

2

Button Encoder				Out	
In				SEL(1,0)	
BTNU	BTNC	BTND			
0	0	0		00	
0	0	1		01	
0	1	0		11	
0	1	1		00	
1	0	0		10	
1	0	1		01	
1	1	0		00	
1	1	1		01	

mux 4-to-1 - 4bit		Input	
SEL	X(i)		
00		sum-int	
01		sum-int	
10		A-int	
11		B-int	

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