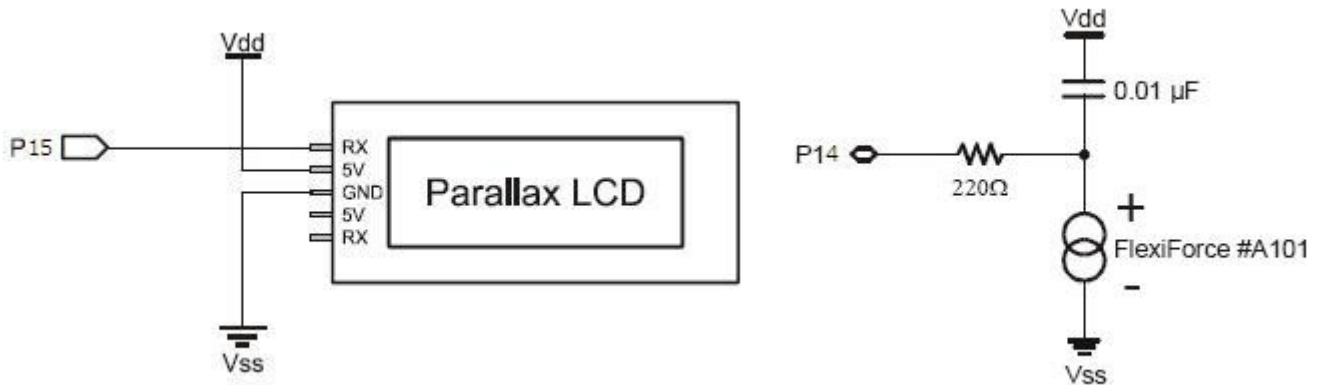


## Flexiforce Sensor with Data stream to an LCD

I finally figured out how to have my BS2 send a DATA stream to an LCD instead of the DEBUG window. I had to hook up the circuit combining these two schematics:



This is the code I wrote:

```
' Flexiforce_with_LCD.bs2
' Displays R/C Discharge Time on LCD
' {$STAMP BS2}
' {$PBASIC 2.5}

' -----[ Declarations ]-----

rawForce      VAR      Word      ' Stores raw output
sensorPin     CON      14        ' Flexiforce sensor circuit

' -----[ Main Routine ]-----

SEROUT 15, 84, [22, 12]          ' Initialize LCD
PAUSE 5

Measure:

  HIGH sensorPin                ' Discharge the capacitor
  PAUSE 2
  RCTIME sensorPin,1,rawForce    ' Measure RC charge time
  SEROUT 15, 84, ["Flexiforce Data = ", DEC rawForce, 128]

GOTO Measure
```