



SylVii V1 – Instruction Manual

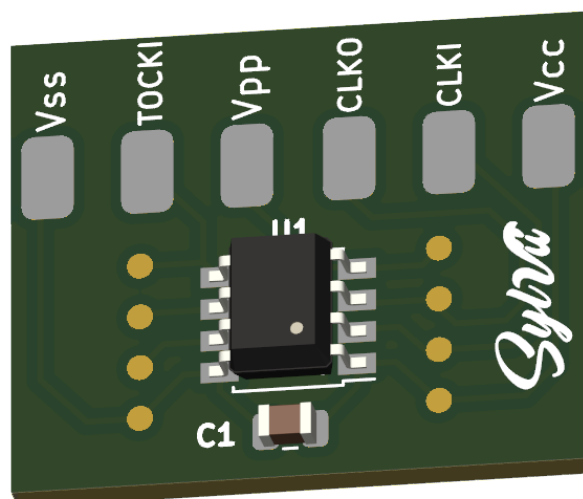
This manual will be covering the basics on how to operate the chip, this is NOT a reference guide to basic soldering or disassembly of the console unit, plenty of tutorials are out there so make sure you have this knowledge in mind prior to following the steps.

Basic Features:

*IC clip version only.

**Firmware dependable.

- 12F629/683/675 CMOS PIC microcontroller pre-installed.
- *Easy upgradability via IC clip, less risk damaging MCU pins.
- **Support for DMS / D2A / D2B Wii drive chipsets.
- **Supports Wii/GC originals/imports/backups.
- DVD-R/DVD+R support.
- **DVD+RW support (w/o manually setting book type).
- **Built-in audio-fix.
- **Support for GameCube homebrew.
- 5-wire installation, 1-wire for additional disable switch (stealth).



General Instructions:

1. Hold down the **POWER** button until the indicator LED turns red, then safely unplug the power cord from the unit.
2. Solder 5 wires from the chip (1,5,6,7,8) to the points on the back side of the optical drive as shown in the diagram. It is highly recommended to use 28AWG wire for the **VCC** and **GND** points for better continuity.
3. Re-assemble the console, hook up the appropriate cables and power on your Wii by single-pressing the **POWER** button.
4. Insert a game from your own region prior to inserting an imported or backup disc, this will setup the chip to use the appropriate configuration.
5. Follow the rest of the steps from the firmware's documentation to acknowledge operation.

Note: Wiinja firmware is very limited to most other open-source firmwares. It is not capable of booting imported games and only applies to own region originals/backups by default, so therefore a '*region enabler upgrade disc*' is required to make the chip region free.

Recommended firmwares: WiiFree or YAOSM (yet another open-source modchip).



Upgrade via Disc (Wiinja):

1. Power off the Wii by holding down the **POWER** button until the LED indicator goes red, then power it back on again.
2. Navigate to the 'Disc Channel' and insert the upgrade disc, the console should automatically reboot.
3. To confirm that the update has been successful, repeat step 2 until you notice the Wii cannot recognise the disc.

Recovery Mode (Wiinja):

You must have the optional wire soldered from pin 3 of the chip to the **RESET** switch in order to perform these instructions.

In the event of a bad upgrade or if you want to reset the region configuration. Press and hold down both **POWER** and **RESET** buttons for approximately 10 seconds, then unplug the power cord and re-connect it to the unit.

Using the Config Disc (OpenWii / WiiFree / YAOSM):

- Power off the Wii by holding down the **POWER** button until the LED indicator goes red, then power it back on again.
- Navigate to the 'Disc Channel' and insert the config disc for your chip's firmware, a GameCube banner will appear.
- Select 'Start' and follow the on-screen instructions.

Programming the Chip:

(refer to the '*programming manual*').

Questions:

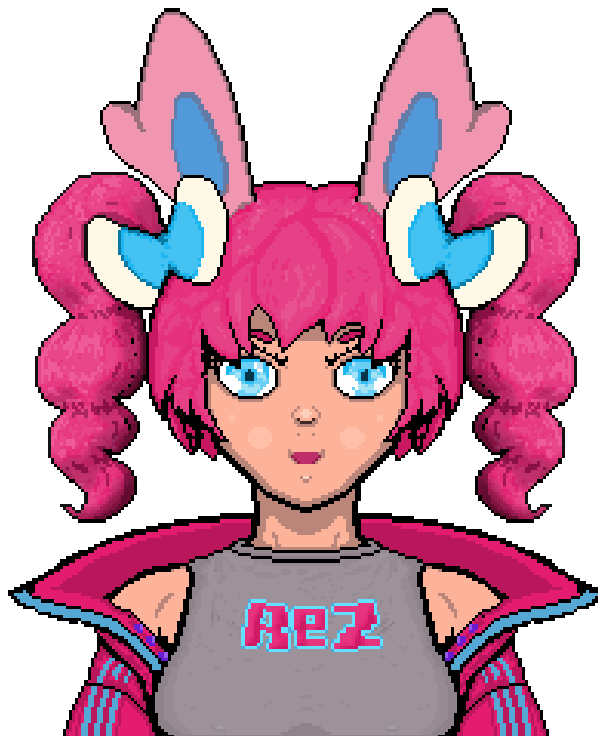
If you are currently having troubles installing the SylVii or have any other concerns, then refer to the official GitHub page to submit a bug report.

<https://github.com/m4x10187/sylvii-modchip>

Other Information:

Official Website: <https://m4x1mumrez87.neocities.org>

GBAtemp.net: <https://gbatemp.net>



And as always...
“True legends never die.”

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