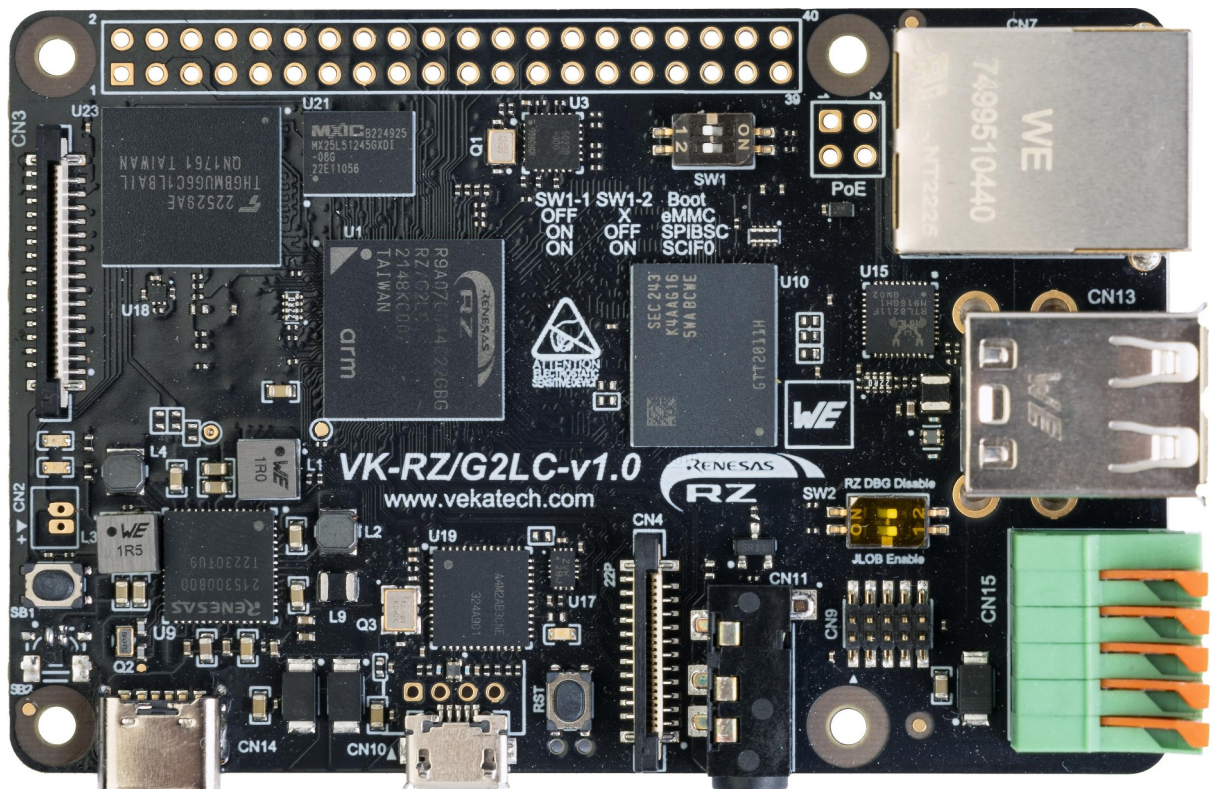


## VK-RZ/G2LC How to run App on OS start up



VK-RZ/G2LC v1.0 Board



# How To run App on OS start up

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***Content:***

**1. INTRODUCTION.....3**

**2. SOLUTION.....3**



# How To run App on OS start up

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## 1. Introduction

[VK-RZ/G2LC](#) is industrial oriented board, compatible with Raspberry Pi 4 shields. It is based on [Renesas R9A07G044C22GBG](#), Dual ARM Cortex-A55 + Cortex-M33 MCU. The main purpose of this manual is to show how to launch applications when the OS starts up. For more info about this board, please read the full [manual](#).

## 2. Solution

The easiest and most forward way is to use a user service. The way to do it, is to create a text file, with **.service** extension, located at **/usr/lib/systemd/user**. Let say the App that is required to be launched is **chromium** browser and for name of the service it is choosen to be **browser.service**. The content of that file should look like this:

### [Unit]

```
Description=Chromium (Kiosk Mode)
After=graphical-session.target
```

### [Service]

```
Restart=on-failure
RestartSec=5
Environment="WAYLAND_DISPLAY=wayland-1"

ExecStart=/usr/bin/chromium --enable-features=UseOzonePlatform
--ozone-platform=wayland --kiosk https://vekatech.com
```

### [Install]

```
WantedBy=default.target
```

- To allow the service to be launched on OS start up execute this:

```
systemctl --user enable browser.service.
```

→ To try if the service works as expected, reboot the system:

```
sudo reboot.
```



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| Revision overview list |                     |
|------------------------|---------------------|
| Revision number        | Description changes |
| 0.1                    | Initial             |

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