Case	x	y	z	a	b	D0	D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	D11	D12	D13	D14	D15
1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
6	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
7	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
8	0	0	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
9	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
10	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
11	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
12	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
13	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
14	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
15	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
16	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

My propagation delay for TempDestRegDecoder was 7 ns.