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BASIC Stamp 2p24 Microcontroller Module


Product ID: **BS2P24**

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Overview

The BASIC Stamp 2p24 serves as the brains inside of electronics projects and applications that require a programmable microcontroller. It is able to control and monitor timers, keypads, motors, sensors, switches, relays, lights, and more. Programming is performed in an easy-to-learn language called PBASIC.

All vital components (processor, clock source, memory, power regulator) are provided on the BS2p24's tiny PCB; just connect power and go! Projects needing small, permanent soldering area for circuitry may benefit from combining the BS2p24-IC with the [BASIC Stamp 2 Carrier Board](#) (#27120) or the [Super Carrier Board](#) (#27130). For lower-cost OEM solutions, the processor (PBASIC2p24 interpreter) and other components are available for integration into your PCB.

The BS2p24-IC is useful for those that have previous experience with the BS2 and would like more speed, more variable space, more program space, or built-in support for character LCDs and the I2C and 1-Wire protocols; for example, LCDIN / LCDOUT, I2CIN / I2COUT, OWIN / OWOUT and POLLIN / POLLOUT / POLLMODE / POLLRUN / POLLWAIT. For customers that require a more powerful, multi-processing microcontroller, we recommend the Propeller microcontroller.

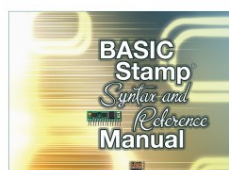
Key Features:

- Small form factor requires very little space
- Non-volatile memory holds up to 4,000 instructions even without power
- PBASIC commands are easy to learn and remember

Related Products



**BASIC Stamp 2
Carrier Board**



**BASIC Stamp Syntax
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Manual v2.2**



Super Carrier Board



**BASIC Stamp 2p40
Microcontroller
Module**

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. @TrinidadState students tested their rover concept at NASA's Johnson Space Center's Rock Yard!... <https://t.co/rbusRdR7pj>

RT @wendylopez: Students programming @ParallaxInc robot and @littleBits after school in the #MakerSpace. #learningcommons @SFCHawks <https://t.co/aSGRCoFVNg>