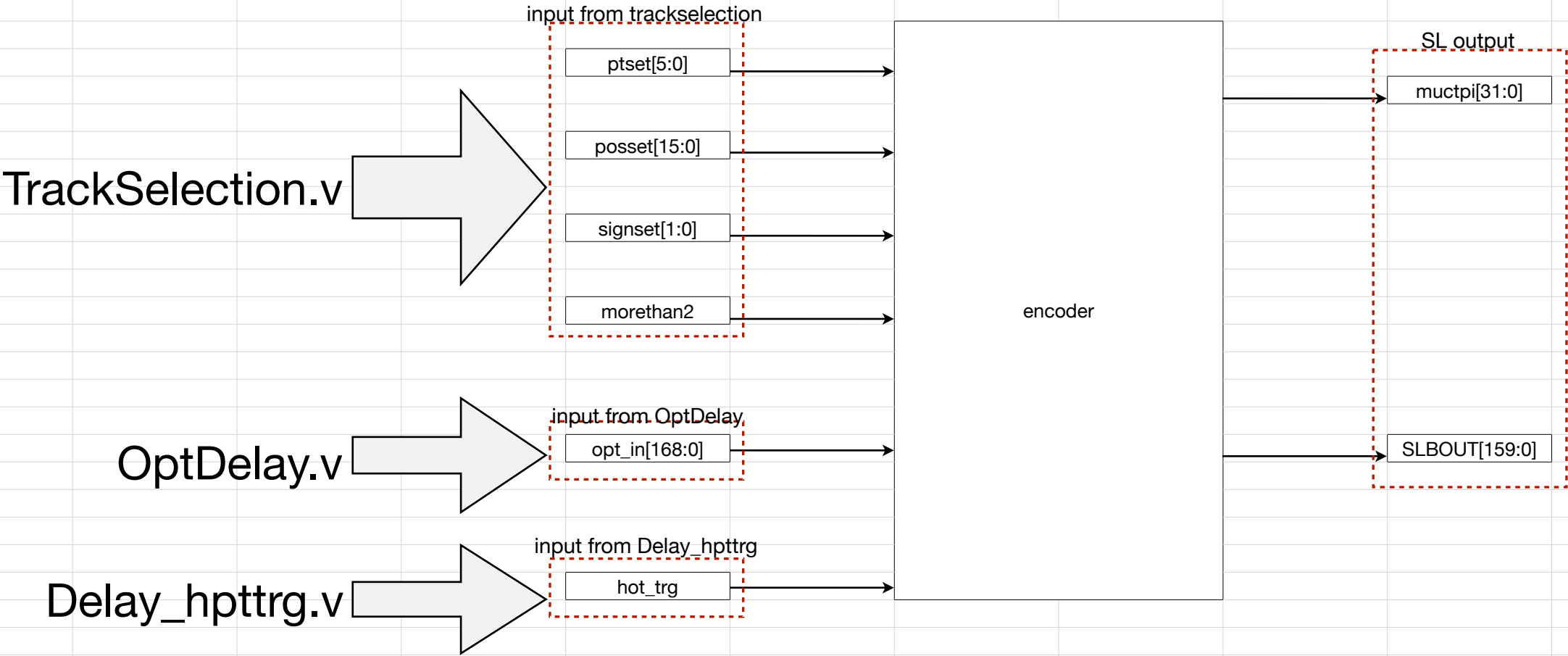


Encoder

version01 : 2012/3/23



Input/Output Data

Input

ptset[5:0]

bit	
0	pt_2nd[0]
1	pt_2nd[1]
2	pt_2nd[2]
3	pt_1st[0]
4	pt_1st[1]
5	pt_1st[2]

posset[15:0]

bit	
0	pos_2nd[0]
1	pos_2nd[1]
2	pos_2nd[2]
3	SSC_2nd[0]
4	SSC_2nd[1]
5	SSC_2nd[2]
6	SSC_2nd[3]
7	SSC_2nd[4]
8	pos_1st[0]
9	pos_1st[1]
10	pos_1st[2]
11	SSC_1st[0]
12	SSC_1st[1]
13	SSC_1st[2]
14	SSC_1st[3]
15	SSC_1st[4]

signset[1:0]

bit	
0	sign_2nd
1	sign_1st

morethan2

bit	
0	morethan2

hpt_trg

bit	
0	hpt_trg

Opt_in[168:0]		
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Opt_in[168:109] = 60'b0		
[108:107] = EIFI_Opt0_inde[1:0]		
[106:105] = EIFI_Opt1_inde[1:0]		
[104:103] = EIFI_Opt2_inde[1:0]		
[102:101] = EIFI_Opt3_inde[1:0]		
[100:84] = ES0Opt1_inde[16:0]		
[83:67] = ES0Opt0_inde[16:0]		
[66:51] = EW0Opt3_inde[15:0]		
[50:34] = EW0opt2_inde[16:0]		
[33:17] = EW0Opt1_inde[16:0]		
[16:0] = EW0Opt0_inde[16:0]		

Output

SLBOUT[159:0]

https://twiki.cern.ch/twiki/pub/Main/TgcDocument/SL_ReadOut_Matrix_20100205.pdf 参照

MUCTPI[31:0] = SLBOUT[31:0]