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PRUSA RESEARCH by JOSEF PRUSA

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[gpio board] not working with USB Stick but octoprint ⟩

[Solved] [gpio board] not working with USB Stick but octoprint

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Käsekuchen
(@kasekuchen)

👤 💬

Active Member

⭐

[gpio board] not working with USB Stick but octoprint

Hello,

I have set up a test setup with an esp32. The gpio board is connected to an esp32 via the 2.5mm connector. I have written a test script which switches through pins 0-2 one after the other. If the gcode is executed from the usbstick, only pin 0 is switched high low. If I execute the commands individually or the entire gcode in octoprint then everything works as expected. The behavior is also the same with a measuring device instead of esp32. Everything works with octoprint. Not with gcode from USB. Can anyone help me further.

Here my script but I also tried minimized versions. No luck with pins 1 and 2. Just pin 0 working

```
;G28
;Test GPIO Pins 0, 1, and 2 on MK4
M262 P0 B0 ; Set Pin 0 to output
M262 P1 B0 ; Set Pin 1 to output
M262 P2 B0 ; Set Pin 2 to output

M18 ; disable motors

M117 GPIO Test started
```

```
M300 S220 P500
G4 P2000 ; wait 2 sec
M264 P0 B0 ; Pin 0 high
M117 Pin 0 high
M300 S440 P200
G4 P2000 ; wait 2 sec

M264 P1 B1 ; Pin 1 low
M117 Pin 1 low
M300 S220 P500
M300 S233 P500
G4 P2000 ; wait 2 sec
M264 P1 B0 ; Pin 1 high
M117 Pin 1 high
M300 S440 P400
G4 P2000 ; wait 2 sec

M264 P2 B1 ; Pin 2 low
M117 Pin 2 low
M300 S440 P200
G4 P2000 ; wait 2 sec
M264 P2 B0 ; Pin 2 high
M117 Pin 2 high
M300 S440 P600
G4 P2000 ; wait 2 sec
M117 GPIO Test....

M264 P0 B1 ; Pin 0 low
M264 P1 B1 ; Pin 1 low
M264 P2 B1 ; Pin 2 low
M117 GPIO All low
M300 S220 P500
M300 S233 P500
M300 S247 P500
M300 S261 P1000
G4 P20000
M300 S440 P200
M300 S660 P250
M300 S880 P300
```

The M300 beeps are just for me to recognize the status while I was measuring with a voltmeter. So they could be ignored

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Topic starter answered:

RE: [gpio board] not working with USB Stick but octoprint

i am to dumb to see my problem. however if i remove the "comments" it works.

sorry my problem was off topic

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Posted : 27/10/2024 3:30 pm

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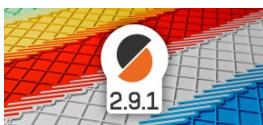
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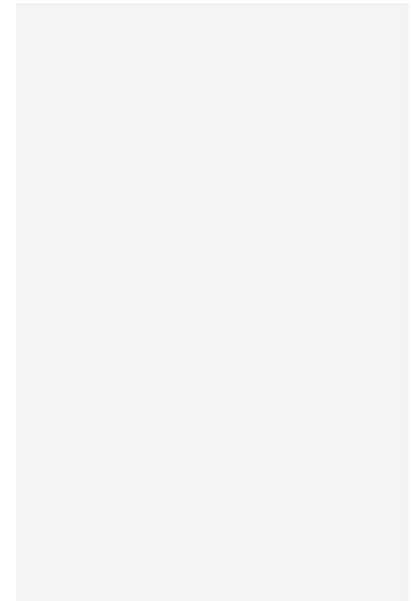Signup and get our **monthly** squeeze on updates, blog, printables and much more.

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