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Prusa add-ons (GPIO, accelerometer,...)

GPIO and parameter names

## GPIO and parameter names

☒ Last PostRSS **LarGriff**

(@largriff)




Estimable Member



### GPIO and parameter names

Is there a list of valid parameter names that can be referenced by gcode in communication with the GPIO board? For instance, I want to press a couple of buttons to enable/disable "Ready Mode" and I'd like an output to turn on a light when "Ready Mode" is active. Where would I find a reference of all available parameters? Thanks.

MK4S/MMU3

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Posted : 31/01/2025 4:36 am

**\_KaszpiR\_**

(@\_kaszpir\_)



Prominent Member




### RE: GPIO and parameter names

[https://help.prusa3d.com/article/gpio-module\\_734695](https://help.prusa3d.com/article/gpio-module_734695)

There is a section about setting pin state via gcode

See my [GitHub](#) and [printables.com](#) for some 3d stuff that you may like.

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Posted : 31/01/2025 9:20 am

Topic starter answered:

### RE: GPIO and parameter names

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● LarGriff

(@largriff)



Estimable Member



be used with GPIO gcode.

Sorry about the double posts. The forum search was a dead end.

MK4S/MMU3

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Posted : 31/01/2025 2:15 pm



● \_KaszpiR\_

(@\_kaszpir\_)



Prominent Member



### RE: GPIO and parameter names

You cannot do too much because gcode will be baked in and anything needs to be as triggering gpio pin (output) or executing gcode script from the pendrive if given gpio is triggered (input).

Also some printers do not support certain commands on the firmware, so the question is what do you want to do exactly.

See my [GitHub](#) and [printables.com](#) for some 3d stuff that you may like.

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Posted : 31/01/2025 2:20 pm



● LarGriff

(@largriff)



Estimable Member



### Topic starter answered:

### RE: GPIO and parameter names

I want to turn on a GPIO output based on the "ready" state of the printer.

MK4S/MMU3

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Posted : 31/01/2025 3:27 pm



● QMcMurray

(@qmcurray)

### RE: GPIO and parameter names

I think that we are try do do the same thing.

I'm thinking that that the M72 command can be used for what you're trying to do but I'm having issues understanding it.

[https://help.prusa3d.com/article/prusa-firmware-specific-g-code-commands\\_112173#m-commands](https://help.prusa3d.com/article/prusa-firmware-specific-g-code-commands_112173#m-commands)

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Posted : 01/02/2025 3:52 am

LarGriff liked



● LarGriff

(@largriff)



Estimable Member

**Topic starter answered:****RE: GPIO and parameter names**

Welcome to the bleeding edge!

There's also this OTHER list of gcode commands. [https://help.prusa3d.com/article/buddy-firmware-specific-g-code-commands\\_633112](https://help.prusa3d.com/article/buddy-firmware-specific-g-code-commands_633112)

I THINK the buddy specific version applies here but it doesn't even mention M72.

**Posted by: @qmcurray**

I think that we are try do do the same thing.

I'm thinking that that the M72 command can be used for what you're trying to do but I'm having issues understanding it.

[https://help.prusa3d.com/article/prusa-firmware-specific-g-code-commands\\_112173#m-commands](https://help.prusa3d.com/article/prusa-firmware-specific-g-code-commands_112173#m-commands)

It doesn't have a lot of information on how to use it though.

MK4S/MMU3

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Posted : 01/02/2025 3:00 pm



● QMcMurray

**RE: GPIO and parameter names**


Thanks!

That's a good point. I didn't consider that there would be a difference between the two lists.

Active Member



They're almost the same, which is frustrating, and nothing that I can see will set the printer status via gcode.

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Posted : 02/02/2025 3:04 pm

● **LarGriff**

(@largriff)




Estimable Member

**Topic starter answered:****RE:**

I got an email from customer support today saying there is no way to read the Ready status with gcode, but you can Set Ready with M1200. No documentation or examples were supplied and I haven't tried it, but FYI. Good luck!

MK4S/MMU3

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Posted : 02/02/2025 3:44 pm

QMcMurray liked

● **QMcMurray**

(@qmcurray)




Active Member

**RE: GPIO and parameter names**

Thanks for the Info!

That'll help with my project.

If I discover anything to read or Set the printer status I'll be sure to report back!

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Posted : 02/02/2025 3:47 pm

Valjuvic\_2 and LarGriff liked

● **Valjuvic\_2**

(@valjuvic\_2)

**RE:**

Happy to have found this thread, was looking for this.

I tried the M1200 without success on a prusa mini, any success on your side ?

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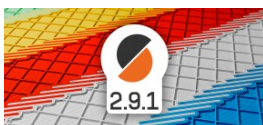
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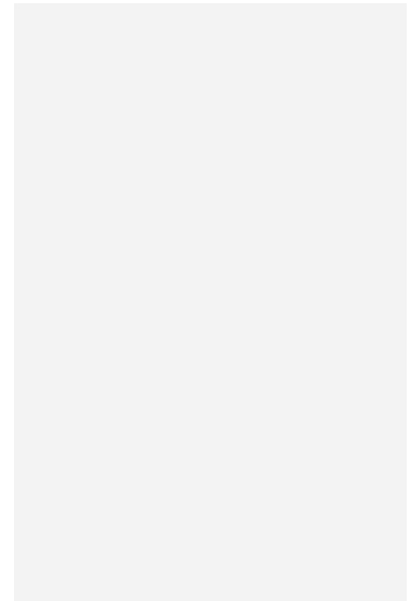
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