

### 8.5. Testarea HiL

#### 8.5.1. Caracteristicile testarii HiL

In “**software-in-the-loop**” testing (SiL) the real software including all resource restrictions (for example, 16-bit or 8-bit integer processing) is tested in a simulated environment or with experimental hardware - this corresponds to the prototyping stage

In “**hardware-in-the-loop**” testing (HiL) the real hardware is used and tested in a simulated environment – this is also part of the prototyping stage

In “**system test**” (ST)  
the real system is tested in  
its real environment –  
this corresponds to the  
pre-production stage

