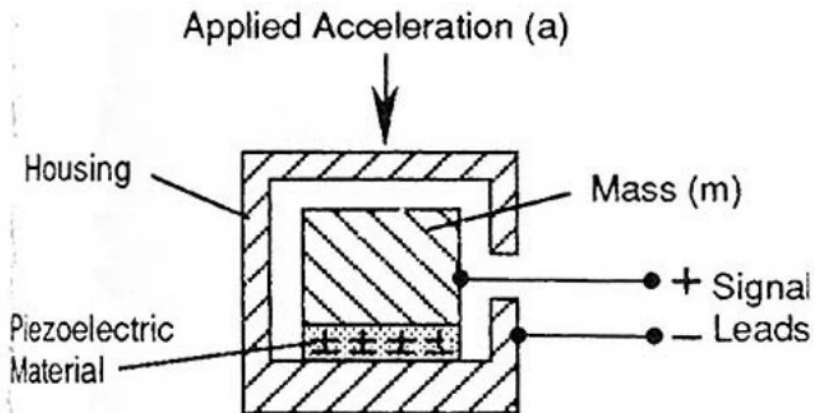


Paātrinājuma mērīšanas sensors (Accelerometer)

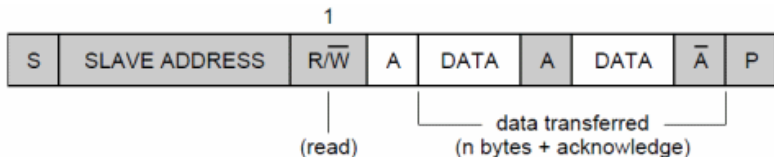
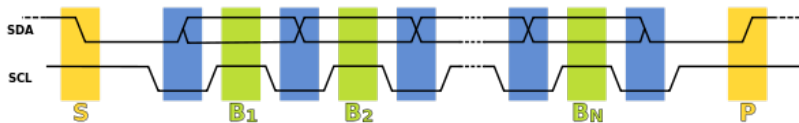
Jānis Erdmanis

2013. gada 6. Decembris



Basic Accelerometer

Datu nolasīšana no iekārtas



■ from master to slave

□ from slave to master

A = acknowledge (SDA LOW)

\bar{A} = not acknowledge (SDA HIGH)

S = START condition

P = STOP condition

Izmantotais kods

```
#include "Wire.h"

#include "ADXL345.h"
ADXL345 accel;

#include <LiquidCrystal.h>
LiquidCrystal lcd(13, 12, 11, 10, 9, 8);

int ax, ay, az;

void setup() {
    Wire.begin();
    Serial.begin(9600);
    accel.powerOn();
    lcd.begin(8, 2);
}
```

Cikliskā darbība

```
void loop() {  
    accel.readAccel(&ax, &ay, &az)  
    lcdprint(ax,ay,az);  
    serialprint(ax,ay,az);  
    delay(100);  
}
```