

# QIG - Breakout Platine - Banana Pi

1. Install WiringPi on your system

Banana Pro:

```
git clone https://github.com/LeMaker/WiringBP.git -b bananapro
```

Banana Pi:

```
git clone https://github.com/LeMaker/WiringBP.git -b bananapi
```

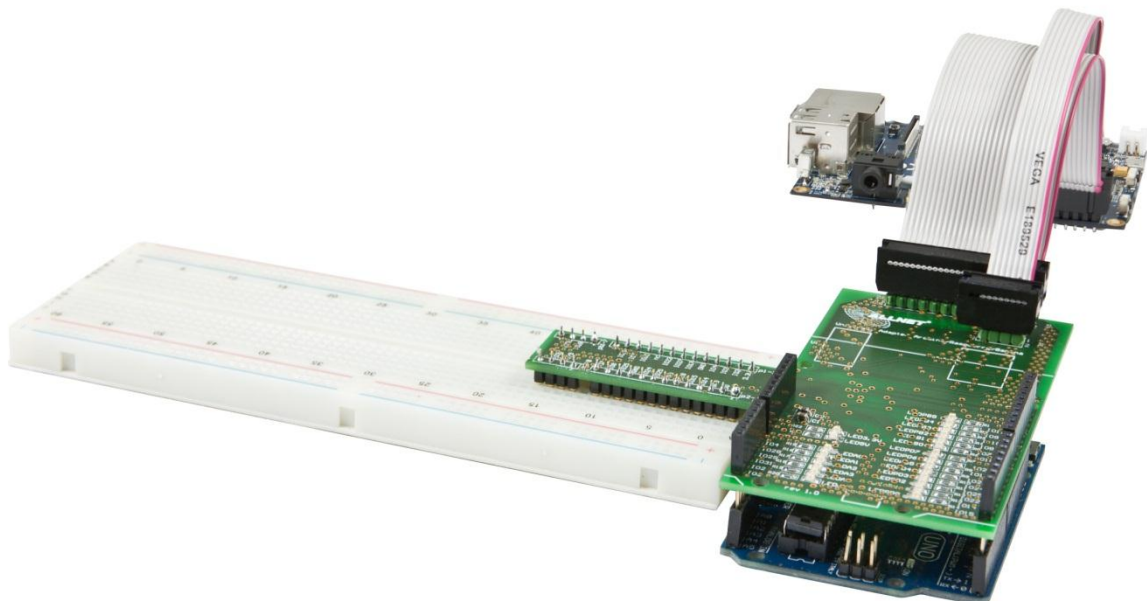
Installation:

```
cd WiringBP  
chmod +x ./build  
sudo ./build
```

Testing if all GPIOs are detected:

```
gpio readall
```

2. Turn off the BananaPi and connect the platine using the flat ribbon cable with the bananapi. Last connect the Arduino like the following picture shows:



3. Find the Arduino in using dmesg.

```
dmesg | grep i2c
```

4. The Arduino should be listed at the end with its unique device-file (/dev/x\*).