Test Specification Report

Sonko Muhammed R.

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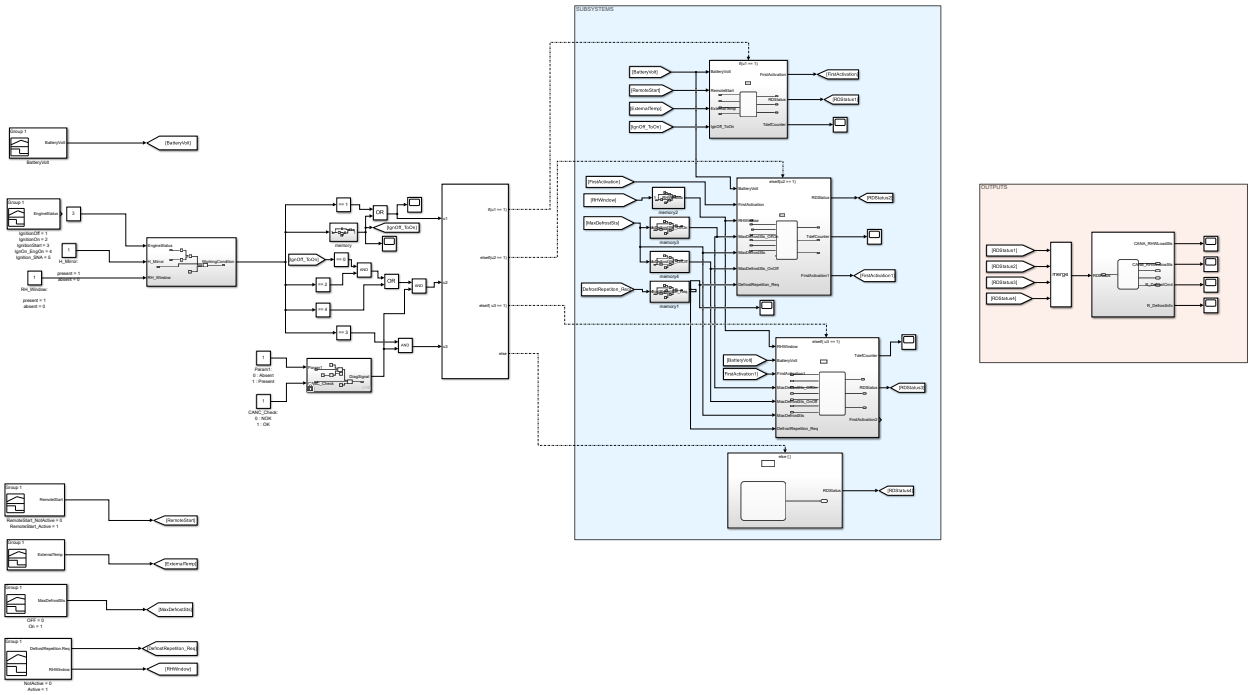
1. DiagReq1

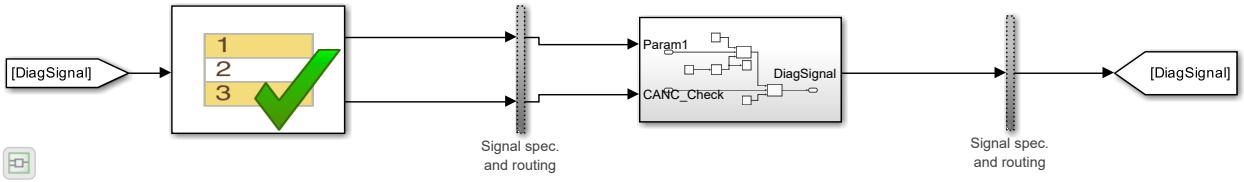
1.1. DiagReq1

System Under Test

Model Name: Defrost_3



Harness Name: Defrost_3_Harness1



Test Sequence Data: Defrost_3_Harness1/Test Sequence

Symbols

Table 1.1. Input

Port	Name	Class	Data Type*	Size*
1	DiagSignal	Data	double	[1]

Table 1.2. Output

Port	Name	Class	Data Type*	Size*
1	Param1	Data	double	[1]
2	CANC_Check	Data	double	[1]

***Note:** The model was not compiled during report generation. As a result, the preceding Symbols section does not include information requiring model compilation. See the help for the TestSequence reporter for more information.*

Step Hierarchy

- Run
- step_1
- step_2
- step_3
- step_4
- step_5
- step_6
- step_7

Run

Description

Param1 = Absent CANC_Check = Not Ok

Action

```
%% Initialize data outputs.
Param1 = 0;
CANC_Check = 0;
```

Table 1.3. Transition Table

Condition	Next Step
true	step_1

step_1

Description

The DiagSignal output is set to 1 to not enable CANC message diagnostic

Action

```
verify(DiagSignal == 1);
```

Table 1.4. Transition Table

Condition	Next Step
true	step_2

step_2

Description

Param1 = Absent CANC_Check = Ok

Action

```
Param1 = 0;
CANC_Check = 1;
```

Table 1.5. Transition Table

Condition	Next Step
true	step_3

step_3

Description

The DiagSignal output is set to 1 to not enable CANC message diagnostic allowing the BCM to follow norminal behavior

Action

```
verify(DiagSignal == 1);
```

Table 1.6. Transition Table

Condition	Next Step
true	step_4

step_4

Description

Param1 = present CANC_Check = Not Ok

Action

```
Param1 = 1;
CANC_Check = 0;
```

Table 1.7. Transition Table

Condition	Next Step
true	step_5

step_5

Description

The DiagSignal output is set to 0 after 2.5ms

Action

```
after(2.5,msec), verify(DiagSignal == 0);
```

Table 1.8. Transition Table

Condition	Next Step
true	step_6

step_6

Description

Param1 = present CANC_Check = Ok

Action

```
Param1 = 1;
CANC_Check = 1;
```

Table 1.9. Transition Table

Condition	Next Step
true	step_7

step_7

Action

```
verify(DiagSignal == 1);
```

Simulation Settings Overrides

Simulation Mode	[Model Settings]
Releases	Current

Configuration Settings Overrides

Configuration settings	Do not override model settings