Raspberry PI 4B programmato in Codesys

GPIOs Configuration

Parameter
- GPIO4
- GPIO17
- GPIO18
- GPIO22
- GPIO23
- GPIO24
- GPIO25
- GPIO27
- GPIO28
- GPIO29
- GPIO30
- GPIO31

In
Out

Equivalent Circuit for Raspberry Pi GPIO pins
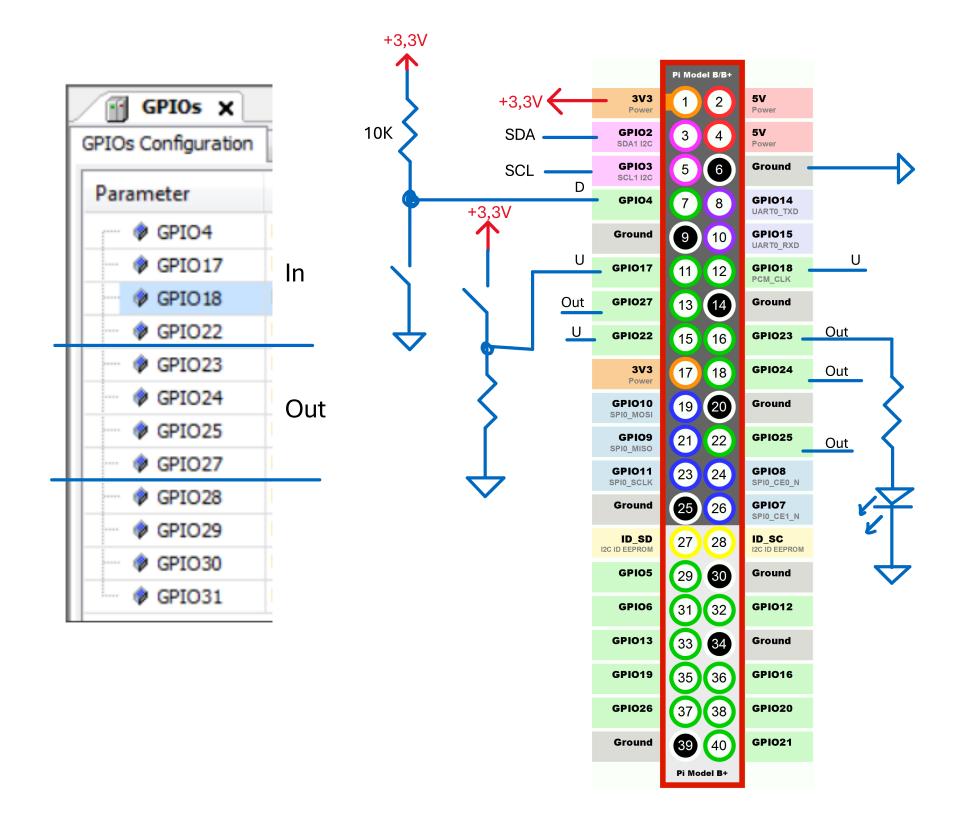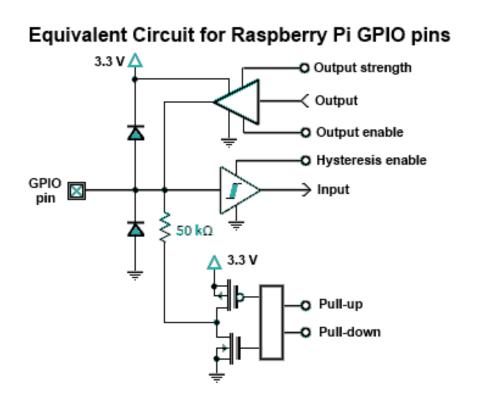
In SSH:
sudo apt-get update
sudo apt-get upgrade
sudo raspi-config (abilitare i2c)
apt-get install -y i2c-tools
sudo i2cdetect -y 1

In Codesys:
Installare (Tools > Repository):
- libreria: I2C_PCF8574_3.library
- dispositivo: PCF8574.devdesc.xml

ADD. 0x38
ADD. 0x39