## Assignment on I2C

 Mahdi Hasnat Siyam , 1705003 July 26, 2021

## 1 Brief Introduction of the Two-Wire Interface

TWI is serial , synchronous , bidirectional , multi-master , and self-reserved communication bus. It has two wire namely SDA and SCL. SDA is serial data line and SCL is serial clock line.

## 1.1 Properties of TWI

• Both SDA and SCL are connected to power source with pull up resistor.