

vLA81 External Configuration Switch Installation v1.0

An external config switch option can be added to the vLA81. This replicates the onboard configuration switch but allows the configuration to be changed without opening the case. It is simply plugged into the vLA81 (which has a small 5-pin JST connector already installed).

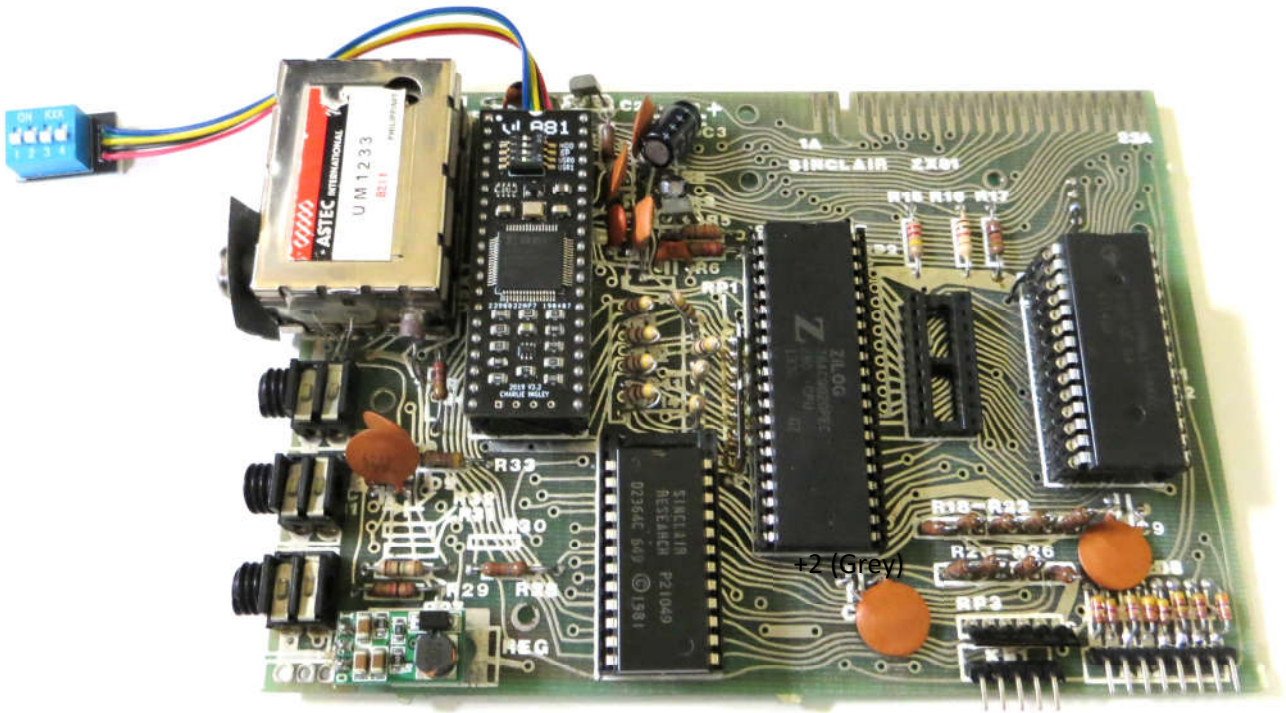


Fig.1 – vLA81 external configuraton switch

Caution: Care is needed when handling the external switch cable as the wires are very fine.

INSTALLATION STEPS:

1. Ensure the ZX81 power supply is disconnected.
2. Remove the ZX81 PCB from the case and unplug the keyboard membrane.
3. Copy the current onboard switch configuration to the external switch.
4. Switch all switches of the onboard config switch to the off position.
5. Locate the JST socket underneath pin 1 of the vLA81 .
6. Plug the external switch JST connector in the socket.
7. Reassemble the ZX81, routing the external switch cable to a convenient external location on the outside of the case (next to the RF output connector is preferred).

8. Peel off the protective paper from the double sided tape attached to the switch and press the switch assembly firmly onto the case at the desired location.



Fig.2 – External switch suggested position

9. Apply power, attach a monitor and check that the external switches work as expected (see the vLA81 user manual for more information).

TROUBLESHOOTING:

If the switch does not operate as expected then check for breaks in the wires attached to the switch. They can be resoldered but be advised, they are very fiddly!

If you have problems or need further advice with the installation procedure then please contact me on vdrivezx@gmail.com.

Have fun!

Charlie Ingley

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