Johanson Technology’s Integrated Passives Part number
Explanation

General format is: FFFFPPCCVBBBBT where:

**FF**FF is the 4 digit Frequency in Megahertz (unless otherwise specified)

**PP** is the 2 character Product code

AT = Antenna
AM = Antenna Module Assembly
AS = Antenna Switch Module
AD = Dual-Band Antenna
BL = Balun
BD = Balun, Dual-Band
BM = Chipset Specific Impedance-Matched Balun or Balun-Filter
BP = Band Pass Filter
CD = Coupler, Dual Band
CP = Coupler
CF = Coupler Filter
CH = Coupler Hybrid
DP = Diplexer
FA = Filter Array
FB = Filter-Balun
HP = High Pass Filter
LD = Low Pass Filter, Dual-Band
LP = Low Pass Filter
NF = Notch Filter (Band-Stop Filter)

CC is the 2-digit Case Size Code (e.g. 07 is EIA 0402, 14 is EIA 0603, 15 is EIA 0805, 18 is EIA 1206)

**V** is a 1 character Version/Revision code

BBBB is 3 or 4 digit Bandwidth, differential impedance (baluns only), or specific chipset denomination

**T** is the character tape code:

<table>
<thead>
<tr>
<th>Tape material</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper Tape standard (EIA 0603 and smaller)</td>
<td>T</td>
</tr>
<tr>
<td>Embossed Tape standard (EIA 0805 and smaller)</td>
<td>E</td>
</tr>
<tr>
<td>Paper Tape rotated (non-std, EIA 0603 and smaller)*</td>
<td>A</td>
</tr>
<tr>
<td>Embossed Tape rotated (non-std, EIA 0805 and smaller)*</td>
<td>R</td>
</tr>
</tbody>
</table>

*Only available for selected components, please consult the factor for availability and MOQs that apply

Examples:

- 0868AT43A0020E is an 868MHz antenna, case size 43, revision “A” with 20MHz of Bandwidth, embossed tape & reel
- 2450BM15A0002S is 2450MHz Impedance-matched Balun-BPF, case size 15 (EIA 0805), 100MHz BW, designed for to T.I. CC2530 chipset, bulk (loose) packaging