

# 20x4 LCD display - I2C



**Produktkode:** 507

**Tilgjengelighet:** Opp til 1 mnd leveringstid

**Pris:** kr. 120,00

## Short Description

Blue (Yellow)-Green-Serial-IIC-I2C-TWI-2004LCD-20X4-Character-LCD-Module-For-Arduino

## Beskrivelse

### Description:

Dedicated IIC control for Arduino, it only takes two IO

Adjustable contrast, the backlight control to provide library

## Features:

High quality LCD screen, Yellow Green, clear display

IIC bus control, it only takes two IO ports

Backlight control, you can control via a jumper, you can also program control

Adjustable display contrast

5V power supply, the device address 0x27 (or 0x3F)

Compatible to Arduino

## library

[Library for display](#)

SCL kobles til A4, SDA kobles til A5, Vcc til 5v Gnd til 0V

Eksempel på testskisse:

```
/**
 * Displays text sent over the serial port (e.g. from the Serial
 * Monitor) on
 * an attached LCD.
 */
#include
#include

// Set the LCD address to 0x27 for a 16 chars and 2 line display
LiquidCrystal_I2C lcd(0x27, 20, 4);

void setup()
{
  lcd.begin();
  lcd.backlight();

  // Initialize the serial port at a speed of 9600 baud
  Serial.begin(9600);
  lcd.setCursor(0,0); lcd.print("linje 1");
  lcd.setCursor(0,1); lcd.print("linje 2");
  lcd.setCursor(0,2); lcd.print("linje 3");
  lcd.setCursor(0,3); lcd.print("linje 4");
```

```
}  
  
void loop()  
{  
  // If characters arrived over the serial port...  
  if (Serial.available()) {  
    // Wait a bit for the entire message to arrive  
    delay(100);  
    // Clear the screen  
    lcd.clear();  
  
    // Write all characters received with the serial port to the LCD.  
    while (Serial.available() > 0) {  
      lcd.write(Serial.read());  
    }  
  }  
}
```

## Product Gallery

