



28-pin ZIF socket

PRODUCT ID: 382

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DESCRIPTION

TECHNICAL DETAILS



DESCRIPTION

A ZIF (Zero Insertion Force Socket) allows you to insert and remove chips easily from an existing circuits. These are often used for chip programmers or when you need to test a chip without damaging it. Move the lever up and chips drop right in. Move the lever down to 'latch' the chip in place.

This socket is designed for DIP chips of up to 28 pins and 0.3" wide. What's nice about it is it can snap into an existing circuit board or socket that is designed for the chip so you may not have to redesign the board! For example, we snapped it into an Arduino socket, which would allow you to change chips out (if you wanted to put a shield on top, [you'll need to fit a set of stacking headers on](#))

TECHNICAL DETAILS

Fits up to 28-pin DIP chips, in 0.3" width

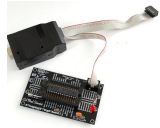
Overall body size: 0.6" x 2" x 0.43" (15mm x 50mm x 11mm) - not including lever or pins

Pins are 0.3" apart (fit into a 0.3" socket) and 3.6mm (0.15") long

[We have a tutorial on using ZIF sockets to make a mass-programmer](#)



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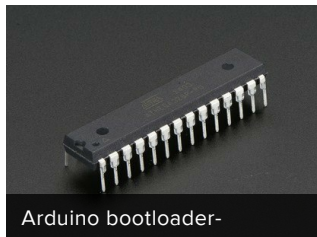
[Mass AVR ISP Programmer](#)

make program; make
program; make program;

MAY WE ALSO SUGGEST...



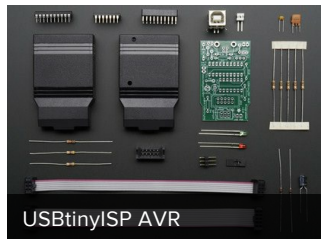
40-pin ZIF socket



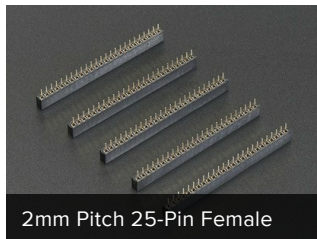
Arduino bootloader-



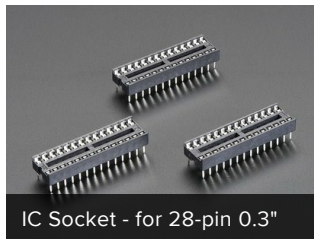
Barebones AVR dev. board



USBtinyISP AVR



2mm Pitch 25-Pin Female



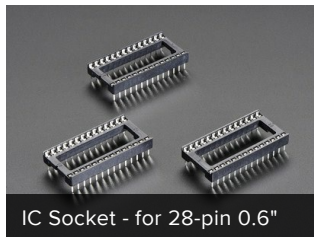
IC Socket - for 28-pin 0.3"



IC Socket - for 8-pin 0.3"



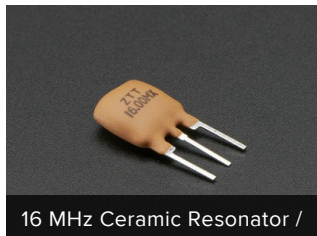
8 MHz Ceramic Resonator /



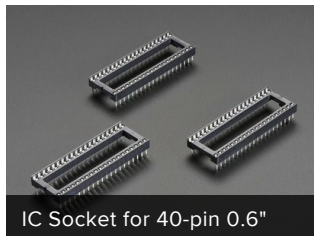
IC Socket - for 28-pin 0.6"



IC Socket - for 16-pin 0.3"



16 MHz Ceramic Resonator /



IC Socket for 40-pin 0.6"

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struggle to try and change the problematic model. You create a new model and make the old one obsolete" -
R. Buckminster Fuller



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