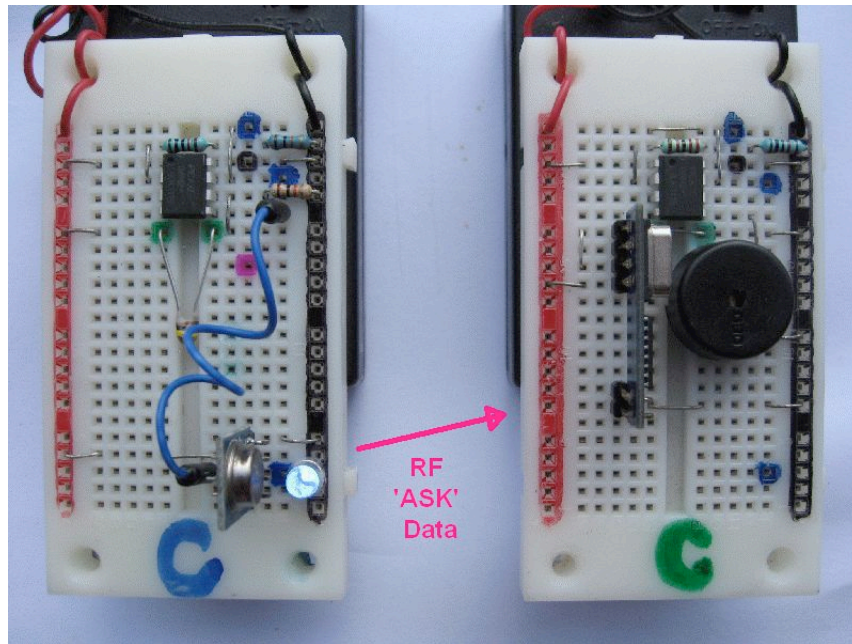


Ideas Generator ~ Serial Data



- Both picaxe have a common –ve (black wire)
- The LH Picaxe is Transmitting serial data using serout 2, N2400
- The RH Picaxe is Receiving serial data using serin 3, N2400
- What do the N and the 2400 mean ?
- This is a very simple 1:1 serial data link. Picaxe have some very sophisticated command options in just one line of code using the ‘serin delimiter’ features. This allows a picaxe to broadcast to one:many or many:one using unique a Serin ID addressing protocol scheme
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- What special y is wire so much more stable than using a radio data link
- How could you make the system more predictable and reliable so that it rejects noise ?
- How could you detect errors in the data being transmitted. Devise a scheme
- The Serin command has a [timeout] option that can prevent the Serin command from stopping and ‘hanging’ the program until a valid command is received
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Need more ideas ? Examples ? Help ? Inspiration ?

- ALWAYS read and research Manual 2 in the Help Section of the picaxe programmer to get detailed examples, sample code and circuits of how to use the instructions used
- Refer to other Word.doc templates that use the above commands to extend these ideas
- Use the bright Sparks Forum to ask for further tips and ideas
- Test your thinking by SHARING your ideas with others. This often leads to a break through that will take your project to a new level :)

