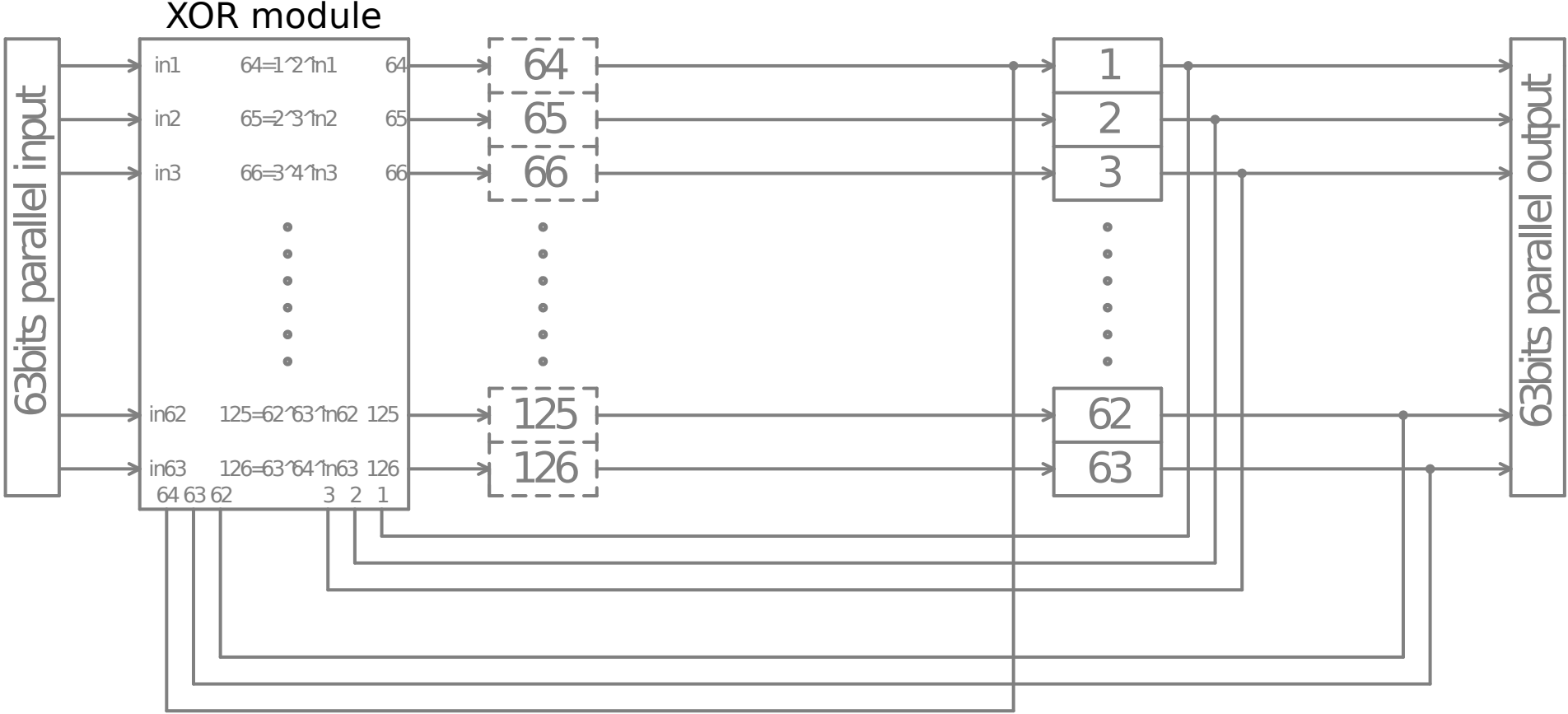
XOR module
63bits parallel input
in1
64=1^2^in1
64
in2
65=2^3^in2
65
in3
66=3^4^in3
66
in62
125=62^63^in62
125
in63
126=63^64^in63
126
64 63 62
3 2 1
64
65
66
125
126
1
2
3
62
63
63bits parallel output