

Shop

- [New Products](#)
- [Sale](#)
- [EdTech Kits](#)
- [Last Chance](#)

- [Microcontrollers](#) -
- [Propeller](#) +
- [BASIC Stamp](#)** -
- [Kits](#)
- [Boards](#)
- [Modules](#)
- [OEM](#)
- [Shield for Arduino](#)
- [Robotics](#) +
- [Sensors](#) +
- [Boards](#) +
- [Books](#)
- [Cables/Converters](#) +
- [Components](#) +
- [Displays](#)
- [Education](#) +
- [Hardware](#)
- [Human Input Devices](#)
- [Identification](#)
- [Integrated Circuits](#)
- [Kits](#) +
- [Motors](#) +
- [Power/Batteries](#)
- [Sound/Audio](#)
- [Tools](#)
- [Wireless](#) +

BASIC Stamp 2 Interpreter Chip (SSOP)


\$10.99

 Product ID: **PBASIC2CI/SS**

 In Stock: **3,624**

Quantity	1	Add to cart
1-9	10-24	25-99
\$10.99	\$10.44	\$9.89
100-499	500-999	1000+
\$9.35	\$8.80	\$8.25
7 Downloads		

Overview

Build your own BASIC Stamp 2 with this surface mount (SSOP) interpreter chip and other standard parts. All the control and ease of programming that you have grown to appreciate in the BASIC Stamp 2 module (#BS2-IC) is available with this chip and a few other components. Recommended for high volume applications or those with limited PCB real estate, the [BASIC Stamp 2 interpreter chip](#) can be used on your own PCB as an OEM solution.

The three main components needed to build your own BASIC Stamp 2 are: 1) this PBASIC Interpreter Chip, 2) an EEPROM, 3) and a resonator; see Related Products.

We also offer the interpreter chip in a through-hole package (#PBASIC2/P).

Key Features:

- Small footprint for OEM PCB design
- Completed circuit is programmed in PBASIC 2.0 and 2.5, an easy to learn language based on BASIC
- Interpreter chip is preprogrammed with the BASIC Stamp 2 Interpreter firmware

Related Products

 BASIC Stamp 2 Microcontroller Module	 BASIC Stamp 2 Interpreter Chip (DIP)	 BASIC Stamp Syntax and Reference Manual v2.2	 BASIC Stamp 2pe Microcontroller Module
--	--	---	--

- [▶ Details](#)
- [▶ Downloads & Documentation](#)
- [▶ Additional Resources](#)

Parallax Inc.
599 Menlo Drive, Ste.100,
Rocklin, CA 95765 USA
toll-free 888-512-1024

- [Contact Us](#)
- [Employment](#)
- [Events](#)
- [Policies and terms of use](#)



Shop

Home > Microcontrollers > BASIC Stamp > OEM > Shop > BASIC Stamp 2 Interpreter Chip (SSOP)

BASIC Stamp 2 Interpreter Chip (SSOP)

New Products

Sale

EdTech Kits

Last Chance

Microcontrollers

Propeller

BASIC Stamp

Kits

Boards

Modules

OEM

Shield for Arduino

Robotics

Sensors

Boards

Books

Cables/Converters

Components

Displays

Education



\$10.99

Product ID: **PBASIC2CI/SS**

In Stock: **3,624**

Quantity

1

Add to cart

1-9	10-24	25-99	100-499	500-999	1000+
\$10.99	\$10.44	\$9.89	\$9.35	\$8.80	\$8.25

7 Downloads



Overview

Details

- Processor Speed: 20 MHz; ~4,000 PBASIC instructions/sec
- Package Type: 28-pin SSOP
- I/O pins: 16
- Voltage requirements: 2.5 to 5.5 VDC
- Current requirements: 3 mA Run, 50 μ A Sleep
- Communication: Serial
- Dimensions: 0.402 x 0.309 x 0.073 in (10.20 x 7.85 x 1.85 mm)
- Operating temp range: -40 to +185 °F (-40 to +85 °C)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Parallax:](#)

[PBASIC2CI/SS](#)