

BS2 Lite Development Board

The BS2DEV-LITE development system is an ideal starting point for people wishing to learn more about the BASIC Stamp family as well as for people wishing to test out a circuit idea.

The BS2DEV-Lite board can be used with any of the following BASIC Stamp modules: -

- BS1-MiniMod
- BS2-IC
- BS2E
- BS2-SX
- BS2-24P

The BS2DEV-Lite provides the beginner with three of the four basic input/output modules that you will generally come across: -

- 8 x LEDs representing digital outputs,
- 1 x 8-way DIP-switches representing digital inputs, and
- 2 x multi-turn trimpots representing analogue inputs

The BS2DEV-Lite also includes 2 x 8-pin DIP sockets that can be used to test out circuits that need to use an 8-pin IC.

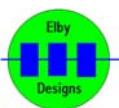
One of these sockets is initially fitted out with an Analogue-to-Digital converter (ADC), which can be used in conjunction with the trimpots to test out the analogue input functions of the system.

This IC demonstrates the power of 'microcontroller buses' where only a handful of pins from the BASIC Stamp are needed to access/control a wide variety of devices. In this we will be utilising National Semiconductors Microwire bus which requires a maximum of 4 lines for full access to a Microwire compatible device.



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photo shows the full version which has a ZIF socket, an extra 8-way DIPSWITCH and an EEPROM fitted in the 2nd DIP-8 socket



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