

Checklist for SDL design

Check:

- *Consistency* – The design is consistent if there are no contradictions.
- *Correctness* – The design is correct if it is judged to be compliant with the requirements specification.
- *Completeness* – The design is complete if everything specified in the requirements is also specified in the design.

No.	Where to look	What to check	How to detect	Check when done			
1.	Modules	<i>Consistency</i>	Are the names of the modules consistent?				
2.		<i>Correctness</i>	Are the modules described correctly?				
3.		<i>Completeness</i>	Are all modules included in the design?				
4.	Signals & Parameters	<i>Consistency</i>	Are the names of the signals and parameters consistent?				
5.		<i>Correctness</i>	Is the description of the signals and parameters correct?				
6.		<i>Correctness</i>	Is the number of parameters correct for every signal?				
7.		<i>Correctness</i>	Are the signals specified related to the correct modules?				
8.		<i>Correctness</i>	Is the signal sequencing correct?				
9.		<i>Completeness</i>	Are all signals specified?				
10.	MSC:s	<i>Consistency</i>	Are the MSC:s and the signal specification consistent regarding signals and parameters?				
11.		<i>Correctness</i>	Are all signals included in the MSC:s specified and named correctly?				
12.		<i>Correctness</i>	Is the number of parameters correctly specified?				
13.		<i>Correctness</i>	Is the signal sequencing correct?				
14.		<i>Completeness</i>	Are all modules included?				
15.		<i>Completeness</i>	Are all signal routes specified?				
16.	Introductory text	<i>Consistency</i>	Is the description in the SDL design consistent?				
17.		<i>Correctness</i>	Is the description in the SDL design correct?				
18.		<i>Completeness</i>	Is the description in the SDL design complete?				