SP3220E: FAQ

Sipex Part: **SP3220-SP3071/SP3074/SP3077**
Date: Feb 15-07

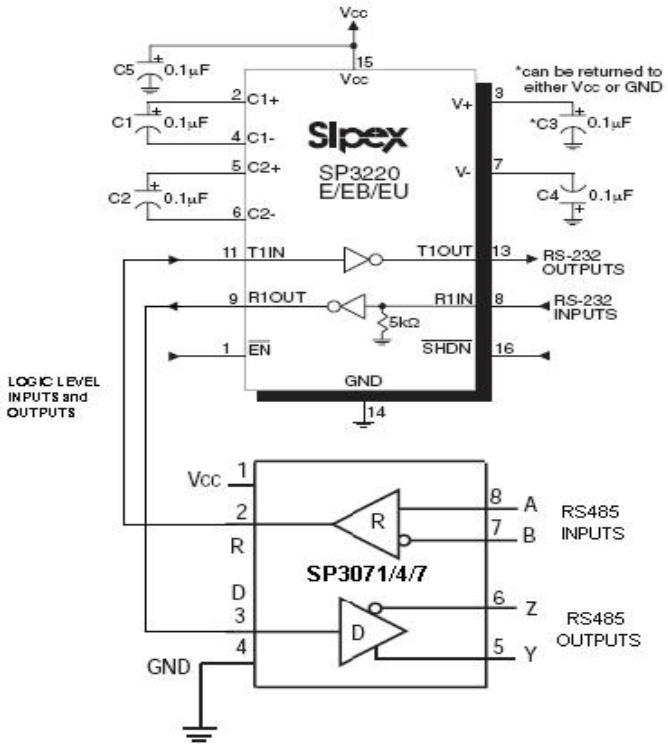
Question:

We are searching for a solution to translate from a normal RS232 COM-Port (only RxD andTxD) to a RS422 Port (only RxD+/RxD- and TxD+/TxD-). Do you have an IC that can do this or maybe an idea that could help us to solve this problem ?

Answer:

Below is a solution based on your request. RS422 is a subset of the RS485 specification; therefore RS485 devices will be compliant to the RS422 specification. RS422 has reduced common mode voltage requirements.

We do have single chip products (SP503 to SP514) that will do the conversion but they have many more channels than you need. We have a product in development that is expected to go to production late in this year that will do accomplish this. It is a 28 pin part and would have 1 extra RS232 TX and 1 extra RS232 RX beyond your needs.



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