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GPIO control based on printer hotend temp?

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**jurassic73**

(@jurassic73)



Estimable Member



GPIO control based on printer hotend temp?

Is there any way to monitor printer status info to switch GPIOs based on values? That is, can I check the temp of the extruder and when it goes down to say 40C, turn off a GPIO output? Thinking of my enclosure fans which are run off a power strip which has a relay to switch it on and off. Once a print finishes it will needs some time to continue to exhaust.

Also, can I control the state of a GPIO output with a GPIO input? That is I have two input pins. One would be a button press to set a GPIO pin to high, the other to set low. This way I can turn something on and off.

This topic was modified 6 months ago by **jurassic73**

[MK3s / My IKEA Lack enclosure](#)

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Posted : 14/10/2024 5:55 pm

**unclej84**


(@unclej84)

RE:

For the buttons you can simply put 2 gcode files (btn_x.gcode where x is the input) into the "macros" folder on the USB stick - one only contains the code for setting your output to high and the other contains setting your output to low (M262 + M264 - see [here](#)).

Regarding temperature I don't think this is possible as all control

sensor to the input and then also call the gcode file for setting the output.

 This post was modified 6 months ago 2 times by **unclej84**

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Posted : 15/10/2024 2:44 pm



● **TravisWilder**
(@traviswilder)



Active Member






RE: GPIO control based on printer hotend temp?



There is a gcode to set the hotend temp and wait. This you can add to the end of print and after it the gpio gcode


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Posted : 19/10/2024 8:18 pm


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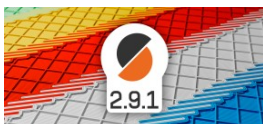
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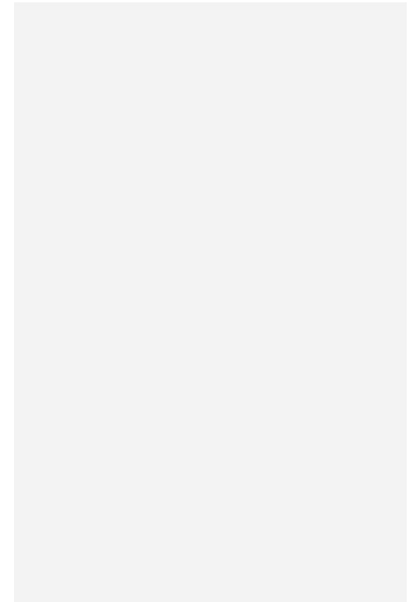
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