

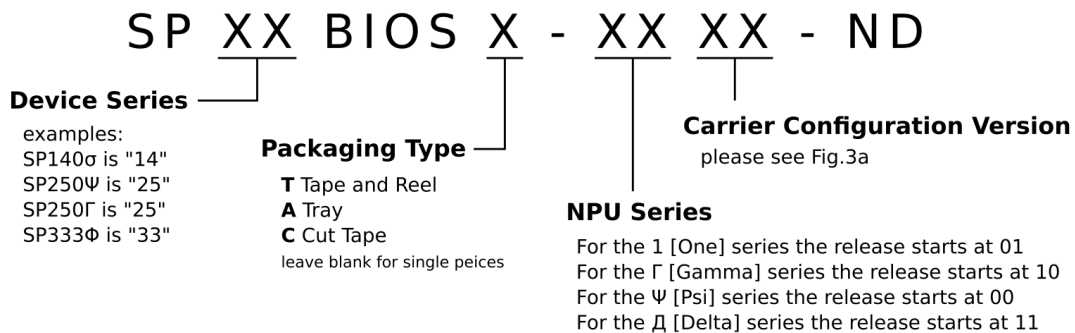
## 3. BioS Compatibility

### 3.1 BioS Overview

In order for the SP250Ψ NPU to be most effective in long duration assessments (where agent barriers are most likely to destabilize) the device must be furnished with a compatible Biological Serial IC. The BioS contains aspects of impression (AoI) as well as Connectomic Artifacts (CArta) which allow the BioS Interface to mitigate boundary degradation in "Golden Sunflower" cores.

### 3.2 BioS Versioning

To order or obtain information, e.g., on pricing or delivery, refer to the factory or the listed sales office:



#### Carrier Configuration Version

There are 4 configurations of imprint carrier. The Biological Serial ID must be tailored to a specific imprint carrier version. An incorrect matching of Biological Serial with imprint carrier will result in unknown results and may damage or destroy a Biological Serial ID.

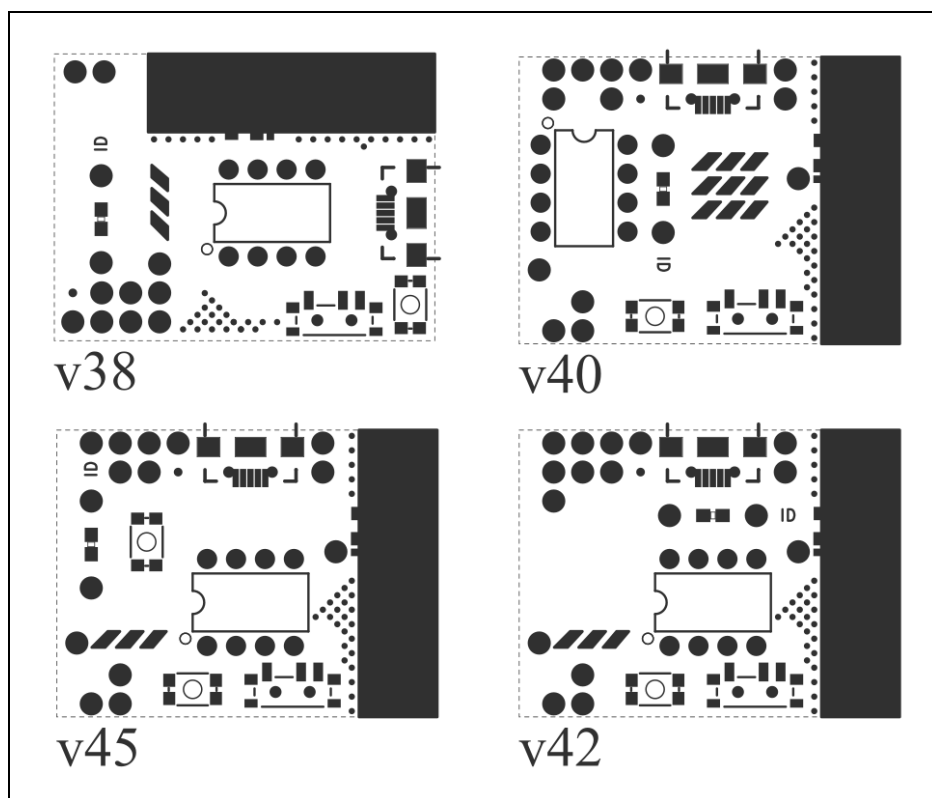


Fig.3a Carrier Configurations by Version Number

#### Examples

- a) **SP33BIOS-0138-ND**: Biological Serial IC for 3.3V One carrier with hardware configuration version 38.
- b) **SP14BIOS-0045-ND**: Biological Serial IC for 1.4V Psi carrier with hardware configuration version 45.
- c) **SP25BIOST-1042-ND**: Biological Serial IC for 2.5V Gamma carrier with hardware configuration version 42 on Tape and Reel.
- d) **SP14BIOS-1142-ND**: Biological Serial IC for 1.4V Delta carrier with hardware configuration version 42.