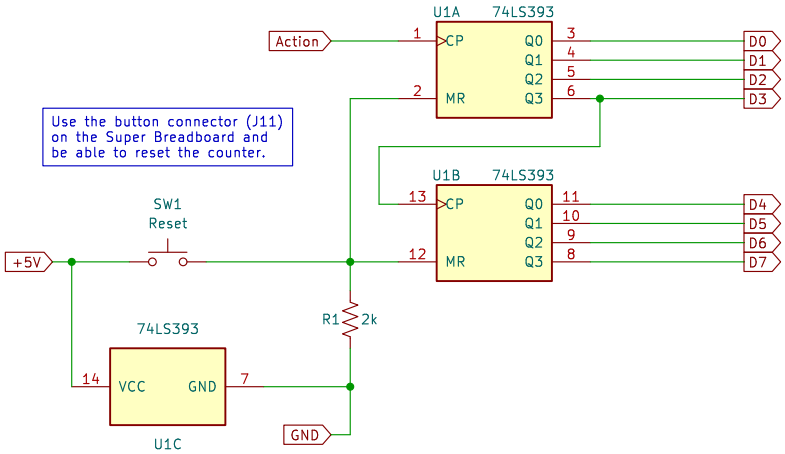
Wire the output of the Action-button of the 8-bit Workbench to the clock input of the IC (use connector J7 on the Super Breadboard). Make sure the Action -> Clock jumper (JP10 on the Workbench) is NOT set. Then this button can be used to increment the counter.

Option: add a LED to this Action by wiring its signal to the + of the LED on the Super Breadboard, make sure the - is attached to ground.

Attach the Super Breadboard to the 8-bit Workbench and wire the IC output to the output connector (J7) on the Super Breadboard.

Use the button connector (J11) on the Super Breadboard and be able to reset the counter.




**A simple example circuit that can be build on the Super Breadboard: an 8-bit counter with reset functionality. Only a 74LS393 chip and a 2k resistor is needed.**

Switch between hexadecimal and octal counting on the 8-bit Workbench. See if you can extend this circuit with a 555 timer IC, so the counter counts automatically.

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***Title: Prototype example for the Super Breadboard***

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