

6:AL

```
graph TD; A([6:AL]) --> B([7:BS  
pos = (in[1])? 2'd3 :  
(in[2])? 2'd1 :  
(in[0])? 2'd0 : 2'd0;]); B --> C([Leaf_6:AL]);
```

7:BS  
pos = (in[1])? 2'd3 :  
(in[2])? 2'd1 :  
(in[0])? 2'd0 : 2'd0;

Leaf\_6:AL