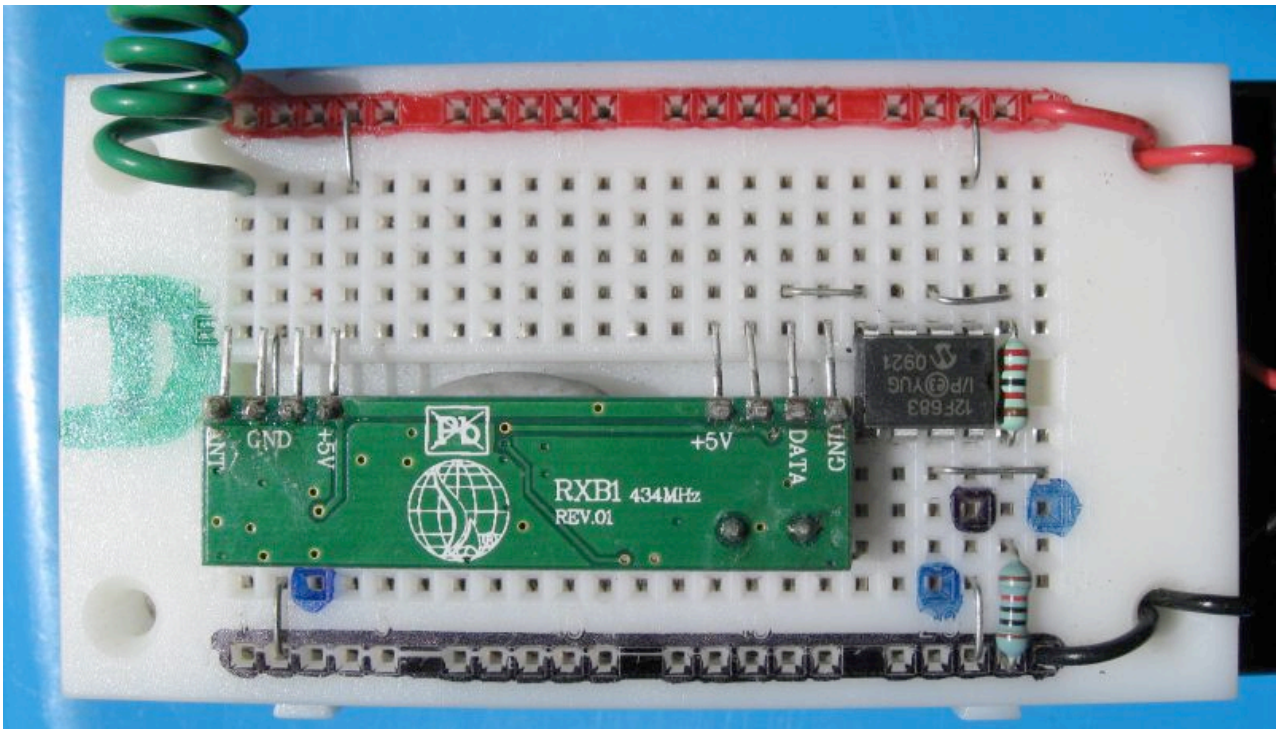
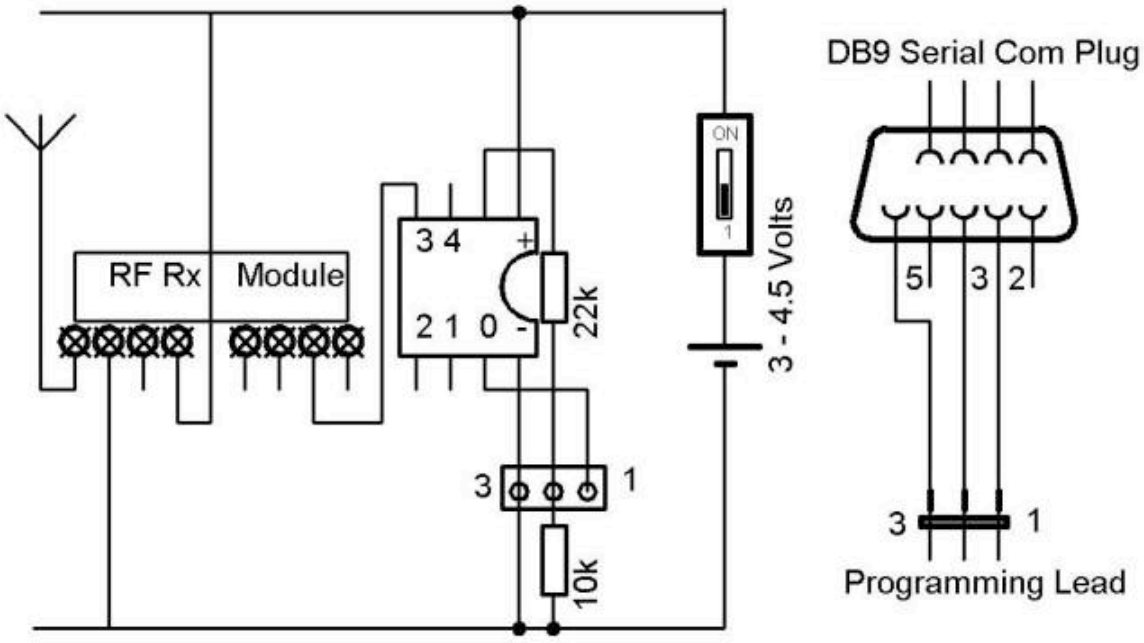
Data Link Radio Rx




```
loopa:
serin 3, N2400, (":01"), b1      'Receive one byte b1 after ":01" ID  at 2400 baud
sertxd ( #b1, 13, 10)            'Echo info b1 data back  to the PC ( Press F8 select 4800 baud )
tune 0, 0, (b1)                  'Play a note = b1 in pitch on pin 2
goto loopa
```



- **Use of F8 terminal window lead to fault fins and test both halves of the data link**
- **The modules can be removed and Tx data pin 0 of the Tx PICAXE direct wired to pin 3 of the Rx PICAXE to test / debug the system. Connect both –ves together**
- **The ID header :01 may be different but MUST match Tx module code for system to work**
- **The Rx module needs a minimum of 4.5 volts or better to work.**
- **Refer to Help Section PICAXE Manual II Serin command for more details**
- **The M2 series picaxe chips now have a serin timeout function so the program loop can stop for a programmable maximum number of mS before continuing to loop**
- **A Checksum system is recommended to improve the integrity and security of 'mission critical' data or control signals. Refer to advanced Rf Rx template**