

# Parts Numbering Scheme

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  - *Date:* Tue, 7 Jun 2005 21:53:57 +1000
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We are a small company, and we would like to implement a better components numbering scheme.

The parts numbers need to go into our accounting system and on parts lists, build lists and some schematics, so we don't want them to be too long.

Letters and digits are OK, but each must start with a letter. Sort order is a consideration, because computers sort strings from left to right, often in ascii or similar order. That means each character position has significance and it might be best if every part had the same number of characters.

The storeroom must be organised by part number, so that we can work systematically to find the correct shelf, container, then envelope or reel inside the container. We need to store similar parts together in the storeroom, to make the most of the containers. For example, SMD resistor reels are stored together, with a number of different resistor values in each container. This means SMD resistor part numbers must form a sequence, though not necessarily in order of ohms value.

A part number should at least tell roughly what kind of part it is – SMD resistor, leaded electrolytic, etc, so that means the leftmost characters should carry that info so the sorted list is by part type.

Now, does anyone have a system like that ? Or a different or better system ?

thanks  
Roger Lascelles

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## Parts Numbering Scheme

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