



IoT OG EMBEDDEDE SYSTEMER 1

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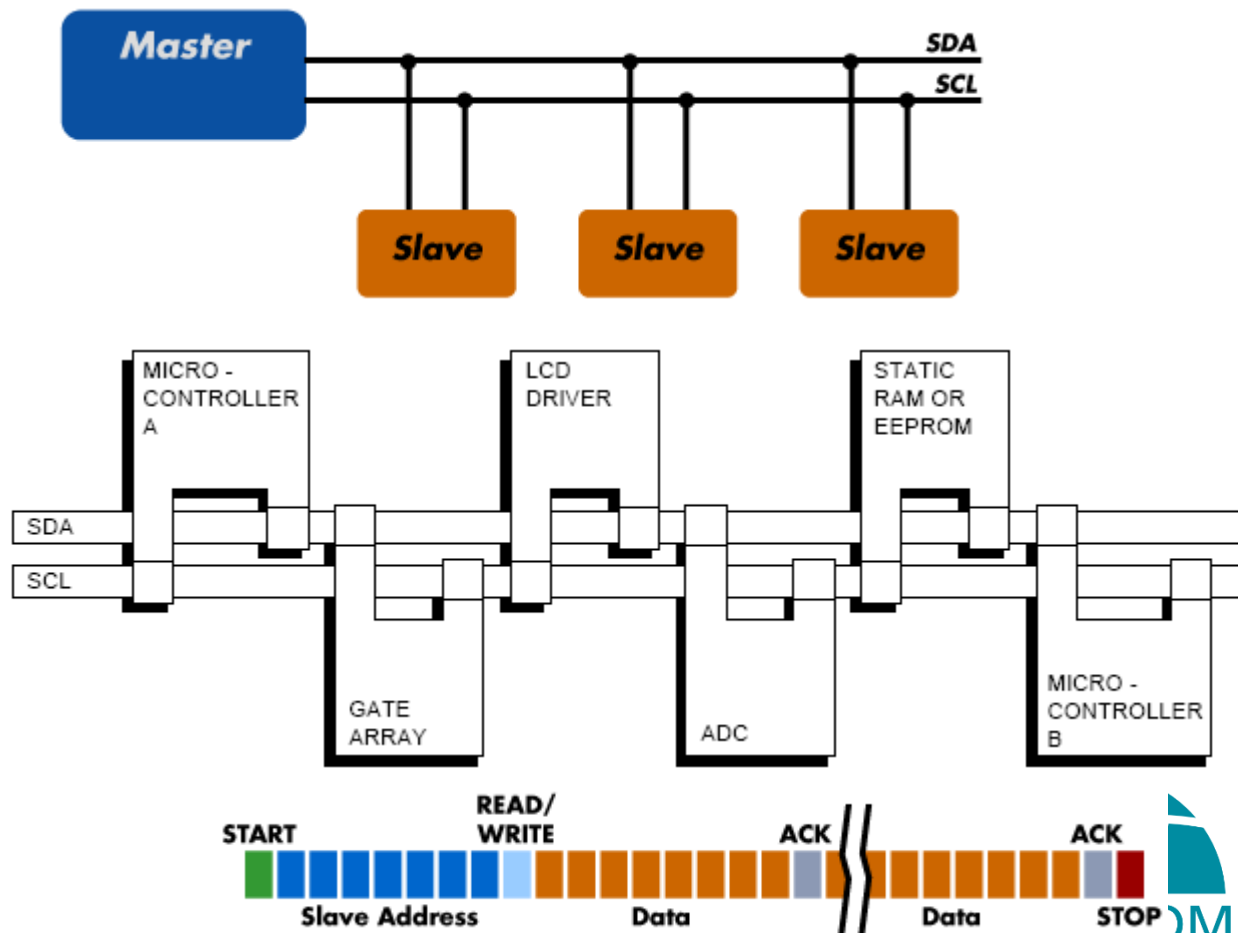
IoT faget

- Hardware
 - Arduino
 - chipsæt
 - komponenter
- Software
 - Programmering med microcontroller
 - C/C++
 - interrupts
- Kommunikations teknologier
 - Serial
 - I2C
 - Wifi
 - Zigbee

Inter-Integrated Circuit (I²C)

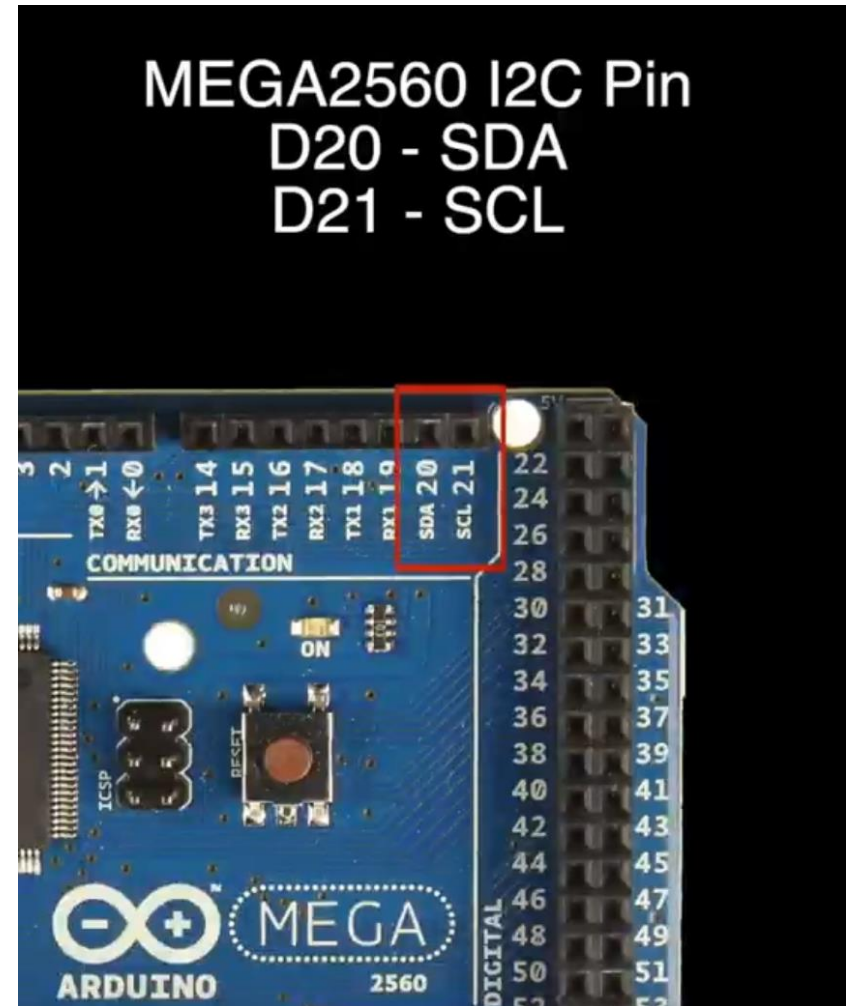
- Protocol for serial kommunikation

ATMega xx, I2C Bus



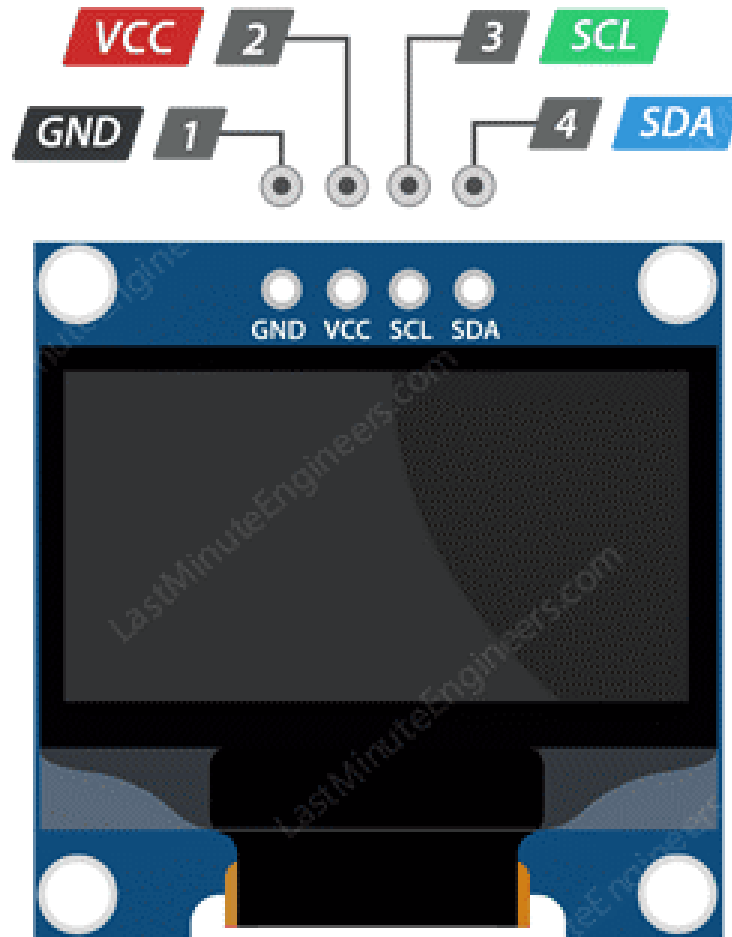
SDA og SCL

- SDA (Serial Data)
- SCL (Serial Clock)

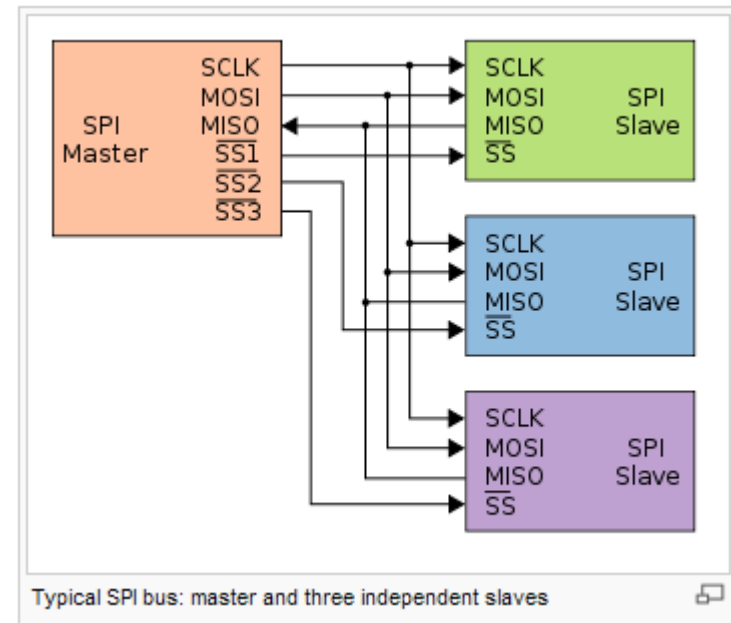
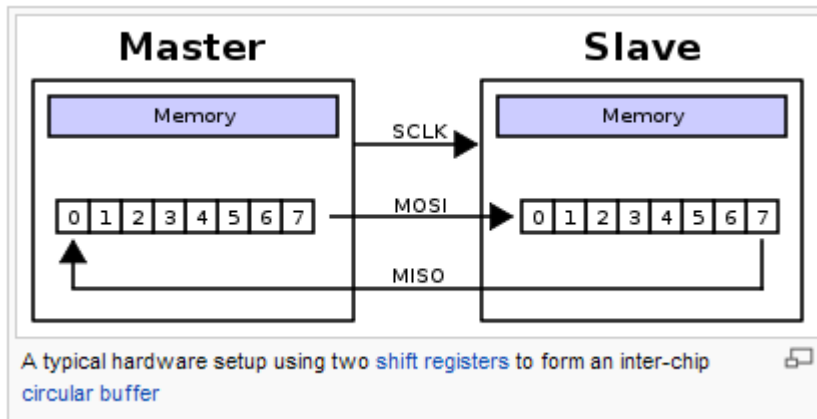


SSD1306 Display

- Mini OLED display



ATMega xx, SPI Bus



SPI Bus (Serial Peripheral Bus) anvendes blandt andet til download af SW fra PC/MAC til ATMega xx processor.