



VCC 5V

Short the pads if the board doesn't have the expander.

Place pull-up resistors on the expander.

Remove the resistors if the MCU equippis pull-up resistors or works on the different voltage.

```
graph LR; VCC[VCC] --- R1(( )); R1 --- EX_SCL[EX_SCL]; EX_SCL --- SCL[SCL]; EX_SDA[EX_SDA] --- SDA[SDA];
```

