

Storage Temperature -30°C~80°C

### **Products Description:**

ERM1604SYG-1 is 16 characters wide,4 rows character lcd module,SPLC780C controller (Industry-standard HD44780 compatible controller),6800 4/8-bit parallel interface,single led backlight with yellow green color included can be dimmed easily with a resistor or PWM,stn-lcd positive,dark blue text on the yellow green color,wide operating temperature range,rohs compliant,built in character set supports English/Japanese text,

see the SPLC780C datasheet for the full character set. Optional 3.3v or 5v power supply and optional pin header connection. Here is the link for 5V.

It's easily controlled by MCU such as 8051, PIC, AVR, ARM and Raspberry Pi. It can be used in any embedded systems, industrial device, security, medical and hand-held equipment.

### **Package Included**

1×PCS     1604A Character LCD Display Module

