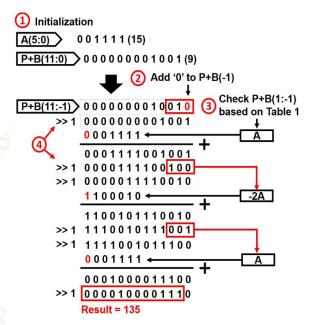


\$ 1 +	Msgs												
<pre>/MULT_TB/booth_mult_inst/dk</pre>	St0												
/MULT_TB/booth_mult_inst/rst_n	St1												
/MULT_TB/booth_mult_inst/load	St0												
MULT_TB/booth_mult_inst/A	001111		001111										
MULT_TB/booth_mult_inst/B	001001		001001										
■ /MULT_TB/booth_mult_inst/P	111100101010	000000000000		00000000	1001	000011110	0010	11100101	100	00001000	111	111100110	001
→ /MULT_TB/booth_mult_inst/A_reg	001111	000000		001111									
I → /MULT_TB/booth_mult_inst/P_B_reg	1111001010101	000000000000000000000000000000000000000	0	00000000	10010	000011110	0100	11100101	1001	00001000	1110	111100110	0011
/MULT_TB/booth_mult_inst/P_B_reg_sra_1	1111100101010	000000000000	0	000000000	1001	00000111	10010	11110010	1100	00000100	0111	1111110011	.0001
# → /MULT_TB/booth_mult_inst/adder_S	1101101	0000000		0001111		1100101		0001000		1110011		0011010	
☐ → /MULT_TB/booth_mult_inst/adder_A	1111100	0000000				0000011		1111001		0000010		1111100	
III → /MULT_TB/booth_mult_inst/adder_B	0001111	0000000		0001111		0011110		0001111				0011110	
/MULT_TB/booth_mult_inst/booth_enc_A	1												
/MULT_TB/booth_mult_inst/booth_enc_2A	0												8
/MULT_TB/booth_mult_inst/booth_enc_neg	1										The state of		

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\$ 1 +	Msgs												
<pre>/MULT_TB/booth_mult_inst/dk</pre>	St0						Į.				1		
/MULT_TB/booth_mult_inst/rst_n	St1												
/MULT_TB/booth_mult_inst/load	St0												
■- /MULT_TB/booth_mult_inst/A	001111		001111										
■ /MULT_TB/booth_mult_inst/B	001001		001001										
#————————————————————————————————————	111100101010	0000000000000		000000001	001	00001111	0010	11100101	100	00001000	0111	111100110	001
<u>→</u> /MULT_TB/booth_mult_inst/A_reg	001111	000000		001111									
<u>→</u> /MULT_TB/booth_mult_inst/P_B_reg	1111001010101	000000000000000000000000000000000000000		000000001	0010	00001111	00100	11100101	1001	00001000	01110	111100110	0011
MULT_TB/booth_mult_inst/P_B_reg_sra_1	1111100101010	000000000000000000000000000000000000000		000000000	1001	00000111	10010	11110010	1100	00000100	00111	11111001	0001
■ /MULT_TB/booth_mult_inst/adder_S	1101101	0000000		0001111		1100101		0001000		1110011		0011010	
	1111100	0000000				0000011		1111001		0000010		1111100	
■ /MULT_TB/booth_mult_inst/adder_B	0001111	0000000		0001111		0011110		0001111				0011110	
//MULT_TB/booth_mult_inst/booth_enc_A	1			4		_							
/MULT_TB/booth_mult_inst/booth_enc_2A	0												
/MULT_TB/booth_mult_inst/booth_enc_neg	1					1							