

**List of Model Examiner Model Checks covering
 dSPACE TargetLink® Guidelines V2.1**

No.	Check ID	Guideline Title	Repair available	Parameterizable	Reference to dSPACE Guidelines 2.1	
					Section	Page
1	ds_0012	Block Priorities	yes		2.1.1	25
2	ds_0016	Bus Capable Blocks		yes	2.1.5	27
3	ds_0021	Limitations with Regard to the Dead Zone Block			2.3.2	35
4	ds_0023	Limitations with Regard to the Discrete-Time Integrator Block		yes	2.4.2	36
5	ds_0025	Limitations with Regard to the Relational Operator and ...			2.5.2	38
6	ds_0027	Limitations with Regard to the Look-up Table (n-D) and ...		yes	2.6.2	41
7	ds_0029	Limitations with Regard to Operand Numbers for the Product Block			2.7.2	44
8	ds_0030	Limitations with Regard to Parameters for the Product Block			2.7.3	46
9	ds_0031	Limitations with Regard to the Sum Block	yes		2.7.4	47
10	ds_0032	Restrictions with Regard to the Math Function Block	yes		2.7.5	48
11	ds_0037	Use of the Switch Case Block	yes		2.10.2	52
12	ds_0038	Duplicate Inports			2.10.3	52
13	ds_0040	Use of the Data Type Conversion Block			2.11.2	55
14	ds_0044	Restrictions with Regard to the Merge Block	yes	yes	2.12.4	59
15	ds_0045	No Cascades of Merge Blocks prior to TargetLink 2.1.6			2.12.5	60
16	ds_0047	Use of the Multiport Switch Block			2.12.7	64
17	ds_0048	Restrictions with Regard to the Multiport Switch Block	yes		2.12.8	65
18	ds_0049	Limitations with regard to the Bus Creator Block	yes	yes	2.12.9	67
19	ds_0054	Initialization of a Stateflow Chart	yes		2.16.1	71
20	ds_0055	Reserved Names in Stateflow		yes	2.16.2	72
21	ds_0056	Permitted Dimensionality at the Stateflow Chart Interface			2.16.3	72
22	ds_0057	Usage of Constants			2.16.4	73
23	ds_0058	Permitted Data Types at the Stateflow Chart Interface	yes		2.16.5	74
24	ds_0059	Transition Actions			2.16.6	74
25	ds_0064	MATLAB Functionality			2.16.11	78
26	ds_0065	Alias Types			2.16.12	78

27	ds_0067	Arrays at Interfaces of Graphical Functions			2.16.14	81
28	ds_0069	Data on the Level of Stateflow Boxes			2.16.16	84
29	ds_0070	Embedded MATLAB Functionality			2.16.17	85
30	ds_0071	Complex Expressions for the Size Property			2.16.18	85
31	ds_0072	Simulink-Stateflow Inheritance			2.16.19	87
32	ds_0080	Reserved System Header File Names		yes	4.2	94
33	ds_0082	Comments in Block Properties			5.2	96
34	ds_0093	Diagnostics Settings	yes	yes	7.2	103
35	ds_0094	Advanced Settings	yes	yes	7.3	103
36	ds_0097	Data Types for Signal Buses at the TargetLink-Simulink Interface			8.3	110
37	ds_0099	Avoidance of Saturation in Integer Arithmetic	yes		8.5	113
38	ds_0100	Avoidance of Rounding Operations			8.6	114
39	ds_0107	Use of Data Types for Multiport Switch Blocks			8.13	119