

# Re: PIC, Keyboard, and USART

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*Source:* <http://sci.tech-archive.net/Archive/sci.electronics.basics/2006-03/msg00849.html>

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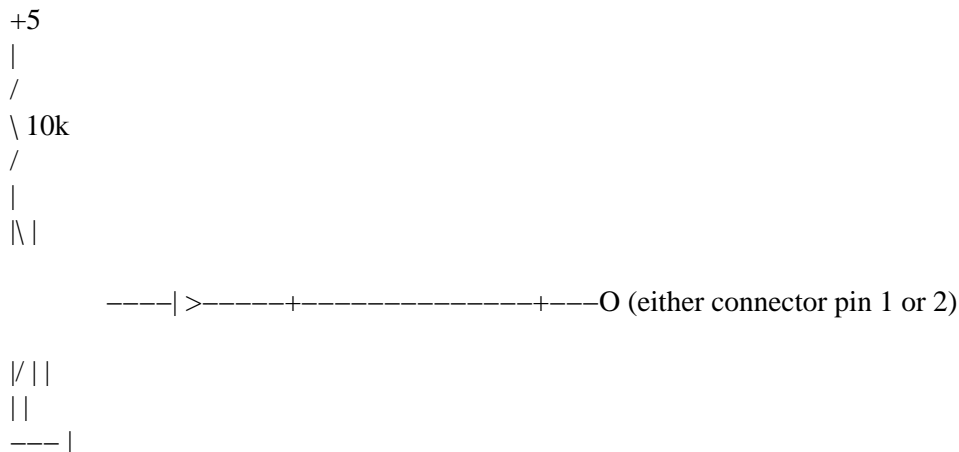
- *From:* "Abstract Dissonance" <[Abstract.Dissonance@xxxxxxxxxxxxx](mailto:Abstract.Dissonance@xxxxxxxxxxxxx)>
  - *Date:* Thu, 23 Mar 2006 15:48:39 -0600
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"Jonathan Kirwan" <[jkirwan@xxxxxxxxxxxxx](mailto:jkirwan@xxxxxxxxxxxxx)> wrote in message  
[news:4a4622p34mgk71nr4f1oolk66pga0g1aip@xxxxxxxxxxxx](mailto:news:4a4622p34mgk71nr4f1oolk66pga0g1aip@xxxxxxxxxxxx)

I assume that you are talking about PC/AT keyboards here (or simply known as "AT keyboards.") I think the original PC keyboard was incompatible with the AT keyboard, but that all clones since that advent are now following the AT keyboard arrangement and I doubt you could even find a PC (non-AT) keyboard these days. Of course, I have long since forgotten, for sure. Do check on what I'm saying.

Regarding AT keyboards, there is a very detailed electrical spec of the hardware to be found in the IBM Technical Reference, Personal Computer AT set (4 volume set, which I will protect with my life!) That spec is the schematic itself, on page 17 of 22. They use '07 open-collector drivers tied to an RC filter, with 10k and 47pF.

Sheesh... that would be helpful to have. I wonder if one can download these online now?





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out there for this... now I just have to get my hands on it.

Thanks again,  
Jon

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