Control set report

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| Tool Version : Vivado v.2021.1 (win64) Build 3247384 Thu Jun 10 19:36:33 MDT 2021

| Date : Wed Apr 10 16:10:52 2024

| Host : DESKTOP-4LK3EFH running 64-bit major release (build 9200)

| Command : report\_control\_sets -verbose -file UART\_control\_sets\_placed.rpt

| Design : UART

| Device : xc7z020

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Control Set Information

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1. Summary

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| Status | Count |

+----------------------------------------------------------+-------+

| Total control sets | 2059 |

| Minimum number of control sets | 2059 |

| Addition due to synthesis replication | 0 |

| Addition due to physical synthesis replication | 0 |

| Unused register locations in slices containing registers | 36 |

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\* Control sets can be merged at opt\_design using control\_set\_merge or merge\_equivalent\_drivers

\*\* Run report\_qor\_suggestions for automated merging and remapping suggestions

2. Histogram

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| Fanout | Count |

+--------------------+-------+

| Total control sets | 2059 |

| >= 0 to < 4 | 0 |

| >= 4 to < 6 | 2 |

| >= 6 to < 8 | 0 |

| >= 8 to < 10 | 2051 |

| >= 10 to < 12 | 1 |

| >= 12 to < 14 | 0 |

| >= 14 to < 16 | 0 |

| >= 16 | 5 |

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\* Control sets can be remapped at either synth\_design or opt\_design

3. Flip-Flop Distribution

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+--------------+-----------------------+------------------------+-----------------+--------------+

| Clock Enable | Synchronous Set/Reset | Asynchronous Set/Reset | Total Registers | Total Slices |

+--------------+-----------------------+------------------------+-----------------+--------------+

| No | No | No | 0 | 0 |

| No | No | Yes | 22 | 9 |

| No | Yes | No | 0 | 0 |

| Yes | No | No | 16128 | 5253 |

| Yes | No | Yes | 149 | 44 |

| Yes | Yes | No | 417 | 151 |

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4. Detailed Control Set Information

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+----------------+----------------------------------------------+------------------+------------------+----------------+--------------+

| Clock Signal | Enable Signal | Set/Reset Signal | Slice Load Count | Bel Load Count | Bels / Slice |

+----------------+----------------------------------------------+------------------+------------------+----------------+--------------+

| clk\_IBUF\_BUFG | receiver/s\_reg[3]\_i\_1\_n\_0 | fifo\_rx/clear | 2 | 4 | 2.00 |

| clk\_IBUF\_BUFG | transmitter/s\_nxt | fifo\_rx/clear | 1 | 4 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[32][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[80][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[0][7]\_i\_1\_\_0\_n\_0 | fifo\_rx/clear | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[1000][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[1001][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[1013][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[1005][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[1014][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[1006][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[1018][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[101][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[100][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[1004][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[109][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[1021][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[1022][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[1003][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[1012][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[104][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[106][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[1019][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[1010][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[107][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[1015][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[1007][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[1009][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[1020][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[1008][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[1017][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[1011][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[103][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[1023][7]\_i\_1\_\_0\_n\_0 | | 7 | 8 | 1.14 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[102][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[105][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[1002][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[108][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[10][7]\_i\_1\_\_0\_n\_0 | fifo\_rx/clear | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[110][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[1016][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[111][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[121][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[124][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[153][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[163][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[134][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[152][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[155][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[164][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[165][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[167][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[168][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[120][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[114][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[136][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[166][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[12][7]\_i\_1\_\_0\_n\_0 | fifo\_rx/clear | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[142][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[148][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[126][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[131][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[147][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[135][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[169][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[158][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[11][7]\_i\_1\_\_0\_n\_0 | fifo\_rx/clear | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[113][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[123][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[127][7]\_i\_1\_\_0\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[115][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[133][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[128][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[138][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[116][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[119][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[112][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[130][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[146][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[149][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[132][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[129][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[145][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[140][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[14][7]\_i\_1\_\_0\_n\_0 | fifo\_rx/clear | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[150][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[117][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[13][7]\_i\_1\_\_0\_n\_0 | fifo\_rx/clear | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[151][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[154][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[156][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[141][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[143][7]\_i\_1\_\_0\_n\_0 | | 8 | 8 | 1.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[125][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[144][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[118][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[157][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[159][7]\_i\_1\_\_0\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[15][7]\_i\_1\_\_0\_n\_0 | fifo\_rx/clear | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[160][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[137][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[139][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[122][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[161][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[162][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[179][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[181][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[188][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[19][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[205][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[194][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[200][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[208][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[20][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[211][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[184][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[178][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[190][7]\_i\_1\_\_0\_n\_0 | | 7 | 8 | 1.14 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[170][7]\_i\_1\_\_0\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[173][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[171][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[196][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[174][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[183][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[201][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[204][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[210][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[212][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[177][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[213][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[180][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[193][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[195][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[217][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[172][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[209][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[176][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[207][7]\_i\_1\_\_0\_n\_0 | | 8 | 8 | 1.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[189][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[1][7]\_i\_1\_\_0\_n\_0 | fifo\_rx/clear | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[215][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[216][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[218][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[21][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[18][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[192][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[198][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[202][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[220][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[175][7]\_i\_1\_\_0\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[206][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[219][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[191][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[199][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[203][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[182][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[186][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[221][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[187][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[222][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[16][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[223][7]\_i\_1\_\_0\_n\_0 | | 7 | 8 | 1.14 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[224][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[214][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[17][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[185][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[197][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[227][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[270][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[244][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[254][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[271][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[243][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[273][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[275][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[276][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[278][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[27][7]\_i\_1\_\_0\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[226][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[266][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[253][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[268][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[256][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[279][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[235][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[232][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[234][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[245][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[24][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[236][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[225][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[250][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[257][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[237][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[239][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[262][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[248][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[263][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[229][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[259][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[252][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[242][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[269][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[272][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[274][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[261][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[267][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[277][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[231][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[249][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[22][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[233][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[251][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[23][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[238][7]\_i\_1\_\_0\_n\_0 | | 7 | 8 | 1.14 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[240][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[241][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[247][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[255][7]\_i\_1\_\_0\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[230][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[246][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[258][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[25][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[260][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[264][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[228][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[265][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[26][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[333][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[321][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[328][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[28][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[2][7]\_i\_1\_\_0\_n\_0 | fifo\_rx/clear | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[300][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[312][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[323][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[325][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[334][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[311][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[288][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[295][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[29][7]\_i\_1\_\_0\_n\_0 | | 7 | 8 | 1.14 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[316][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[289][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[291][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[286][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[283][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[285][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[292][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[314][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[31][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[287][7]\_i\_1\_\_0\_n\_0 | | 7 | 8 | 1.14 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[290][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[297][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[305][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[309][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[324][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[326][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[329][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[521][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[294][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[322][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[299][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[303][7]\_i\_1\_\_0\_n\_0 | | 8 | 8 | 1.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[304][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[317][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[320][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[293][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[306][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[301][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[318][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[282][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[319][7]\_i\_1\_\_0\_n\_0 | | 7 | 8 | 1.14 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[280][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[284][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[298][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[308][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[30][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[302][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[310][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[313][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[281][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[327][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[330][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[331][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[315][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[296][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[332][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[307][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[335][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[386][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[388][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[340][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[37][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[389][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[375][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[38][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[362][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[390][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[391][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[392][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[359][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[366][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[370][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[33][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[342][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[343][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[346][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[347][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[352][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[35][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[360][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[374][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[341][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[345][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[349][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[357][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[348][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[34][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[365][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[367][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[355][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[368][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[364][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[336][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[337][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[371][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[379][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[344][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[354][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[372][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[373][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[380][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[382][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[369][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[351][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[353][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[378][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[356][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[361][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[363][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[381][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[383][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[384][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[387][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[338][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[376][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[36][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[350][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[377][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[339][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[385][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[358][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[443][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[398][7]\_i\_1\_\_0\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[422][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[394][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[395][7]\_i\_1\_\_0\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[418][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[426][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[39][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[400][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[430][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[415][7]\_i\_1\_\_0\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[404][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[432][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[433][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[401][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[413][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[410][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[412][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[429][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[437][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[3][7]\_i\_1\_\_0\_n\_0 | fifo\_rx/clear | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[414][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[420][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[425][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[436][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[423][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[438][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[439][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[406][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[444][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[399][7]\_i\_1\_\_0\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[403][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[397][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[419][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[41][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[431][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[402][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[417][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[409][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[421][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[40][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[408][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[396][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[411][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[393][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[416][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[424][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[435][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[42][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[43][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[440][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[427][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[442][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[405][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[407][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[428][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[434][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[441][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[467][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[469][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[487][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[495][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[462][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[472][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[496][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[497][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[498][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[499][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[49][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[4][7]\_i\_1\_\_0\_n\_0 | fifo\_rx/clear | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[450][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[480][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[451][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[481][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[470][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[478][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[483][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[484][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[463][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[489][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[494][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[457][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[500][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[449][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[461][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[486][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[464][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[476][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[455][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[447][7]\_i\_1\_\_0\_n\_0 | | 7 | 8 | 1.14 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[474][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[475][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[458][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[477][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[479][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[460][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[446][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[466][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[482][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[48][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[452][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[468][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[465][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[445][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[46][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[453][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[448][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[456][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[485][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[488][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[490][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[491][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[471][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[459][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[454][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[47][7]\_i\_1\_\_0\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[492][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[493][7]\_i\_1\_\_0\_n\_0 | | 7 | 8 | 1.14 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[45][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[473][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[44][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[549][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[529][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[512][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[527][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[506][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[534][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[541][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[54][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[551][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[552][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[525][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[553][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[554][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[518][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[540][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[501][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[547][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[550][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[503][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[507][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[537][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[519][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[530][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[511][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[505][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[522][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[531][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[533][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[513][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[535][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[508][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[514][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[502][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[538][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[53][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[504][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[543][7]\_i\_1\_\_0\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[510][7]\_i\_1\_\_0\_n\_0 | | 7 | 8 | 1.14 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[51][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[545][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[536][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[520][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[523][7]\_i\_1\_\_0\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[528][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[524][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[52][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[509][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[532][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[50][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[517][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[539][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[515][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[516][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[542][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[544][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[546][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[526][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[548][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[596][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[594][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[597][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[558][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[592][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[5][7]\_i\_1\_\_0\_n\_0 | fifo\_rx/clear | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[600][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[601][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[564][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[603][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[606][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[560][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[568][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[581][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[588][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[557][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[55][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[59][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[586][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[605][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[607][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[608][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[591][7]\_i\_1\_\_0\_n\_0 | | 7 | 8 | 1.14 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[595][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[559][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[567][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[573][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[599][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[584][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[579][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[561][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[571][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[583][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[598][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[566][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[574][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[57][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[589][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[604][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[58][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[590][7]\_i\_1\_\_0\_n\_0 | | 8 | 8 | 1.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[580][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[602][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[569][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[609][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[60][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[610][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[611][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[56][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[565][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[563][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[572][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[562][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[577][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[582][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[578][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[555][7]\_i\_1\_\_0\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[570][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[575][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[585][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[587][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[556][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[576][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[593][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[640][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[612][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[615][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[623][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[638][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[651][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[653][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[650][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[659][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[660][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[662][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[627][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[642][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[644][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[622][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[625][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[636][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[632][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[646][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[647][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[663][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[661][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[613][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[617][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[619][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[624][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[626][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[628][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[634][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[649][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[655][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[629][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[616][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[656][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[61][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[641][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[658][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[65][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[645][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[665][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[666][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[643][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[631][7]\_i\_1\_\_0\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[637][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[62][7]\_i\_1\_\_0\_n\_0 | | 7 | 8 | 1.14 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[633][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[635][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[618][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[639][7]\_i\_1\_\_0\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[652][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[614][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[654][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[630][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[657][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[620][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[63][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[664][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[64][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[667][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[621][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[648][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[668][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[703][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[722][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[684][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[71][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[694][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[683][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[686][7]\_i\_1\_\_0\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[713][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[719][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[721][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[723][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[676][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[699][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[673][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[690][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[698][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[691][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[704][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[672][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[696][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[705][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[707][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[709][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[689][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[712][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[671][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[702][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[685][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[716][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[720][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[678][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[681][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[700][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[715][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[687][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[688][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[717][7]\_i\_1\_\_0\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[70][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[677][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[670][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[68][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[674][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[679][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[6][7]\_i\_1\_\_0\_n\_0 | fifo\_rx/clear | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[710][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[69][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[682][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[67][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[695][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[669][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[675][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[66][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[701][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[706][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[711][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[714][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[680][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[697][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[708][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[718][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[692][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[693][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[76][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[732][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[739][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[753][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[764][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[734][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[738][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[740][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[72][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[748][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[752][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[744][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[751][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[735][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[75][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[730][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[763][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[765][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[771][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[728][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[776][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[778][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[743][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[729][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[750][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[757][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[73][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[766][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[769][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[727][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[726][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[725][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[736][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[741][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[742][7]\_i\_1\_\_0\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[745][7]\_i\_1\_\_0\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[74][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[755][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[756][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[758][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[767][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[731][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[772][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[773][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[733][7]\_i\_1\_\_0\_n\_0 | | 7 | 8 | 1.14 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[737][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[749][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[747][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[759][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[746][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[762][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[770][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[774][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[760][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[761][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[775][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[777][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[754][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[768][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[724][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[779][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[79][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[805][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[809][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[796][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[788][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[808][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[800][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[802][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[815][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[829][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[821][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[832][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[781][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[77][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[78][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[782][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[795][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[803][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[817][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[819][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[81][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[801][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[820][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[824][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[830][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[787][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[789][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[791][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[792][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[812][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[7][7]\_i\_1\_\_0\_n\_0 | fifo\_rx/clear | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[810][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[811][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[813][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[807][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[82][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[826][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[780][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[823][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[785][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[786][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[797][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[799][7]\_i\_1\_\_0\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[784][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[794][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[804][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[806][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[814][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[816][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[798][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[790][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[818][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[822][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[825][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[827][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[828][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[831][7]\_i\_1\_\_0\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[793][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[783][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[80][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[886][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[839][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[848][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[845][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[842][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[857][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[874][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[84][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[862][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[882][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[834][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[837][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[859][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[844][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[856][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[866][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[840][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[869][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[870][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[871][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[872][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[876][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[878][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[865][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[881][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[884][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[867][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[851][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[850][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[849][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[858][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[838][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[847][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[852][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[85][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[864][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[879][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[87][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[880][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[83][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[868][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[883][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[846][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[86][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[833][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[863][7]\_i\_1\_\_0\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[861][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[875][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[860][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[855][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[873][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[841][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[853][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[854][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[877][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[836][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[885][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[887][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[835][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[843][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[889][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[899][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[922][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[90][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[898][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[914][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[919][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[91][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[932][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[935][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[934][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[936][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[923][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[929][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[893][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[909][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[911][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[912][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[891][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[900][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[917][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[897][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[913][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[905][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[910][7]\_i\_1\_\_0\_n\_0 | | 7 | 8 | 1.14 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[888][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[901][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[903][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[8][7]\_i\_1\_\_0\_n\_0 | fifo\_rx/clear | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[924][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[930][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[925][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[902][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[937][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[906][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[894][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[938][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[895][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[896][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[933][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[939][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[920][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[921][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[926][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[890][7]\_i\_1\_\_0\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[904][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[928][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[88][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[918][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[89][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[907][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[915][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[892][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[927][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[916][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[908][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[92][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[931][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[956][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[952][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[944][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[954][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[953][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[972][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[974][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[975][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[93][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[962][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[941][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[940][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[947][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[960][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[943][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[963][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[959][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[951][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[961][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[950][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[964][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[948][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[942][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[949][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[95][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[966][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[968][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[96][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[967][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[969][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[955][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[94][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[957][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[958][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[965][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[971][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[970][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[945][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[946][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[973][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[983][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[998][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[999][7]\_i\_1\_\_0\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[986][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[980][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[977][7]\_i\_1\_\_0\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[982][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[988][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[991][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[996][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[997][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[995][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[99][7]\_i\_1\_\_0\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[98][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[993][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[97][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[981][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[978][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[979][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[992][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[984][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[985][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[989][7]\_i\_1\_\_0\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[990][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[976][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[994][7]\_i\_1\_\_0\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[9][7]\_i\_1\_\_0\_n\_0 | fifo\_rx/clear | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_tx/mem[987][7]\_i\_1\_\_0\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/r\_ptr1 | fifo\_rx/clear | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[1002][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[1011][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[1003][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[1004][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[1007][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[1012][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[0][7]\_i\_1\_n\_0 | fifo\_rx/clear | 7 | 8 | 1.14 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[1001][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[1008][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[1000][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[1015][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[1010][7]\_i\_1\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[1009][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[100][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[1016][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[1013][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[1017][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[1014][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[1005][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[1006][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[110][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[103][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[121][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[1019][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[118][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[10][7]\_i\_1\_n\_0 | fifo\_rx/clear | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[109][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[123][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[102][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[124][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[104][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[126][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[112][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[128][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[135][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[137][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[106][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[120][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[101][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[1022][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[125][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[129][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[132][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[1018][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[116][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[138][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[105][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[108][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[119][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[111][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[139][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[13][7]\_i\_1\_n\_0 | fifo\_rx/clear | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[115][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[140][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[122][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[141][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[142][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[130][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[117][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[1020][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[113][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[1023][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[11][7]\_i\_1\_n\_0 | fifo\_rx/clear | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[12][7]\_i\_1\_n\_0 | fifo\_rx/clear | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[127][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[131][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[136][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[1021][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[134][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[133][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[107][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[114][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[158][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[173][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[189][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[186][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[180][7]\_i\_1\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[188][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[18][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[151][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[192][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[193][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[195][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[196][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[197][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[190][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[181][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[149][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[194][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[159][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[162][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[164][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[185][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[167][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[191][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[198][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[145][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[178][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[199][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[19][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[157][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[179][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[170][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[146][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[14][7]\_i\_1\_n\_0 | fifo\_rx/clear | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[156][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[171][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[183][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[150][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[147][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[153][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[154][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[155][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[160][7]\_i\_1\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[161][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[16][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[169][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[144][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[148][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[168][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[165][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[15][7]\_i\_1\_n\_0 | fifo\_rx/clear | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[174][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[176][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[182][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[177][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[17][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[184][7]\_i\_1\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[166][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[175][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[163][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[152][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[172][7]\_i\_1\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[187][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[143][7]\_i\_1\_n\_0 | | 8 | 8 | 1.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[207][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[23][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[249][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[242][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[203][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[244][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[250][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[217][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[235][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[251][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[252][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[253][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[254][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[247][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[255][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[236][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[206][7]\_i\_1\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[20][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[24][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[241][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[219][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[212][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[214][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[228][7]\_i\_1\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[231][7]\_i\_1\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[232][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[204][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[233][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[237][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[222][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[223][7]\_i\_1\_n\_0 | | 7 | 8 | 1.14 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[227][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[240][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[201][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[22][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[230][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[215][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[239][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[221][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[234][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[202][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[238][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[245][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[205][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[21][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[220][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[243][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[218][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[246][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[210][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[213][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[1][7]\_i\_1\_n\_0 | fifo\_rx/clear | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[248][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[200][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[229][7]\_i\_1\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[211][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[216][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[208][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[226][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[209][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[224][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[225][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[306][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[259][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[302][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[305][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[309][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[275][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[310][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[269][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[258][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[270][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[25][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[273][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[286][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[30][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[26][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[262][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[277][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[27][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[278][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[285][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[287][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[294][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[274][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[265][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[267][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[282][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[290][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[257][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[256][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[276][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[292][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[296][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[283][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[28][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[298][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[299][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[301][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[2][7]\_i\_1\_n\_0 | fifo\_rx/clear | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[268][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[284][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[303][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[304][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[291][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[288][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[293][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[281][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[29][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[289][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[297][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[260][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[263][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[266][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[272][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[271][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[300][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[264][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[307][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[295][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[308][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[261][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[279][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[280][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[332][7]\_i\_1\_n\_0 | | 7 | 8 | 1.14 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[334][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[340][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[31][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[316][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[342][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[319][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[359][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[35][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[362][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[363][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[364][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[365][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[366][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[367][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[311][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[339][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[341][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[321][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[325][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[327][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[331][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[33][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[346][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[350][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[330][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[344][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[356][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[358][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[349][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[360][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[361][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[355][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[34][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[318][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[32][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[347][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[314][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[352][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[323][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[312][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[324][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[353][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[329][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[343][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[357][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[354][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[328][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[315][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[322][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[333][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[337][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[345][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[313][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[317][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[335][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[348][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[326][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[351][7]\_i\_1\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[338][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[336][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[320][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[391][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[395][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[406][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[40][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[414][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[390][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[38][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[379][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[368][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[394][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[418][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[419][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[393][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[397][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[401][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[36][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[378][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[383][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[387][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[410][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[415][7]\_i\_1\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[41][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[369][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[421][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[422][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[375][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[423][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[386][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[371][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[389][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[370][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[392][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[396][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[399][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[404][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[405][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[420][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[407][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[411][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[374][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[380][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[381][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[372][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[398][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[377][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[385][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[400][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[402][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[403][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[3][7]\_i\_1\_n\_0 | fifo\_rx/clear | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[408][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[409][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[412][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[39][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[413][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[373][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[416][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[376][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[417][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[37][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[382][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[388][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[384][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[437][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[44][7]\_i\_1\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[450][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[442][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[435][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[453][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[459][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[425][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[449][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[464][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[468][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[471][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[424][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[448][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[470][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[431][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[461][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[472][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[438][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[465][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[474][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[475][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[476][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[428][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[42][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[441][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[451][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[456][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[473][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[445][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[457][7]\_i\_1\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[477][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[444][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[478][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[440][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[479][7]\_i\_1\_n\_0 | | 7 | 8 | 1.14 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[47][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[480][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[430][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[45][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[439][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[467][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[432][7]\_i\_1\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[443][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[454][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[463][7]\_i\_1\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[460][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[466][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[462][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[46][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[434][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[452][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[429][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[469][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[455][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[433][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[458][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[427][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[436][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[447][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[43][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[446][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[426][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[508][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[481][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[515][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[522][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[528][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[525][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[511][7]\_i\_1\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[484][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[485][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[48][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[482][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[501][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[519][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[488][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[51][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[491][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[506][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[507][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[495][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[510][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[489][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[490][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[49][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[520][7]\_i\_1\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[523][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[524][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[505][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[498][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[527][7]\_i\_1\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[529][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[499][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[514][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[52][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[486][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[496][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[517][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[530][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[531][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[504][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[533][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[534][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[526][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[493][7]\_i\_1\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[516][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[532][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[4][7]\_i\_1\_n\_0 | fifo\_rx/clear | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[483][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[518][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[497][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[487][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[494][7]\_i\_1\_n\_0 | | 7 | 8 | 1.14 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[502][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[503][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[500][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[513][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[509][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[521][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[50][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[512][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[492][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[558][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[560][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[584][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[553][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[564][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[585][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[54][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[567][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[583][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[589][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[58][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[590][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[588][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[542][7]\_i\_1\_n\_0 | | 7 | 8 | 1.14 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[554][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[535][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[53][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[559][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[582][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[572][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[545][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[547][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[550][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[568][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[571][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[573][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[537][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[551][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[576][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[57][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[565][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[586][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[56][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[563][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[566][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[548][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[555][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[541][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[570][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[574][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[540][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[538][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[556][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[575][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[577][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[557][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[536][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[579][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[543][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[546][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[55][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[581][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[552][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[561][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[544][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[549][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[569][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[578][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[580][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[562][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[539][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[605][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[607][7]\_i\_1\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[625][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[604][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[592][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[597][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[598][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[636][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[637][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[63][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[644][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[643][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[645][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[646][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[641][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[601][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[610][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[606][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[624][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[595][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[614][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[630][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[622][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[618][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[621][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[627][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[634][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[623][7]\_i\_1\_n\_0 | | 7 | 8 | 1.14 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[600][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[616][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[640][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[608][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[617][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[628][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[61][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[620][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[603][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[609][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[629][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[642][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[602][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[615][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[612][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[59][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[594][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[60][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[611][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[5][7]\_i\_1\_n\_0 | fifo\_rx/clear | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[626][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[62][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[631][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[632][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[593][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[619][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[599][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[591][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[596][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[633][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[635][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[638][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[639][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[613][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[671][7]\_i\_1\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[673][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[681][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[670][7]\_i\_1\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[649][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[669][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[683][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[685][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[652][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[68][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[691][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[692][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[693][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[650][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[694][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[695][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[697][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[672][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[689][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[686][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[69][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[679][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[651][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[653][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[657][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[658][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[661][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[659][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[666][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[667][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[676][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[678][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[64][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[688][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[655][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[648][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[656][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[660][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[66][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[65][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[677][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[684][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[664][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[687][7]\_i\_1\_n\_0 | | 7 | 8 | 1.14 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[690][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[696][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[698][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[699][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[662][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[674][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[680][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[6][7]\_i\_1\_n\_0 | fifo\_rx/clear | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[665][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[654][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[668][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[663][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[682][7]\_i\_1\_n\_0 | | 7 | 8 | 1.14 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[700][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[675][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[647][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[67][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[714][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[721][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[74][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[726][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[707][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[718][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[728][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[750][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[743][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[751][7]\_i\_1\_n\_0 | | 8 | 8 | 1.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[753][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[754][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[755][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[715][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[730][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[756][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[757][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[748][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[720][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[758][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[759][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[725][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[710][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[70][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[752][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[704][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[716][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[734][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[711][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[705][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[719][7]\_i\_1\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[724][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[731][7]\_i\_1\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[72][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[729][7]\_i\_1\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[708][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[709][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[733][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[736][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[713][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[739][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[712][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[717][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[735][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[702][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[71][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[727][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[73][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[732][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[740][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[741][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[746][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[745][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[744][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[703][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[706][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[738][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[701][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[742][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[722][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[747][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[723][7]\_i\_1\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[749][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[737][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[76][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[788][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[798][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[79][7]\_i\_1\_n\_0 | | 7 | 8 | 1.14 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[7][7]\_i\_1\_n\_0 | fifo\_rx/clear | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[795][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[800][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[801][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[803][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[804][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[805][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[806][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[787][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[777][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[807][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[808][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[809][7]\_i\_1\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[587][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[810][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[761][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[790][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[773][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[784][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[792][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[780][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[766][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[769][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[774][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[767][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[768][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[799][7]\_i\_1\_n\_0 | | 7 | 8 | 1.14 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[802][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[770][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[75][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[775][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[764][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[783][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[781][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[793][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[779][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[763][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[762][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[772][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[771][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[776][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[778][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[786][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[765][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[789][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[791][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[796][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[782][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[760][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[785][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[78][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[794][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[797][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[77][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[851][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[836][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[854][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[857][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[860][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[827][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[861][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[820][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[822][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[839][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[825][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[830][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[862][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[863][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[821][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[815][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[829][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[82][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[856][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[831][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[864][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[865][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[826][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[845][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[85][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[814][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[843][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[84][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[828][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[83][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[849][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[853][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[844][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[811][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[835][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[842][7]\_i\_1\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[847][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[838][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[813][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[818][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[840][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[816][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[848][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[837][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[850][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[852][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[855][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[819][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[81][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[858][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[824][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[859][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[817][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[812][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[823][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[834][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[846][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[832][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[841][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[833][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[908][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[86][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[88][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[899][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[872][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[886][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[8][7]\_i\_1\_n\_0 | fifo\_rx/clear | 7 | 8 | 1.14 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[869][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[912][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[866][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[870][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[911][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[913][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[914][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[887][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[889][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[892][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[877][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[900][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[902][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[873][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[895][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[897][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[883][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[907][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[868][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[910][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[884][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[905][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[915][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[916][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[906][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[898][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[909][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[871][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[90][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[888][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[903][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[879][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[917][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[918][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[878][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[875][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[881][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[87][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[874][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[890][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[893][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[896][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[867][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[882][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[885][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[880][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[894][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[89][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[904][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[891][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[901][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[876][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[951][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[930][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[95][7]\_i\_1\_n\_0 | | 7 | 8 | 1.14 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[961][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[931][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[936][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[939][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[940][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[937][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[941][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[924][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[94][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[950][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[962][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[921][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[934][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[919][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[938][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[952][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[929][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[963][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[944][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[93][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[923][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[943][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[928][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[926][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[92][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[957][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[958][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[959][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[947][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[945][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[925][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[955][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[933][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[956][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[91][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[927][7]\_i\_1\_n\_0 | | 5 | 8 | 1.60 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[922][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[953][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[960][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[932][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[942][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[946][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[954][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[935][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[949][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[948][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[920][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[978][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[980][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[983][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[966][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[977][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[991][7]\_i\_1\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[992][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[96][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[979][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[968][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[974][7]\_i\_1\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[982][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[973][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[988][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[976][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[969][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[965][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[987][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[990][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[981][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[964][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[971][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[972][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[97][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[970][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[967][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[984][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[985][7]\_i\_1\_n\_0 | | 7 | 8 | 1.14 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[986][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[989][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[98][7]\_i\_1\_n\_0 | | 6 | 8 | 1.33 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[975][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[997][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[995][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[99][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[993][7]\_i\_1\_n\_0 | | 3 | 8 | 2.67 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[998][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[999][7]\_i\_1\_n\_0 | | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[994][7]\_i\_1\_n\_0 | | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[996][7]\_i\_1\_n\_0 | | 1 | 8 | 8.00 |

| clk\_IBUF\_BUFG | fifo\_rx/mem[9][7]\_i\_1\_n\_0 | fifo\_rx/clear | 4 | 8 | 2.00 |

| clk\_IBUF\_BUFG | transmitter/E[0] | fifo\_rx/clear | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | transmitter/b\_nxt\_0 | fifo\_rx/clear | 2 | 8 | 4.00 |

| clk\_IBUF\_BUFG | transmitter/FSM\_sequential\_state\_reg[0]\_0[0] | fifo\_rx/clear | 3 | 10 | 3.33 |

| clk\_IBUF\_BUFG | | fifo\_rx/clear | 9 | 22 | 2.44 |

| clk\_IBUF\_BUFG | timer/w\_ptr0 | fifo\_rx/clear | 20 | 33 | 1.65 |

| clk\_IBUF\_BUFG | fifo\_tx/w\_ptr0 | fifo\_rx/clear | 19 | 36 | 1.89 |

| clk\_IBUF\_BUFG | fifo\_rx/r\_ptr[9]\_i\_1\_n\_0 | fifo\_rx/clear | 22 | 66 | 3.00 |

| clk\_IBUF\_BUFG | receiver/b\_reg[7]\_i\_1\_n\_0 | fifo\_rx/clear | 39 | 133 | 3.41 |

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