

## **OKY4010-1**

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

**Product Module:** OKY4010-1

### **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℃~70℃  
Storage Temperature -30℃~80℃

### **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    1604LCD Display Module

