

The BASIC Stamp 1 Serial Adapter Hardware

The BASIC Stamp 1 microcontroller was designed for a parallel port programming interface using the DOS operating system. Support was later extended to the Windows operating system using the BASIC Stamp Editor software and a serial port with a level-shifting circuit called the BASIC Stamp 1 Serial Adapter.

The BASIC Stamp 1 Serial Adapter connects to a serial cable (or a USB cable with a USB-to-RS232 adapter) and the BS1 programming port; the 3-pin male connector on the BS1 Carrier Board, BASIC Stamp Rev Dx, or similar. It is available for a very low price on the <http://www.parallax.com> website (stock code 27111), or the circuit can be constructed out of commonly available parts as shown below.

BASIC Stamp 1 Serial Adapter Schematic

Parallax has verified the correctness of this schematic. Technical support is not available for this circuit.

