

Expanding digital input pins on the Arduino using a shift register

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March 2009

You may sometimes need more inputs than there are pins on the Arduino. One solution is to use a shift register. There is a good tutorial here: <http://www.arduino.cc/en/Tutorial/ShiftIn>

The 4021 chip used is available here:

<http://www.rapidonline.com/Electronic-Components/Integrated-Circuits/Logic/4000-Series-CMOS-logic-family>

order code: 83-0348, cost £0.30

Datasheet: <http://www.rapidonline.com/netalogue/specs/83-0272e.pdf>