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CME 435 – Project Report

Electrical & Computer Engineering

University of Saskatchewan

**CME435 Project Report​**

**​​Xswitch Testbench​**

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| Document: |  | Xswitch Testbench |
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1. **Embedded Bugs**

Sanity check – fail – 1 pass – 32

Reset check – fail – 0 pass – 89

Valid config test – fail – 0 pass – 33

Repeat\_config\_test – fail – 0 pass – 89

none\_unique\_config\_test – fail 0 pass – 89

random\_config\_test – fail – 23 pass – 66

rcv\_off\_test – fail – 0 pass – 89

write\_full\_test – fail - 0 pass – 344

write\_random\_test – fail - 0 pass - 94

addr\_in\_test – fail - 0 pass - 94

rdy\_off\_test – fail - 0 pass - 94

read\_random\_test – fail – 0 pass – 94

read\_and\_write\_test – fail 1 pass - 182