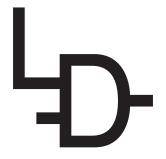
PCL Einsteigerworkshop LED Signals light Begleitmaterial



Web Ressourcen

Arduino IDE

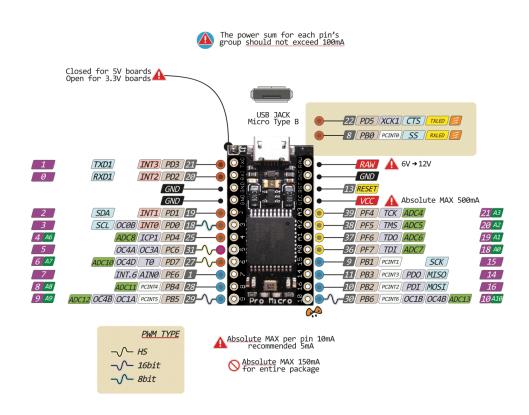
arduino.cc/en/Main/Software

Code Repository

github.com/FrederikBrueckner/FB4_PCL_LED-Signals-light

Übersicht Pinbelegung Mikrocontroller

PROMICRO







Aufbau zu Programmierübung 01: Blink

Materialien

Arduino Pro Micro

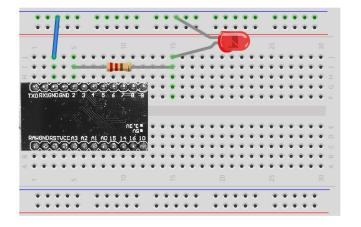
Micro-USB Kabel

Breadboard

LED 5mm, 20mA

Drahtwiderstand 220 Ω

kleine Drahtbrücke



Aufbau zu PU_02, 03: Fade, Morse Code

Materialien

Arduino Pro Micro

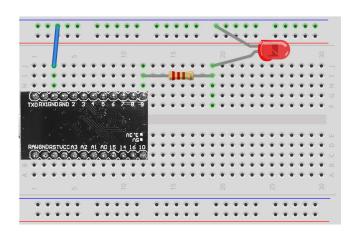
Micro-USB Kabel

Breadboard

LED 5mm, 20mA

Drahtwiderstand 220 Ω

kleine Drahtbrücke



Aufbau zu PU_04, ff.: Matrix

Materialien

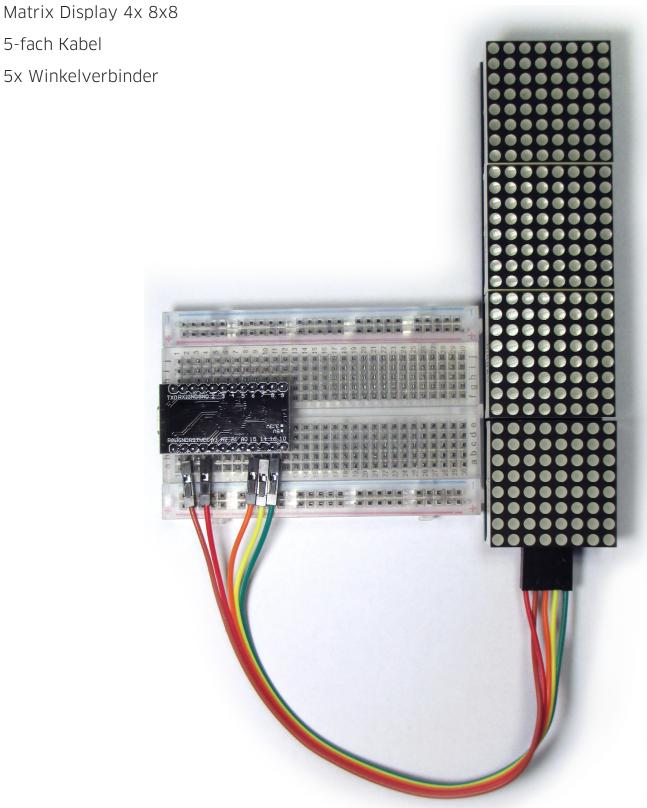
Arduino Pro Micro

Micro-USB Kabel

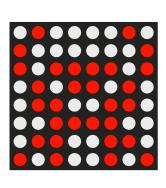
Breadboard

Matrix Display 4x 8x8

5-fach Kabel

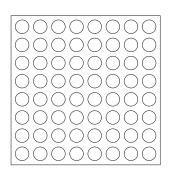


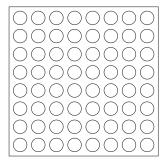
Matrix Beispiel

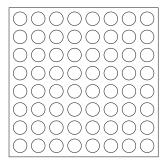


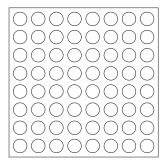
```
const uint8_t data[] =
{
   B01000010,
   B10000001,
   B10111101,
   B01011010,
   B01100110,
   B01100110,
   B01100110,
   B10100101
};
```

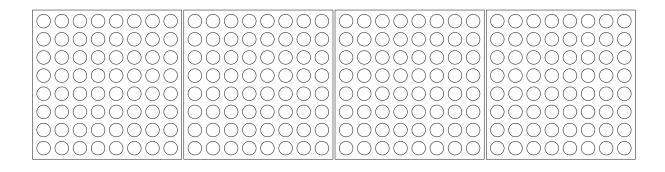
Matrix Entwurfsvorlagen

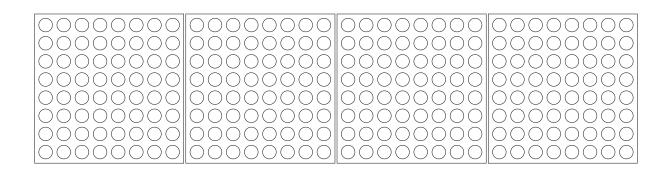


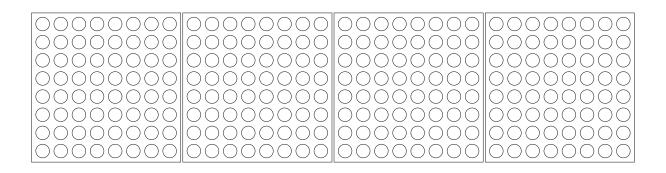


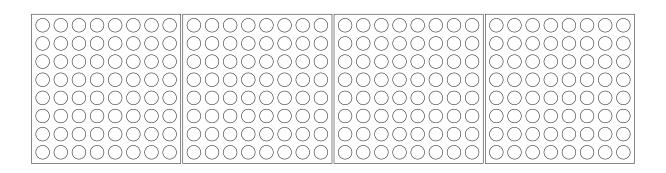












1. Fassung

16. April 2018

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