

Electronics Data Sheets

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Different manufacturers arrange their data sheets differently, and use different names, but the following sections are common to most:

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Device can survive, but may not function correctly.
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Many parameters will have acceptable ranges of operation.
- electrical characteristics
How it will operate, usually under recommended conditions.

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Often the use you want will be one of the samples.

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This is because these **specifications** are not values that should be matched, but rather they are values that should be considered as *limits* that one should achieve even in the “worst case” during real operation.

- *For instance, if a family has a nominal input “high” voltage of 5 volts, then any voltage above some voltage will be considered “high”.*

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If an actual gate accepts a slightly lower voltage as a high, then that is not surprising and in fact is desirable.

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