

# Basic Stamp ® Simple Test Code

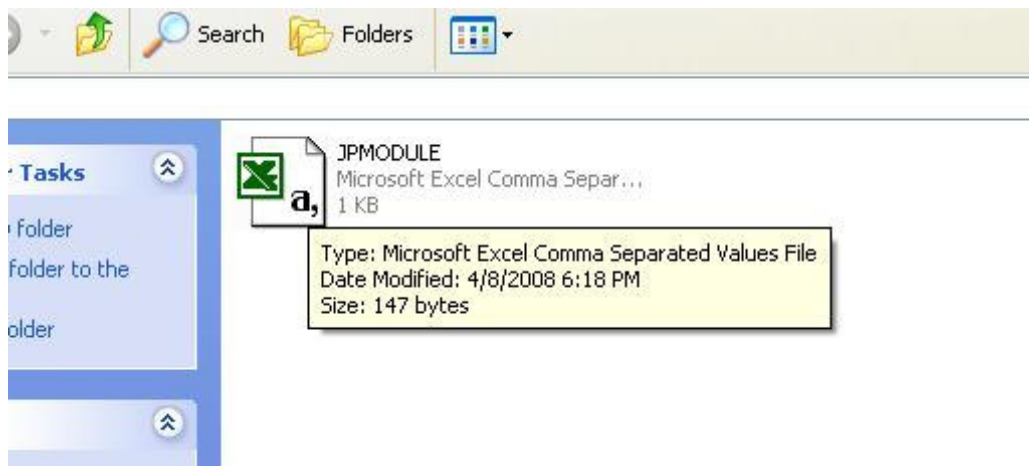
```
=====
' File.....JP Module Test Code.BSP
' Purpose.....First Simple Test Code for JP Module
' Auther.....Jianping Sun
' Email.....JP@JianpingUSA.com
' Started.....April 08, 2008
' Finished.....April. 08, 2008
=====
' {$STAMP BS2p}
' {$PBASIC 2.5}
'
' Stamp connect to JP Module
'
' BS2E   JP Module
' ----  -----
' P15 ----> RT (Serial in)
' P14 <---- TX (Option)
' P13 <---- State (Option)
' P12 ----> Reset (Option)
#SELECT $STAMP
#CASE BS2, BS2E, BS2PE
T2400 CON 396
T4800 CON 188
T9600 CON 84
T19K2 CON 32
#CASE BS2SX, BS2P
T2400 CON 1021
T4800 CON 500
T9600 CON 240
T19K2 CON 110
#CASE BS2PX
T2400 CON 1646
T4800 CON 813
T9600 CON 396
T19K2 CON 188
#ENDSELECT
SOUT PIN 15
S_IN PIN 14
Baud CON T2400
'Baud CON T4800
'Baud CON T9600
'Baud CON T19K2

PAUSE 1000
```

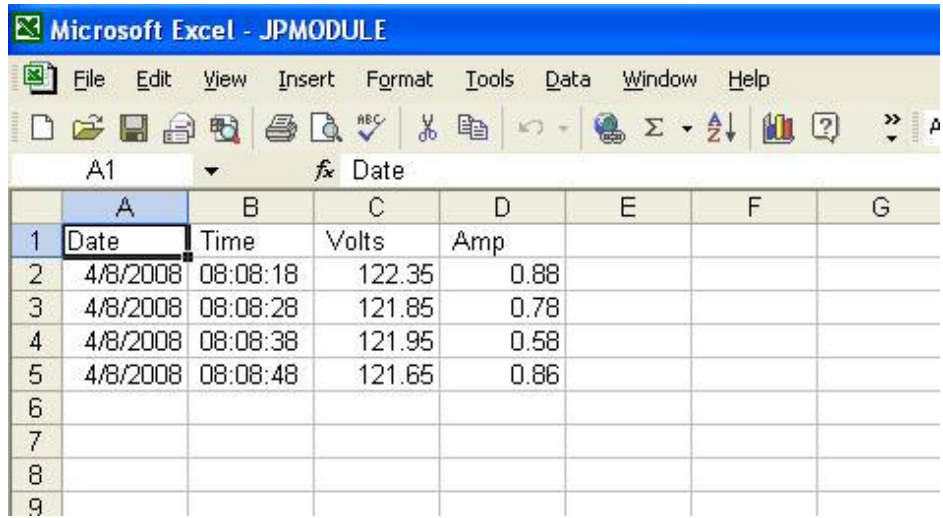
Main:

```
'===== Create a CSV file =====  
SEROUT sout, Baud, ["MC!"]  
PAUSE 10  
SEROUT sout, Baud, ["JPMODUELCSV!"]  
PAUSE 10  
SEROUT sout, Baud, ["20080408080808!"] '= 4/8/2008, 08:08:08  
PAUSE 480  
SEROUT sout, Baud, ["Date, Time, Volts, Amp",CR]  
SEROUT sout, Baud, ["!!"] 'write data to SD/MMC Card  
PAUSE 180  
SEROUT sout, Baud, ["4/8/08, 08:08:18, 122.35, 0.88",CR]  
SEROUT sout, Baud, ["!!"] 'write data to SD/MMC Card  
PAUSE 180  
SEROUT sout, Baud, ["4/8/08, 08:08:28, 121.85, 0.78", CR]  
SEROUT sout, Baud, ["##"] 'write data to SD/MMC Card and close file  
PAUSE 180  
  
'===== Append new data to this file =====  
SEROUT sout, Baud, ["MA!"]  
PAUSE 10  
SEROUT sout, Baud, ["JPMODUELCSV!"]  
PAUSE 10  
SEROUT sout, Baud, ["20080408181808!"] '= 4/8/2008, 18:18:28  
PAUSE 200  
SEROUT sout, Baud, ["4/8/08, 08:08:38, 121.95, 0.58", CR]  
SEROUT sout, Baud, ["!!"] 'write data to SD/MMC Card  
PAUSE 180  
SEROUT sout, Baud, ["4/8/08, 08:08:48, 121.65, 0.86", CR]  
SEROUT sout, Baud, ["##"] 'write data to SD/MMC Card and close file  
  
END
```

Picture 1



Picture 2



The image shows a screenshot of the Microsoft Excel application window titled "Microsoft Excel - JPMODULE". The menu bar includes File, Edit, View, Insert, Format, Tools, Data, Window, and Help. The toolbar contains various icons for file operations and data manipulation. The active cell is A1, which contains the text "Date". The formula bar shows "Date". The spreadsheet grid displays the following data:

	A	B	C	D	E	F	G
1	Date	Time	Volts	Amp			
2	4/8/2008	08:08:18	122.35	0.88			
3	4/8/2008	08:08:28	121.85	0.78			
4	4/8/2008	08:08:38	121.95	0.58			
5	4/8/2008	08:08:48	121.65	0.86			
6							
7							
8							
9							