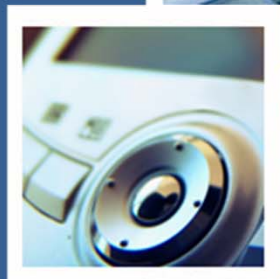


Basic Stamp

Cecily J.
Gomes &
Sarah M.
Mwandu



What is Basic Stamp?

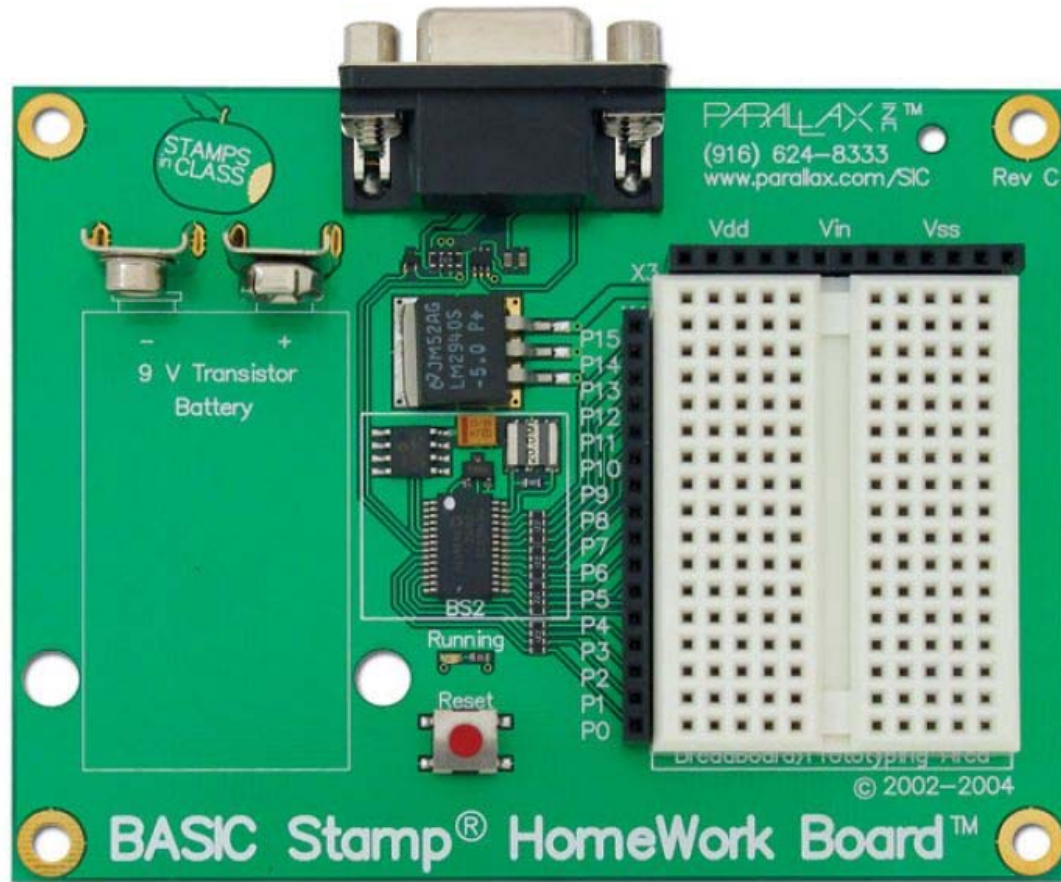


- Basic Stamp is a microcontroller with a small, specialized BASIC interpreter built into ROM
- Created by Parallax Inc.
- Popular since the 90's
- Low threshold of learning and easy to use due to its simple BASIC language

Technical Specs



- Printed Circuit Board (PCB)
 - Microcontroller containing the CPU, a built in ROM containing the BASIC interpreter & various peripherals
 - Memory
 - A clock (ceramic resonator)
 - Power supply
 - External input and output



Blinking LED



- Flashes LED ON and OFF
 - {\$STAMP BS2}
 - {\$PBASIC 2.5}
 - Main:
 - HIGH 15
 - PAUSE 1000
 - LOW 15
 - PAUSE 1000
 - GOTO Main

Merry Christmas



- Simulates the twinkling of Christmas lights
- ' {\$STAMP BS2}
- ' {\$PBASIC 2.5}
- Main:
- LOW 0
- HIGH 2
- LOW 4
- HIGH 6
- LOW 8
- HIGH 10
- LOW 12
- HIGH 14
- PAUSE 500
- HIGH 0
- LOW 2
- HIGH 4
- LOW 6
- HIGH 8
- LOW 10
- HIGH 12
- LOW 14
- PAUSE 500
- GOTO Main

That's all Folks!