### Explanation of Atmel’s Part Number Code

All Atmel part numbers begin with the prefix “AT”. The next four to nine digits are the part number. In addition, Atmel parts can be ordered in particular speeds, in specific packages, for particular temperature ranges and with the option of 883C level B military compliance. The available options for each part are listed at the back of its data sheet in its “Ordering Information” table. These options are designated by the following suffixes placed at the end of the Atmel part number, in the order given:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Device-</th>
<th>Suffix</th>
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<tbody>
<tr>
<td>AT</td>
<td>XXXXX</td>
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#### Processing
- Blank = Standard
- /883 = MIL-STD-883, Class B Fully Compliant
- B = MIL-STD-883, Class B Non-Compliant

#### Temperature Range
- C = Com Temp (0°C to 70°C)
- I = Ind Temp (-40°C to 85°C)
- M = Mil Temp (-55°C to 125°C)

#### Package
- A = TQFP
- B = Ceramic Side Braze Dual Inline
- C = CBGA
- D = Cerdip
- F = Flatpack
- G = Cerdip, One Time Programmable
- J = Plastic J-Lead Chip Carrier
- K = Ceramic J-Lead Chip Carrier
- L = Leadless Chip Carrier
- M = MSOP
- N = Leadless Chip Carrier, One Time Programmable
- P = Plastic DIP
- Q = Plastic Quad Flatpack
- R = SOIC
- S = SOIC
- T = TSOP (TSSOP for Serial EEPROM)
- U = μBGA
- V = VSOP (Small TSOP)
- W = Die
- X = TSSOP
- Y = Cerpack
- Z = Ceramic Multi-Chip Module

#### Speed

Here is an example Atmel part number:

**AT28C16E-25LM/883**