English ⌄   🔍   👤 Login

PRUSA RESEARCH by JOSEF PRUSA

3D printers   **Materials**   **Parts & Accessories**   **Software**   **3D Models**

English forum | Recent Posts | Announcements

🏠 > English forum > Prusa add-ons (GPIO, accelerometer,...) >
Setting the printer to ready via an input pin on the GPIO >

[Solved] Setting the printer to ready via an input pin on the GPIO

⊟ Last Post   RSS 🔊

● **QMcMurray**

(@qmcmurray)

👤 💬

Active Member

⭐

Setting the printer to ready via an input pin on the GPIO

I've modified my MK4S with an auto eject scrapper so I can queue up multiple prints with having to unload the printer manually.

It sends a finish signal Via the GPIO to a micro controller to start the sequence.

If you are curious this is the set up for the auto eject. Not my design, but works great: **https://github.com/d-weber/prusa-chain-production/**

Hats off the the designer d-weber.

However, the thorn in the lions paw is the set ready on the printer.

On the store page for the GPIO it claims it can be used to set the printer to ready.

This is what I have tried:

I've made Pin 6 on the GIPO to an input so I can have it execute a macro from a gcode file on the USB.

The macro is 2 lines of code:

1. M72 S1 ; Set printer to ready State
2. M300 ; Buzz to confirm macro was executed

I'm trying to use the M72 command to set the printer to the ready state. It seems like it should work.

https://help.prusa3d.com/article/prusa-firmware-specific-g-

English ∨   Login

I know the macro is executed because it buzzes. But the printer doesn't change.

- Does anyone understand the M72 command?
- Is there an alterative to way to do set the printer to ready through gcode?

I'm not much of a programmer so I'm out of my element.

Any help would be appreciated!

✎ *This topic was modified 3 months ago 2 times by* **QMcMurray**

❗ Log in to be able to post   🔗   ↗

Posted : 01/02/2025 3:41 am

LarGriff liked

QMcMurray
(@qmcmurray)

👤 💬

Active Member

⭐

Topic starter answered:

RE: Setting the printer to ready via an input pin on the GPIO

M1200 can be used to set the printer to ready from gcode.

❗ Log in to be able to post   🔗   ↗

Posted : 02/02/2025 3:51 pm

Valjuvic_2, Stumml and LarGriff liked

☰ All forum topics   ❮ Previous Topic   Next Topic ❯

🗐 Related Topics

📄 Is my GPIO set-up correct?   1 month ago
📄 GPIO Projects   3 months ago
📄 How do I make a fan turn on at the end of a print?   4 months ago

🏷 Topic Tags: GPIO (15), Set Ready (3), Auto Eject (1), gcode (166)

⌘ Share: 🐦

English ⌄   🔍   ⊙ Login

💬 **579**   📄 **65.8 K**   ↪ **460.8 K**   💡 **27**   👤 **73.4 K**
Forums   Topics   Posts   Online   Members

✏️ Latest Post: support material adhesion problem   👤➕ Our newest member: Print-Crafter
☰ Recent Posts   ⬨ Unread Posts   🏷️ Tags

Forum Icons: 💬 Forum contains no unread posts 💬 Forum contains unread posts ✔️ Mark all read

Topic Icons: 📄 Not Replied 📄 Replied 📄 Active 📄 Hot 📌 Sticky ❗ Unapproved ✅ Solved 🚫 Private 🔒 Closed
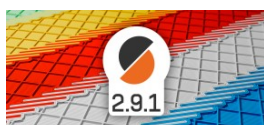
Blog

Flash Contests Theme: Fridge Repairs

Practical movie effects: Sara Villareal & Studio Gillis

Prusa Firmware Dev Diary – Regressive Extrusion Preview

Prusa Slicer 2.9.1: Smarter Sequential Printing & Stronger Multi-Material

Newsletter

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

E-mail

☐ I would like to receive the e-book "Basics of 3D Printing" as a gift

By clicking, you agree to receive our newsletter.

Subscribe

This site is protected by reCAPTCHA Enterprise and the Google Privacy Policy and Terms of Service apply.

Printables

English ⌄ 🔍 ⊙ Login

E-shop

3D Printers
Printer
Upgrades
Accessories
Prusa
Merchandise

Printables

3D Models
3D Design
Contests
Weekly 3D
Prints

Community

World Map
Forum
User
Groups
Events

Help

Prusa Help
Prusa
Academy
3D
Printing
Calculator
s

Software

PrusaSlice
r
Prusa.app
Prusa
Connect
Drivers
and
Software

Company

About Us
Blog
Press
Timeline
Contact
Us

General Terms and Conditions

General Terms and Conditions of Use of the PRUSA
Websites

Privacy Policy

Information about cookies

Status Page