

# Coverage Report for FBFunctions

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## Analysis Information

### Model Information

Model version	1.74
Author	hiterd
Last saved	Tue Feb 05 00:02:37 2019

### Harness information

Harness model(s)	FBFunctions_Harness_BNOT
Harness model owner	FBFunctions

### Simulation Optimization Options

Default parameter behavior	tunable
Block reduction	forced off
Conditional branch optimization	on

### Coverage Options

Analyzed model	FBFunctions_Harness_BNOT/BNOT_DUPLEX
Logic block short circuiting	off
MCDC mode	masking

## Tests

Test#	Started execution	Ended execution
Test 1	05-Feb-2019 00:09:54	05-Feb-2019 00:12:59

# Summary

Model Hierarchy/Complexity	Test 1							
	Decision		Condition		MCDC		Execution	
1. <a href="#">BNOT_DUPLEX</a>	16	93% <div><div></div></div>	96% <div><div></div></div>	88% <div><div></div></div>	98% <div><div></div></div>			
2. ... <a href="#">BNOT</a>	7	100% <div><div></div></div>	100% <div><div></div></div>	100% <div><div></div></div>	100% <div><div></div></div>			
3. .... <a href="#">l_val_shift_register</a>	2	NA	NA	NA	100% <div><div></div></div>			
4. .... <a href="#">Data 1</a>	1	NA	NA	NA	100% <div><div></div></div>			
5. .... <a href="#">Unit Delay Enabled Resettable</a>	1	NA	NA	NA	100% <div><div></div></div>			
6. .... <a href="#">Type 1</a>	1	NA	NA	NA	100% <div><div></div></div>			
7. .... <a href="#">Unit Delay Enabled Resettable</a>	1	NA	NA	NA	100% <div><div></div></div>			
8. .... <a href="#">TypeCheck1T1D</a>	1	100% <div><div></div></div>	100% <div><div></div></div>	NA	100% <div><div></div></div>			
9. .... <a href="#">code_type_bit</a>		NA	NA	NA	100% <div><div></div></div>			
10. .... <a href="#">cond_generate_error_code</a>	1	100% <div><div></div></div>	NA	NA	100% <div><div></div></div>			
11. .... <a href="#">code_no_error</a>		NA	NA	NA	100% <div><div></div></div>			
12. .... <a href="#">isType</a>		NA	100% <div><div></div></div>	NA	100% <div><div></div></div>			
13. .... <a href="#">typeMask</a>		NA	NA	NA	100% <div><div></div></div>			
14. .... <a href="#">Unit Delay Enabled Resettable Synchronous8</a>	1	NA	NA	NA	100% <div><div></div></div>			
15. .... <a href="#">Unit Delay Enabled Resettable</a>	1	NA	NA	NA	100% <div><div></div></div>			
16. .... <a href="#">Unit Delay Enabled Resettable Synchronous9</a>	1	NA	NA	NA	100% <div><div></div></div>			
17. .... <a href="#">Unit Delay Enabled Resettable</a>	1	NA	NA	NA	100% <div><div></div></div>			
18. .... <a href="#">int type</a>		NA	NA	NA	100% <div><div></div></div>			
19. ... <a href="#">BNOT1</a>	7	100% <div><div></div></div>	100% <div><div></div></div>	100% <div><div></div></div>	100% <div><div></div></div>			
20. .... <a href="#">l_val_shift_register</a>	2	NA	NA	NA	100% <div><div></div></div>			
21. .... <a href="#">Data 1</a>	1	NA	NA	NA	100% <div><div></div></div>			
22. .... <a href="#">Unit Delay Enabled Resettable</a>	1	NA	NA	NA	100% <div><div></div></div>			
23. .... <a href="#">Type 1</a>	1	NA	NA	NA	100% <div><div></div></div>			
24. .... <a href="#">Unit Delay Enabled Resettable</a>	1	NA	NA	NA	100% <div><div></div></div>			
25. .... <a href="#">TypeCheck1T1D</a>	1	100% <div><div></div></div>	100% <div><div></div></div>	NA	100% <div><div></div></div>			
26. .... <a href="#">code_type_bit</a>		NA	NA	NA	100% <div><div></div></div>			
27. .... <a href="#">cond_generate_error_code</a>	1	100% <div><div></div></div>	NA	NA	100% <div><div></div></div>			
28. .... <a href="#">code_no_error</a>		NA	NA	NA	100% <div><div></div></div>			
29. .... <a href="#">isType</a>		NA	100% <div><div></div></div>	NA	100% <div><div></div></div>			
30. .... <a href="#">typeMask</a>		NA	NA	NA	100% <div><div></div></div>			
31. .... <a href="#">Unit Delay Enabled Resettable Synchronous8</a>	1	NA	NA	NA	100% <div><div></div></div>			
32. .... <a href="#">Unit Delay Enabled Resettable</a>	1	NA	NA	NA	100% <div><div></div></div>			
33. .... <a href="#">Unit Delay Enabled Resettable Synchronous9</a>	1	NA	NA	NA	100% <div><div></div></div>			
34. .... <a href="#">Unit Delay Enabled Resettable</a>	1	NA	NA	NA	100% <div><div></div></div>			

35. . . . . <a href="#">int type</a>	NA	NA	NA	100%	<div><div></div></div>
36. . . . <a href="#">State Comparator</a>	1	50% <div><div></div><div></div></div>	100% <div><div></div></div>	NA	80% <div><div></div><div></div></div>
37. . . . . <a href="#">Compare To Zero</a>	NA		100% <div><div></div></div>	NA	100% <div><div></div></div>
38. . . . <a href="#">combine_error_codes</a>	NA		NA	NA	100% <div><div></div></div>

## Details

### 1. SubSystem block "[BNOT\\_DUPLEX](#)"

**Child Systems:** [BNOT](#), [BNOT1](#), [State Comparator](#), [combine\\_error\\_codes](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	1	16
Condition	NA	96% (54/56) condition outcomes
Decision	NA	93% (13/14) decision outcomes
MCDC	NA	88% (14/16) conditions reversed the outcome
Execution	NA	98% (50/51) objective outcomes

### Logic block "[Logical Operator](#)"



[Justify or Exclude](#)

**Parent:** [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX](#)

**Uncovered Links:** 

Metric	Coverage
Cyclomatic Complexity	0
Condition	50% (2/4) condition outcomes
MCDC	0% (0/2) conditions reversed the outcome
Execution	100% (1/1) objective outcomes

#### Conditions analyzed

Description	True	False
input port 1	56	0 
input port 2	56	0 

#### MC/DC analysis (combinations in parentheses did not occur)

Decision/Condition	True Out	False Out
expression for output		
input port 1	TT	(FT)

input port 2

TT

(TF)

## Full Coverage

Model Object	Metric
RelationalOperator block " <a href="#">Relational Operator</a> "	Condition, Execution
Constant block " <a href="#">Num Ins</a> "	Execution
Constant block " <a href="#">Num Outs</a> "	Execution
Constant block " <a href="#">fb_num_constant</a> "	Execution

## 2. SubSystem block "[BNOT](#)"

### [Justify or Exclude](#)

**Parent:** [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX](#)

**Child Systems:** [1\\_val\\_shift\\_register](#), [TypeCheck1T1D](#), [Unit Delay Enabled Resettable Synchronous8](#), [Unit Delay Enabled Resettable Synchronous9](#), [int type](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	0	7
Condition	NA	100% (20/20) condition outcomes
Decision	NA	100% (6/6) decision outcomes
MCDC	NA	100% (7/7) conditions reversed the outcome
Execution	NA	100% (20/20) objective outcomes

## Logic block "[Logical Operator3](#)"

### [Justify or Exclude](#)

**Parent:** [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX/BNOT](#)

Metric	Coverage
Cyclomatic Complexity	0
Condition	100% (4/4) condition outcomes
MCDC	<a href="#">see Logical Operator</a>
Execution	100% (1/1) objective outcomes

## Full Coverage

Model Object	Metric
Logic block " <a href="#">Logical Operator</a> "	Condition, MCDC, Execution
Logic block " <a href="#">Logical Operator1</a> "	Condition, MCDC, Execution
Logic block " <a href="#">Logical Operator2</a> "	Condition, MCDC, Execution
Switch block " <a href="#">Switch</a> "	Decision, Execution
Switch block " <a href="#">Switch1</a> "	Decision, Execution
S-Function block " <a href="#">Bitwise Operator</a> "	Execution
Constant block " <a href="#">Constant</a> "	Execution
Constant block " <a href="#">Constant1</a> "	Execution

### 3. SubSystem block "[1\\_val\\_shift\\_register](#)"

[Justify or Exclude](#)

**Parent:** [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX/BNOT](#)

**Child Systems:** [Data 1](#), [Type 1](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	0	2
Execution	NA	100% (2/2) objective outcomes

### 4. SubSystem block "[Data 1](#)"

[Justify or Exclude](#)

**Parent:** [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX/BNOT/1\\_val\\_shift\\_register](#)

**Child Systems:** [Unit Delay Enabled Resettable](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	0	1
Execution	NA	100% (1/1) objective outcomes

### 5. SubSystem block "[Unit Delay Enabled Resettable](#)"

[Justify or Exclude](#)

**Parent:** [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX/BNOT/1\\_val\\_shift\\_register/Data 1](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	1	1
Execution	NA	100% (1/1) objective outcomes

## Full Coverage

Model Object	Metric
Delay block " <a href="#">Enabled Resettable Delay</a> "	Execution

## 6. SubSystem block "[Type 1](#)"

### [Justify or Exclude](#)

Parent:	<a href="#">FBFunctions_Harness_BNOT/BNOT_DUPLEX/BNOT/1_val_shift_register</a>
Child Systems:	<a href="#">Unit Delay Enabled Resettable</a>

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	0	1
Execution	NA	100% (1/1) objective outcomes

## 7. SubSystem block "[Unit Delay Enabled Resettable](#)"

### [Justify or Exclude](#)

Parent:	<a href="#">FBFunctions_Harness_BNOT/BNOT_DUPLEX/BNOT/1_val_shift_register/Type 1</a>
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Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	1	1
Execution	NA	100% (1/1) objective outcomes

## Full Coverage

Model Object	Metric
Delay block " <a href="#">Enabled Resettable Delay</a> "	Execution

## 8. SubSystem block "[TypeCheck1T1D](#)"

### [Justify or Exclude](#)

Parent:	<a href="#">FBFunctions_Harness_BNOT/BNOT_DUPLEX/BNOT</a>
Child Systems:	<a href="#">code_type_bit</a> , <a href="#">cond_generate_error_code</a> , <a href="#">isType</a>

Metric	Coverage (this object)	Coverage (inc. descendants)
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Cyclomatic Complexity	0	1
Condition	NA	100% (4/4) condition outcomes
Decision	NA	100% (2/2) decision outcomes
Execution	NA	100% (6/6) objective outcomes

### Full Coverage

#### Model Object

Logic block "[Logical Operator](#)"

#### Metric

Condition, Execution

## 9. SubSystem block "[code\\_type\\_bit](#)"

### [Justify or Exclude](#)

**Parent:** [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX/BNOT/TypeCheck1T1D](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	0	0
Execution	NA	100% (1/1) objective outcomes

### Full Coverage

#### Model Object

Constant block "[type1](#)"

#### Metric

Execution

## 10. SubSystem block "[cond\\_generate\\_error\\_code](#)"

### [Justify or Exclude](#)

**Parent:** [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX/BNOT/TypeCheck1T1D](#)

**Child Systems:** [code\\_no\\_error](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	0	1
Decision	NA	100% (2/2) decision outcomes
Execution	NA	100% (2/2) objective outcomes

### Full Coverage

#### Model Object

#### Metric

Switch block "[Switch](#)"

Decision, Execution

## 11. SubSystem block "[code\\_no\\_error](#)"

[Justify or Exclude](#)

**Parent:** [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX/BNOT/TypeCheck1T1D/cond\\_generate\\_error\\_code](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	0	0
Execution	NA	100% (1/1) objective outcomes

### Full Coverage

**Model Object**

Constant block "[type1](#)"

**Metric**

Execution

## 12. SubSystem block "[isType](#)"

[Justify or Exclude](#)

**Parent:** [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX/BNOT/TypeCheck1T1D](#)

**Child Systems:** [typeMask](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	0	0
Condition	NA	100% (2/2) condition outcomes
Execution	NA	100% (2/2) objective outcomes

### Full Coverage

**Model Object**

RelationalOperator block "[Relational Operator1](#)"

**Metric**

Condition, Execution

## 13. SubSystem block "[typeMask](#)"

[Justify or Exclude](#)

**Parent:** [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX/BNOT/TypeCheck1T1D/isType](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
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Cyclomatic Complexity	0	0
Execution	NA	100% (1/1) objective outcomes

#### Full Coverage

Model Object	Metric
S-Function block " <a href="#">Apply Type Mask</a> "	Execution

#### 14. SubSystem block "[Unit Delay Enabled Resettable Synchronou...](#)"

##### [Justify or Exclude](#)

<b>Parent:</b>	<a href="#">FBFunctions_Harness_BNOT/BNOT_DUPLEX/BNOT</a>
<b>Child Systems:</b>	<a href="#">Unit Delay Enabled Resettable</a>

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	0	1
Execution	NA	100% (1/1) objective outcomes

#### 15. SubSystem block "[Unit Delay Enabled Resettable](#)"

##### [Justify or Exclude](#)

<b>Parent:</b>	<a href="#">FBFunctions_Harness_BNOT/BNOT_DUPLEX/BNOT/Unit Delay Enabled Resettable Synchronous8</a>
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Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	1	1
Execution	NA	100% (1/1) objective outcomes

#### Full Coverage

Model Object	Metric
Delay block " <a href="#">Enabled Resettable Delay</a> "	Execution

#### 16. SubSystem block "[Unit Delay Enabled Resettable Synchronou...](#)"

##### [Justify or Exclude](#)

<b>Parent:</b>	<a href="#">FBFunctions_Harness_BNOT/BNOT_DUPLEX/BNOT</a>
<b>Child Systems:</b>	<a href="#">Unit Delay Enabled Resettable</a>

<b>Metric</b>	<b>Coverage (this object)</b>	<b>Coverage (inc. descendants)</b>
Cyclomatic Complexity	0	1
Execution	NA	100% (1/1) objective outcomes

## 17. SubSystem block "[Unit Delay Enabled Resettable](#)"

[Justify or Exclude](#)

**Parent:** [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX/BNOT/Unit Delay Enabled Resettable Synchronous9](#)

<b>Metric</b>	<b>Coverage (this object)</b>	<b>Coverage (inc. descendants)</b>
Cyclomatic Complexity	1	1
Execution	NA	100% (1/1) objective outcomes

### Full Coverage

<b>Model Object</b>	<b>Metric</b>
Delay block " <a href="#">Enabled Resettable Delay</a> "	Execution

## 18. SubSystem block "[int type](#)"

[Justify or Exclude](#)

**Parent:** [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX/BNOT](#)

<b>Metric</b>	<b>Coverage (this object)</b>	<b>Coverage (inc. descendants)</b>
Cyclomatic Complexity	0	0
Execution	NA	100% (1/1) objective outcomes

### Full Coverage

<b>Model Object</b>	<b>Metric</b>
Constant block " <a href="#">type1</a> "	Execution

## 19. SubSystem block "[BNOT1](#)"

[Justify or Exclude](#)

**Parent:** [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX](#)

**Child Systems:** [1\\_val\\_shift\\_register](#), [TypeCheck1T1D](#), [Unit Delay Enabled Resettable Synchronous8](#), [Unit Delay Enabled Resettable Synchronous9](#), [int type](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	0	7
Condition	NA	100% (20/20) condition outcomes
Decision	NA	100% (6/6) decision outcomes
MCDC	NA	100% (7/7) conditions reversed the outcome
Execution	NA	100% (20/20) objective outcomes

## Logic block "[Logical Operator3](#)"

[Justify or Exclude](#)

**Parent:** [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX/BNOT1](#)

Metric	Coverage
Cyclomatic Complexity	0
Condition	100% (4/4) condition outcomes
MCDC	<a href="#">see Logical Operator</a>
Execution	100% (1/1) objective outcomes

## Full Coverage

Model Object	Metric
Logic block " <a href="#">Logical Operator</a> "	Condition, MCDC, Execution
Logic block " <a href="#">Logical Operator1</a> "	Condition, MCDC, Execution
Logic block " <a href="#">Logical Operator2</a> "	Condition, MCDC, Execution
Switch block " <a href="#">Switch</a> "	Decision, Execution
Switch block " <a href="#">Switch1</a> "	Decision, Execution
S-Function block " <a href="#">Bitwise Operator</a> "	Execution
Constant block " <a href="#">Constant</a> "	Execution
Constant block " <a href="#">Constant1</a> "	Execution

## 20. SubSystem block "[1\\_val\\_shift\\_register](#)"

[Justify or Exclude](#)

**Parent:** [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX/BNOT1](#)

**Child Systems:** [Data 1](#), [Type 1](#)

<b>Metric</b>	<b>Coverage (this object)</b>	<b>Coverage (inc. descendants)</b>
Cyclomatic Complexity	0	2
Execution	NA	100% (2/2) objective outcomes

## 21. SubSystem block "[Data 1](#)"

[Justify or Exclude](#)

**Parent:** [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX/BNOT1/1\\_val\\_shift\\_register](#)  
**Child Systems:** [Unit Delay Enabled Resettable](#)

<b>Metric</b>	<b>Coverage (this object)</b>	<b>Coverage (inc. descendants)</b>
Cyclomatic Complexity	0	1
Execution	NA	100% (1/1) objective outcomes

## 22. SubSystem block "[Unit Delay Enabled Resettable](#)"

[Justify or Exclude](#)

**Parent:** [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX/BNOT1/1\\_val\\_shift\\_register/Data 1](#)

<b>Metric</b>	<b>Coverage (this object)</b>	<b>Coverage (inc. descendants)</b>
Cyclomatic Complexity	1	1
Execution	NA	100% (1/1) objective outcomes

### Full Coverage

<b>Model Object</b>	<b>Metric</b>
Delay block " <a href="#">Enabled Resettable Delay</a> "	Execution

## 23. SubSystem block "[Type 1](#)"

[Justify or Exclude](#)

**Parent:** [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX/BNOT1/1\\_val\\_shift\\_register](#)  
**Child Systems:** [Unit Delay Enabled Resettable](#)

<b>Metric</b>	<b>Coverage (this object)</b>	<b>Coverage (inc. descendants)</b>
Cyclomatic Complexity	0	1
Execution	NA	100% (1/1) objective outcomes

## 24. SubSystem block "[Unit Delay Enabled Resettable](#)"

[Justify or Exclude](#)

**Parent:** [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX/BNOT1/1\\_val\\_shift\\_register/Type1](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	1	1
Execution	NA	100% (1/1) objective outcomes

### Full Coverage

Model Object	Metric
Delay block " <a href="#">Enabled Resettable Delay</a> "	Execution

## 25. SubSystem block "[TypeCheck1T1D](#)"

[Justify or Exclude](#)

**Parent:** [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX/BNOT1](#)

**Child Systems:** [code\\_type\\_bit](#), [cond\\_generate\\_error\\_code](#), [isType](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	0	1
Condition	NA	100% (4/4) condition outcomes
Decision	NA	100% (2/2) decision outcomes
Execution	NA	100% (6/6) objective outcomes

### Full Coverage

Model Object	Metric
Logic block " <a href="#">Logical Operator</a> "	Condition, Execution

## 26. SubSystem block "[code\\_type\\_bit](#)"

[Justify or Exclude](#)

**Parent:** [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX/BNOT1/TypeCheck1T1D](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	0	0

Execution	NA	100% (1/1) objective outcomes
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### Full Coverage

Model Object	Metric
Constant block " <a href="#">type1</a> "	Execution

## 27. SubSystem block "[cond\\_generate\\_error\\_code](#)"

[Justify or Exclude](#)

**Parent:** [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX/BNOT1/TypeCheck1T1D](#)  
**Child Systems:** [code\\_no\\_error](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	0	1
Decision	NA	100% (2/2) decision outcomes
Execution	NA	100% (2/2) objective outcomes

### Full Coverage

Model Object	Metric
Switch block " <a href="#">Switch</a> "	Decision, Execution

## 28. SubSystem block "[code\\_no\\_error](#)"

[Justify or Exclude](#)

**Parent:** [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX/BNOT1/TypeCheck1T1D/cond\\_generate\\_error\\_code](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	0	0
Execution	NA	100% (1/1) objective outcomes

### Full Coverage

Model Object	Metric
Constant block " <a href="#">type1</a> "	Execution

## 29. SubSystem block "[isType](#)"

[Justify or Exclude](#)

**Parent:** [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX/BNOT1/TypeCheck1T1D](#)  
**Child Systems:** [typeMask](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	0	0
Condition	NA	100% (2/2) condition outcomes
Execution	NA	100% (2/2) objective outcomes

### Full Coverage

Model Object	Metric
RelationalOperator block " <a href="#">Relational Operator1</a> "	Condition, Execution

## 30. SubSystem block "[typeMask](#)"

[Justify or Exclude](#)

**Parent:** [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX/BNOT1/TypeCheck1T1D/isType](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	0	0
Execution	NA	100% (1/1) objective outcomes

### Full Coverage

Model Object	Metric
S-Function block " <a href="#">Apply Type Mask</a> "	Execution

## 31. SubSystem block "[Unit Delay Enabled Resettable Synchronou...](#)"

[Justify or Exclude](#)

**Parent:** [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX/BNOT1](#)  
**Child Systems:** [Unit Delay Enabled Resettable](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	0	1
Execution	NA	100% (1/1) objective outcomes

### 32. SubSystem block "[Unit Delay Enabled Resettable](#)"

[Justify or Exclude](#)

**Parent:** [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX/BNOT1/Unit Delay Enabled Resettable Synchronous8](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	1	1
Execution	NA	100% (1/1) objective outcomes

#### Full Coverage

Model Object	Metric
Delay block " <a href="#">Enabled Resettable Delay</a> "	Execution

### 33. SubSystem block "[Unit Delay Enabled Resettable Synchronou...](#)"

[Justify or Exclude](#)

**Parent:** [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX/BNOT1](#)  
**Child Systems:** [Unit Delay Enabled Resettable](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	0	1
Execution	NA	100% (1/1) objective outcomes

### 34. SubSystem block "[Unit Delay Enabled Resettable](#)"

[Justify or Exclude](#)

**Parent:** [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX/BNOT1/Unit Delay Enabled Resettable Synchronous9](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	1	1
Execution	NA	100% (1/1) objective outcomes

#### Full Coverage

Model Object	Metric
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Delay block "[Enabled Resettable Delay](#)"

Execution

### 35. SubSystem block "[int type](#)"

[Justify or Exclude](#)

**Parent:** [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX/BNOT1](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	0	0
Execution	NA	100% (1/1) objective outcomes

#### Full Coverage

**Model Object**

**Metric**

Constant block "[type1](#)"

Execution

### 36. SubSystem block "[State Comparator](#)"

[Justify or Exclude](#)

**Parent:** [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX](#)

**Child Systems:** [Compare To Zero](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	0	1
Condition	NA	100% (10/10) condition outcomes
Decision	NA	50% (1/2) decision outcomes
Execution	NA	80% (4/5) objective outcomes

#### Switch block "[Switch1](#)"

[Justify or Exclude](#)


**Parent:** [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX/State Comparator](#)

**Uncovered Links:** 

Metric	Coverage
Cyclomatic Complexity	1
Decision	50% (1/2) decision outcomes
Execution	100% (1/1) objective outcomes

**Decisions analyzed**

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logical trigger input	50%
false (output is from 3rd input port)	0/56 
true (output is from 1st input port)	56/56

### Constant block "[Constant1](#)"

[Justify or Exclude](#)

Parent: [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX/State Comparator](#)

Uncovered Links: 

Metric	Coverage
Cyclomatic Complexity	0
Execution	0% (0/1) objective outcomes

### Full Coverage

Model Object	Metric
Sum block " <a href="#">Sum of Elements</a> "	Execution
RelationalOperator block " <a href="#">Relational Operator</a> "	Condition, Execution

## 37. SubSystem block "[Compare To Zero](#)"

[Justify or Exclude](#)

Parent: [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX/State Comparator](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	0	0
Condition	NA	100% (2/2) condition outcomes
Execution	NA	100% (1/1) objective outcomes

### Full Coverage

Model Object	Metric
RelationalOperator block " <a href="#">Compare</a> "	Condition, Execution

## 38. SubSystem block "[combine\\_error\\_codes](#)"

Justify or Exclude

**Parent:** [FBFunctions\\_Harness\\_BNOT/BNOT\\_DUPLEX](#)

<b>Metric</b>	<b>Coverage (this object)</b>	<b>Coverage (inc. descendants)</b>
Cyclomatic Complexity	0	0
Execution	NA	100% (1/1) objective outcomes

**Full Coverage**

<b>Model Object</b>	<b>Metric</b>
S-Function block " <a href="#">Bitwise Operator</a> "	Execution