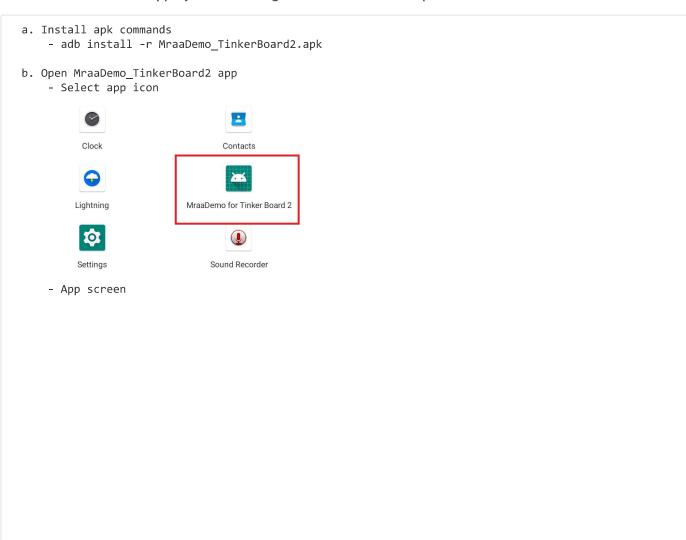
GPIO PIN

1. Config the /dtoverlay/config.txt by adb commands.



2. Install the MraaDemo app by the following commands and then open it





3. Select the GPIO item to test



4. Test the gpio input mode and values



5. Test the gpio output mode and values

```
a. Set the gpio output mode and values by app

Click what you want to output:

HIGH

LOW

b. Check the output mode and value by adb commands

- adb shell cat /sys/class/gpio/gpio8/direction
Return: "out" --> Pass

"in" --> Fail

- adb shell cat /sys/class/gpio/gpio8/value
Return: same with app value (High=1, low=0)--> Pass
different with app value --> Fail
```

6. The GPIO verify completely!