

# 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.	<b>Modules</b>	<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.	<b>Signals &amp; Parameters</b>	<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.	<b>MSC:s</b>	<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.	<b>Introductory text</b>	<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?				