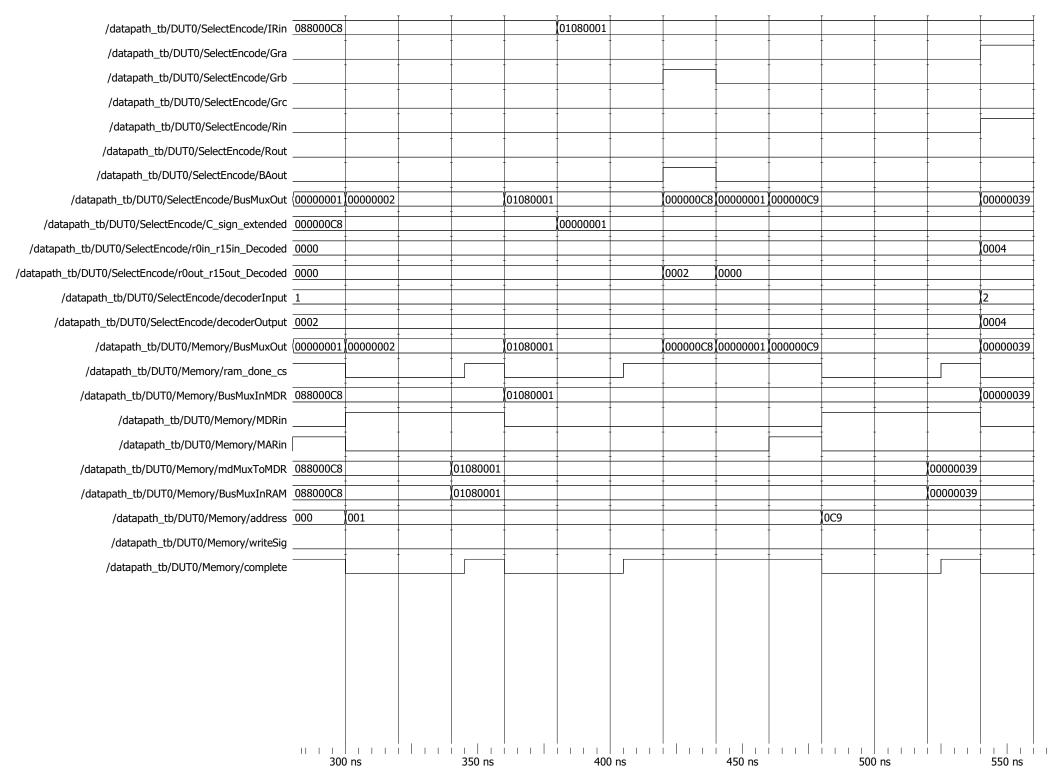
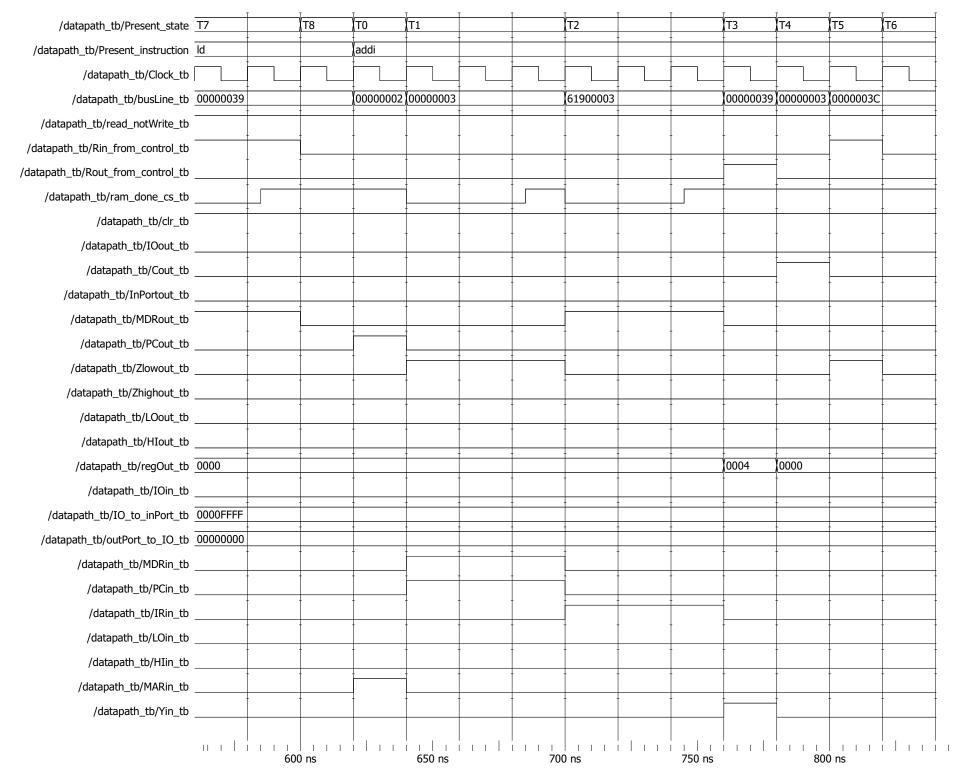
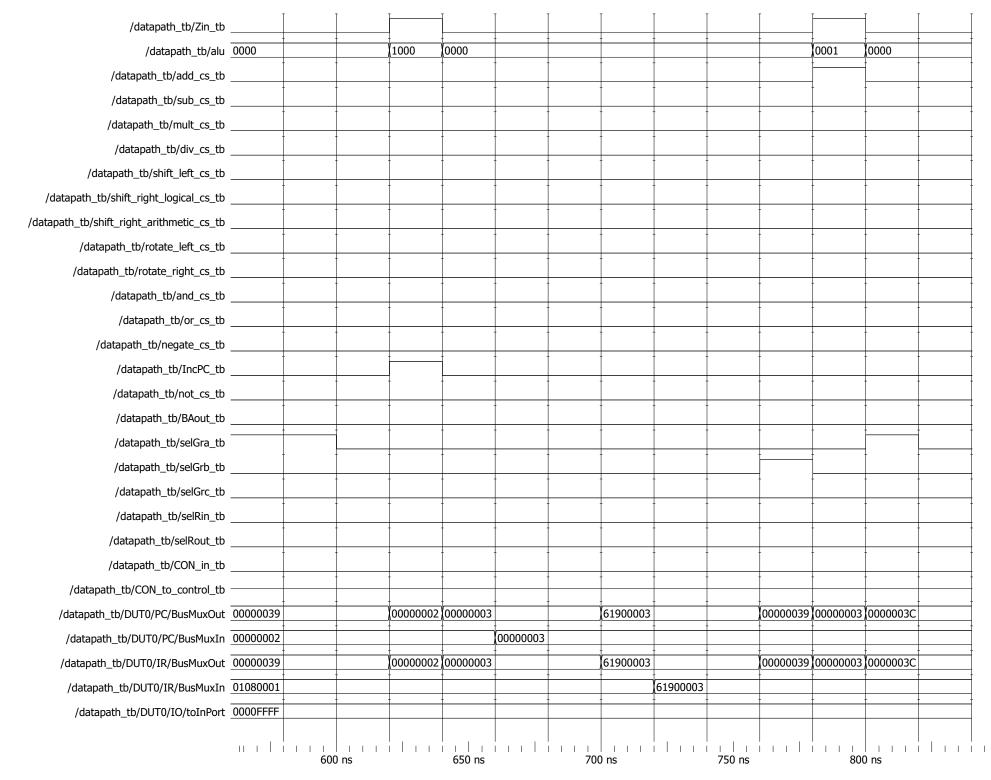


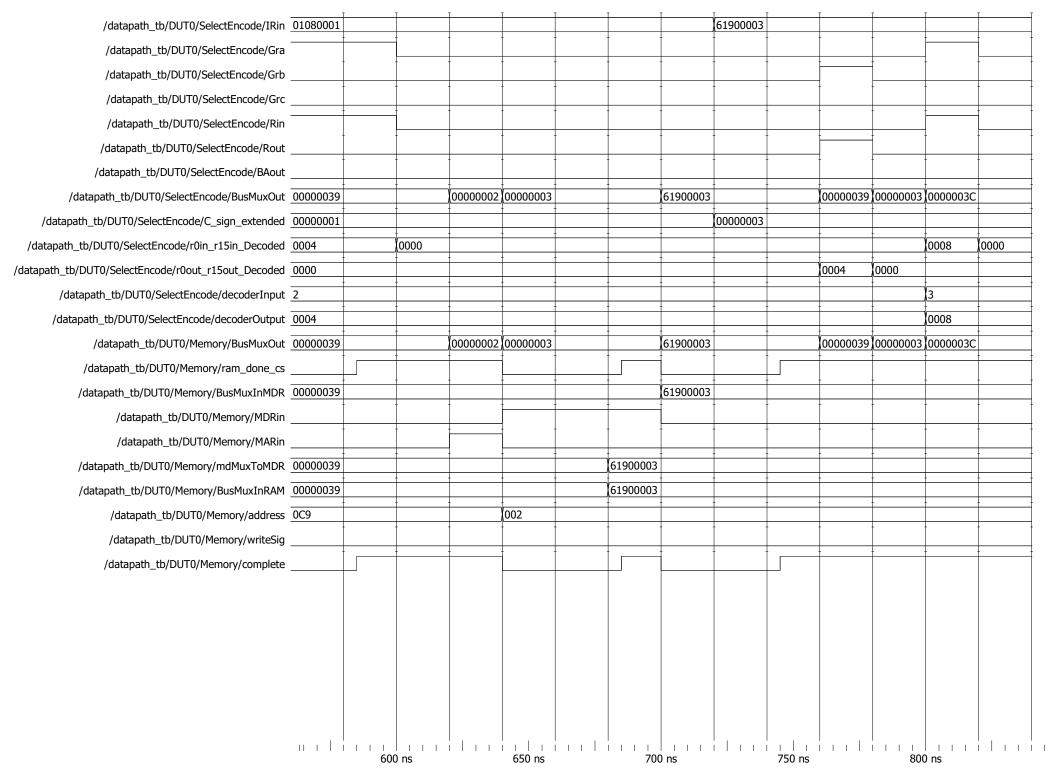
/datapath_tb/DUT0/IO/toOutPort(0	00000001	00000002			01080001		Ţ,	000000C8	00000001	000000C9		00000039
/datapath_tb/DUT0/IO/toBus_0	00000000		-			+	+	-			-	
/datapath_tb/DUT0/IO/toIO <u>(</u>	+	-	_			-						
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R0 <u>(</u>	+					-	-	-		-		
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R1 <u>(</u>				:		-				-	-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R2 (		-	-		-	-	+	-			-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R3 (						-		-			-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R4 (	-		-	:	-	-		-		-		
_	-		-				+	-		-	-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R5 (	-		-	:						-	-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R6 (	-										-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R7 <u>(</u> _							-					
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R8 _(	00000000											
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R9 (	00000000											
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R10 _0	00000000											
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R11	00000000	•										
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R12	00000000	•				+					-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R13	00000000		•	•							-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R14 _	00000000			•		-					-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R15	00000000					+						
/datapath_tb/DUT0/Multiplexer/BusMuxIn_HI	00000000					+						
/datapath_tb/DUT0/Multiplexer/BusMuxIn_LO	00000000											
/datapath_tb/DUT0/Multiplexer/BusMuxIn_Zhigh	xxxxxxx	00000000								xxxxxxx	-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_Zlow <u>(</u>	000000C8	00000002								000000C9		
/datapath_tb/DUT0/Multiplexer/BusMuxIn_PC	00000001		00000002									
/datapath_tb/DUT0/Multiplexer/BusMuxIn_MDR (	088000C8				01080001							00000039
/datapath_tb/DUT0/Multiplexer/BusMuxIn_InPort	00000000		•	•		-					-	
/datapath_tb/DUT0/Multiplexer/C_sign_extended _	000000C8	-		•		00000001					-	
/datapath_tb/DUT0/Multiplexer/encoderSignal	14	13			15	-		01	17	13	-	15
/datapath_tb/DUT0/Multiplexer/BusMuxOut (	00000001	00000002	-		01080001	+		000000C8	0000001	000000C9	-	00000039
	300					400 r		1 1 1 1		500	) ns	550 ns

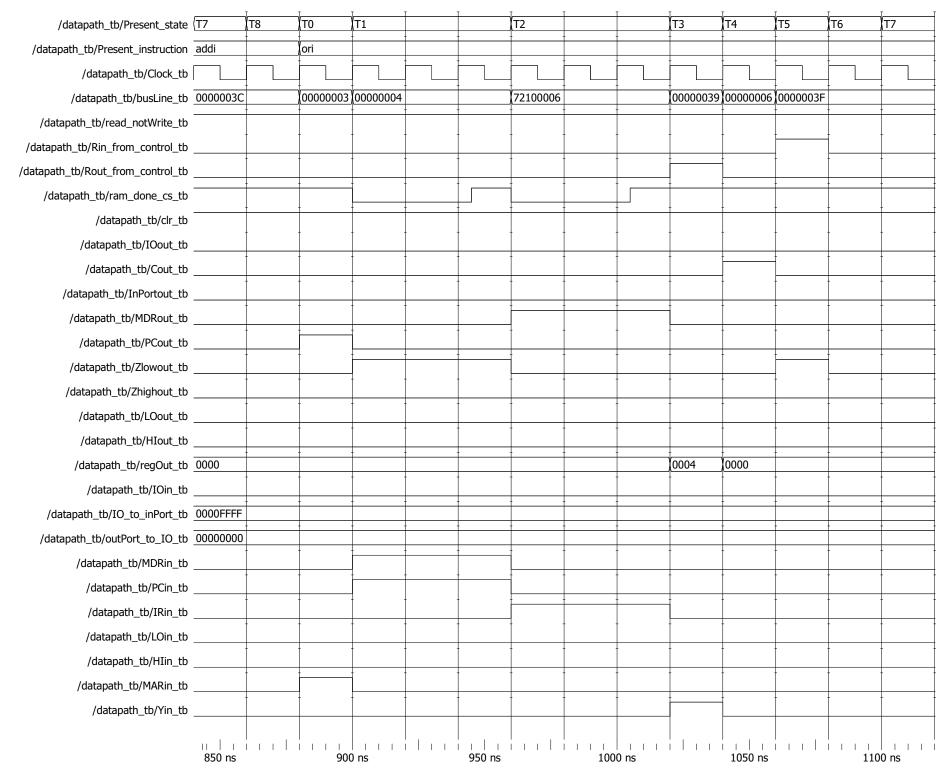


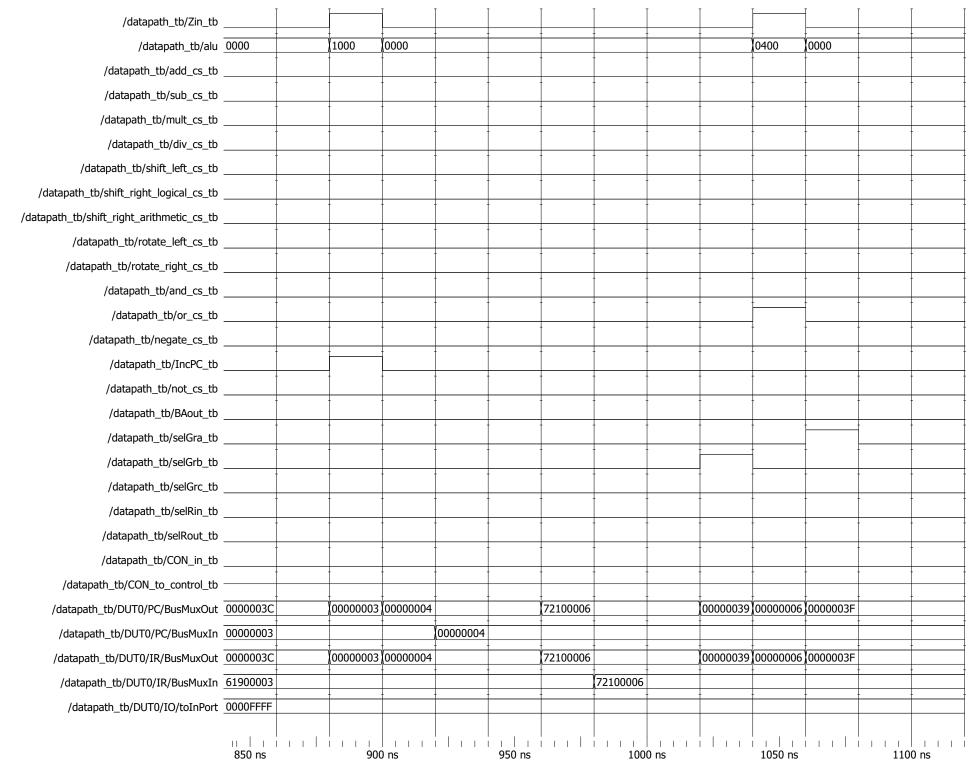




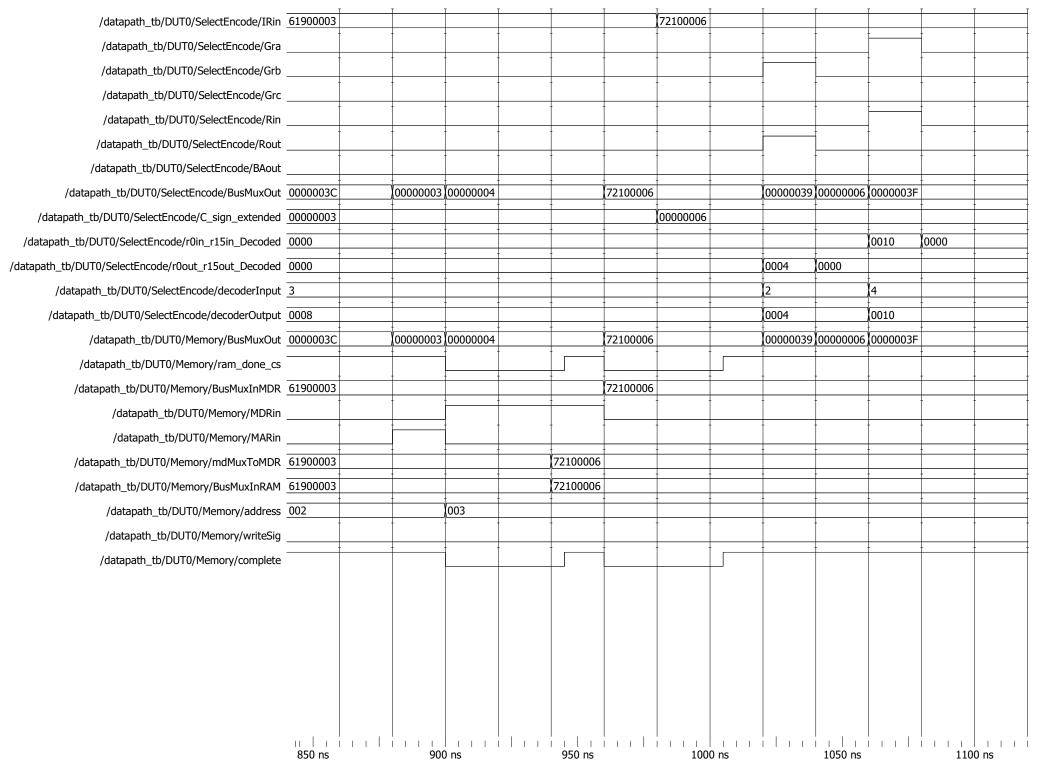
/datapath_tb/DUT0/IO/toOutPort	00000039			00000002	00000003			61900003			00000039	00000003	0000003C	
/datapath_tb/DUT0/IO/toBus	00000000	†	-			-					-			
/datapath_tb/DUT0/IO/toIO	00000000		-			-		-			-		-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R0	00000000	+	-			-			-		-		-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R1	000000C8	+				-			-		-		-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R2	(00000039	+		-							-		-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R3	00000000	-	-								-			0000003C
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R4	00000000	+		-							-		-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R5	00000000	+									-		-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R6	00000000		-			-			-		-		-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R7	00000000	+									-		-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R8	00000000										-		-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R9	00000000										-		-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R10	00000000		-								-			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R11	00000000										-			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R12	00000000										-		-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R13	00000000		-								-		-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R14	00000000		-			-	•				-		-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R15	00000000	-	-			-					-			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_HI	00000000	-									-		•	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_LO	00000000	-											•	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_Zhigh	XXXXXXX	+			00000000						-		XXXXXXX	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_Zlow	00000C9	+			00000003						-		000003C	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_PC	00000002	-				00000003					-		- +	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_MDR	00000039	+	-	•				61900003					•	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_InPort	00000000	+				-	•				-		-	
/datapath_tb/DUT0/Multiplexer/C_sign_extended	0000001	+				-	•		00000003		-		-	
/datapath_tb/DUT0/Multiplexer/encoderSignal	15	+		14	13	-		15			02	17	13	
/datapath_tb/DUT0/Multiplexer/BusMuxOut	00000039	+		00000002	00000003	-		61900003			00000039	00000003	0000003C	
	11 1 1 1	600		Ттт	650 ns			) ns		750 ns	1 1 1 1	 	 	1 1 1

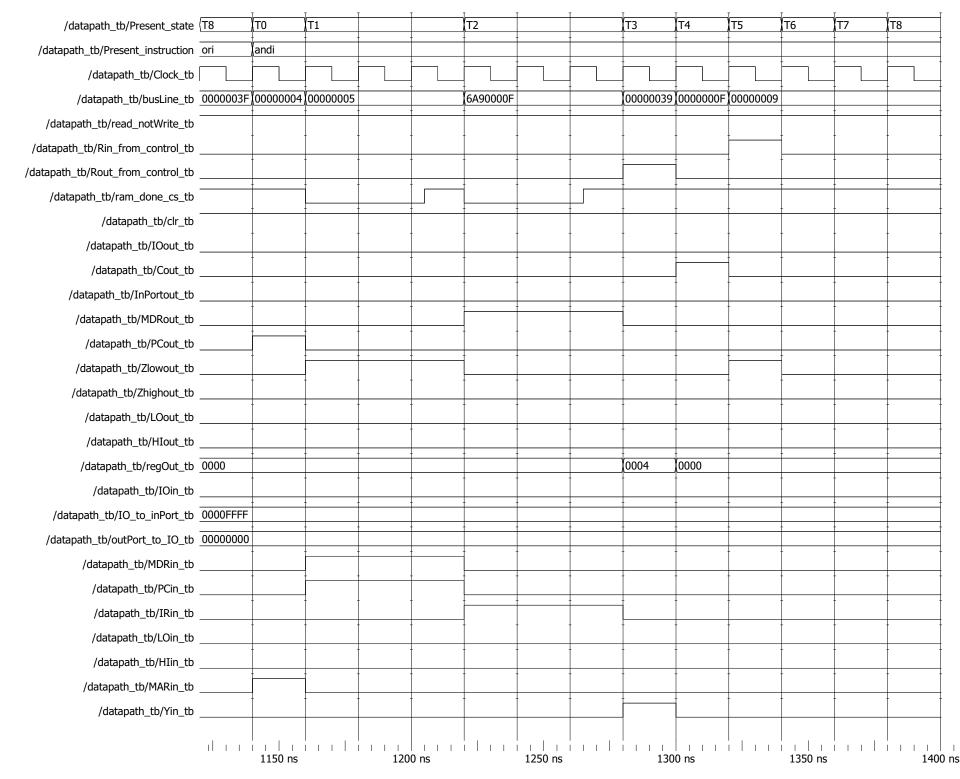


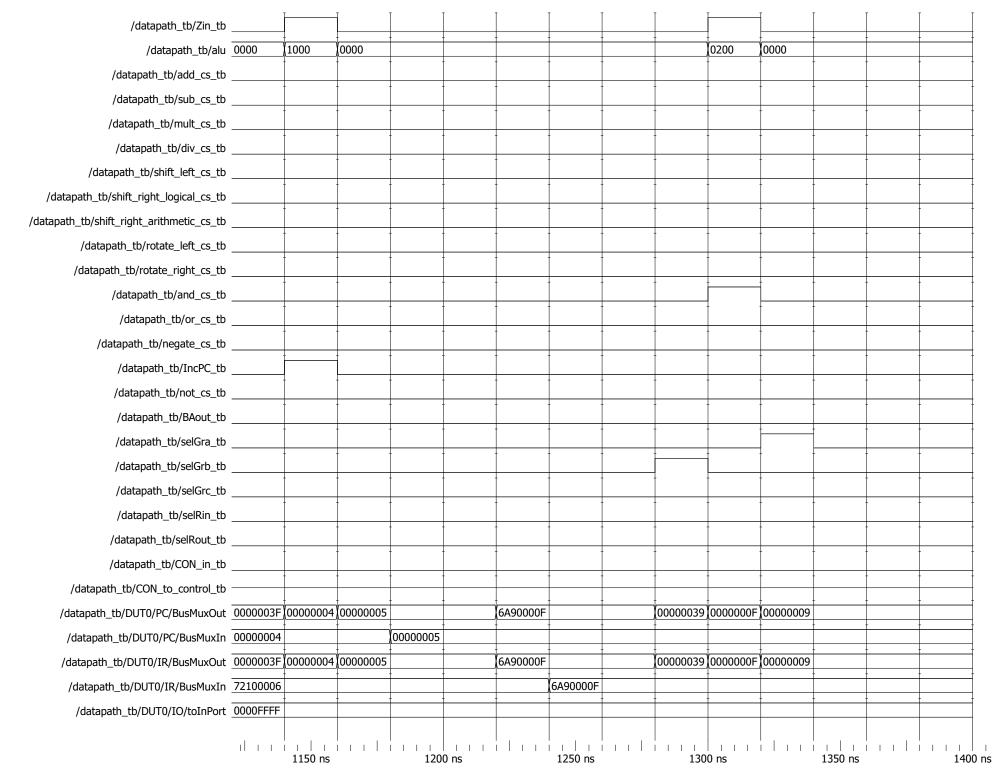




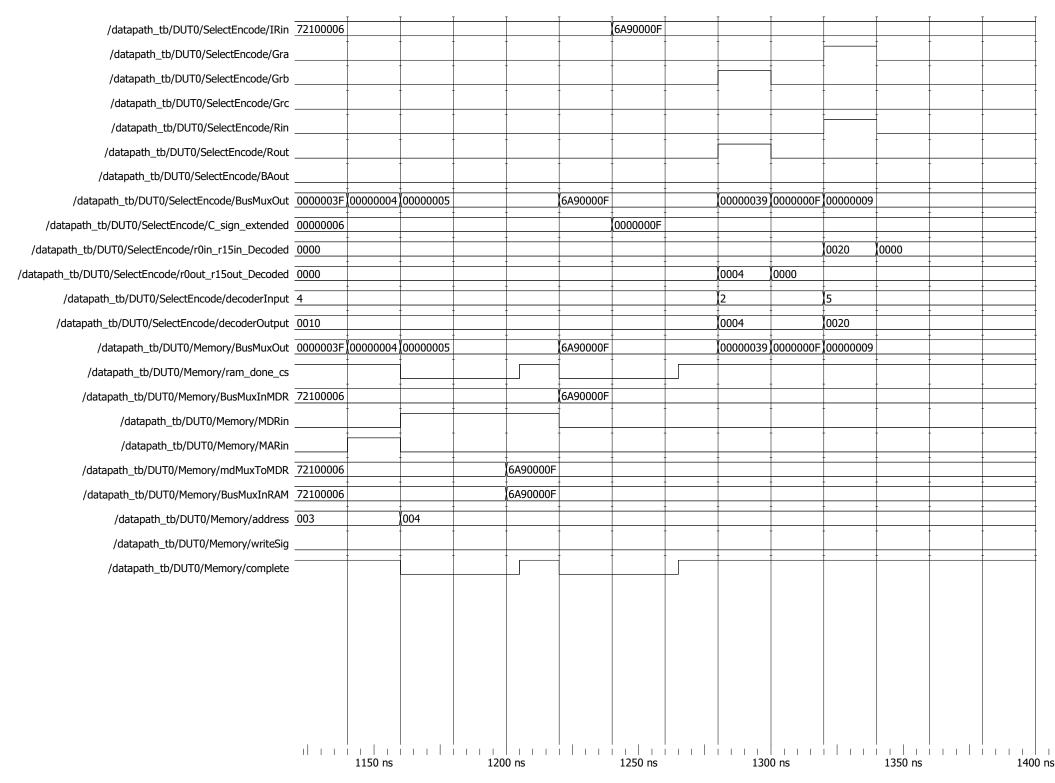
/datapath_tb/DUT0/IO/toOutPort	0000003C	00	0000003	00000004			72100006			00000039	00000006	0000003F		
/datapath_tb/DUT0/IO/toBus	00000000	-	-											
/datapath_tb/DUT0/IO/toIO	00000000		-					-					-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R0			-								-			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R1			-								-		-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R2	00000039	- +	-								-			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R3			-		-	-	-				-		-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R4	00000000	-	-					-				-	0000003F	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R5	00000000	-		-							-			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R6	00000000	-	-											
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R7	00000000	-	-					-	•				-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R8	00000000	-	-			•		-	• •				-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R9	00000000	-	-					-					-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R10	00000000	-	-					-					-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R11	00000000		-					-						
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R12	00000000							-						
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R13	00000000													
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R14	00000000													
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R15	00000000							-					-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_HI	00000000							-					-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_LO	00000000													
/datapath_tb/DUT0/Multiplexer/BusMuxIn_Zhigh	xxxxxxx			00000000					•					
/datapath_tb/DUT0/Multiplexer/BusMuxIn_Zlow	0000003C			00000004					•			0000003F		
/datapath_tb/DUT0/Multiplexer/BusMuxIn_PC	00000003		-		00000004				•					
/datapath_tb/DUT0/Multiplexer/BusMuxIn_MDR	61900003						72100006							
/datapath_tb/DUT0/Multiplexer/BusMuxIn_InPort	00000000			•	•	•	•			•				
/datapath_tb/DUT0/Multiplexer/C_sign_extended	00000003			•		•		00000006		•				
/datapath_tb/DUT0/Multiplexer/encoderSignal	13	12	1	13			15			02	17	13		
/datapath_tb/DUT0/Multiplexer/BusMuxOut	0000003C	(00	000003	00000004			72100006		-	00000039	0000006	0000003F		
	850 ns	1 1 1 1	900	) ns	1	950 ns		1000	)       O ns		∣		1100	) ns

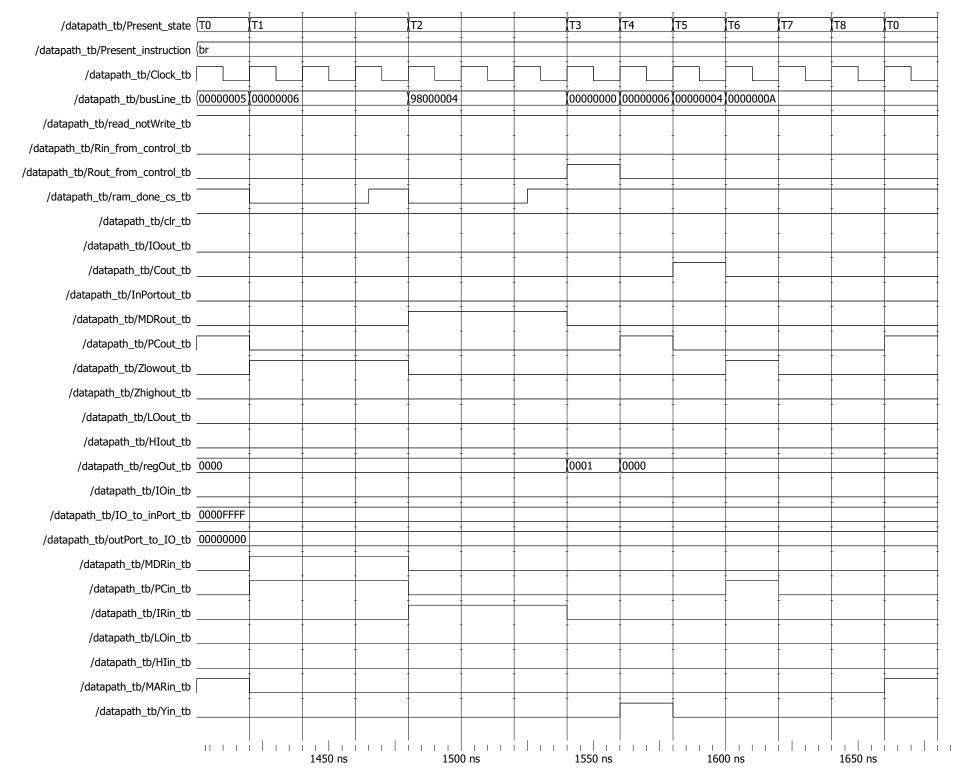


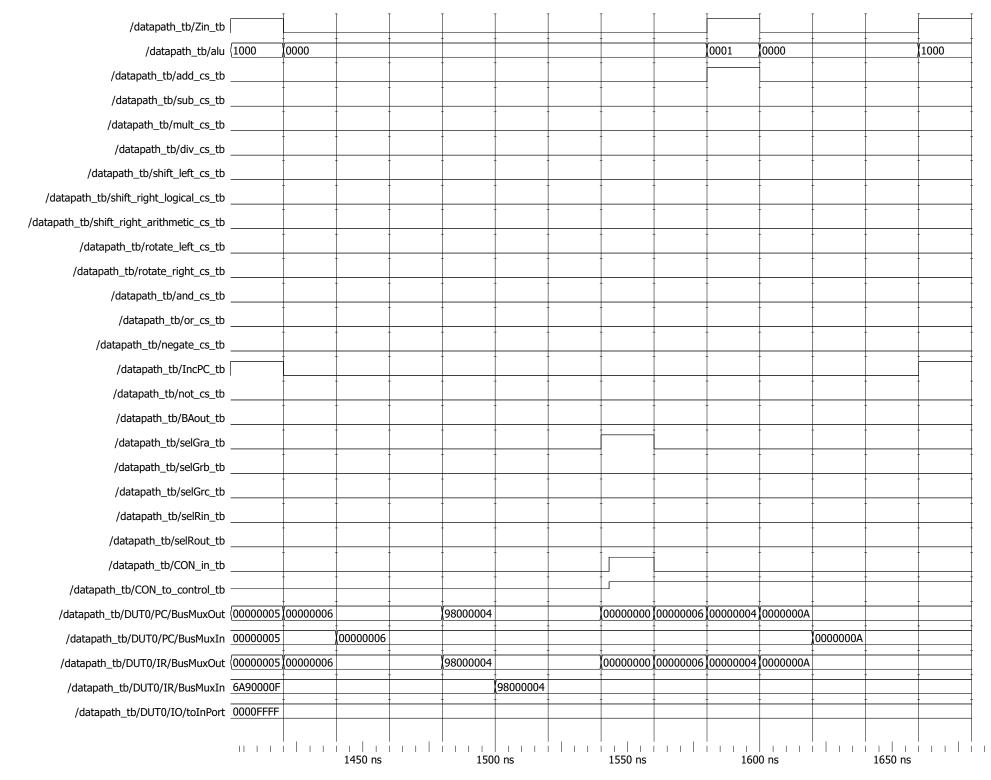




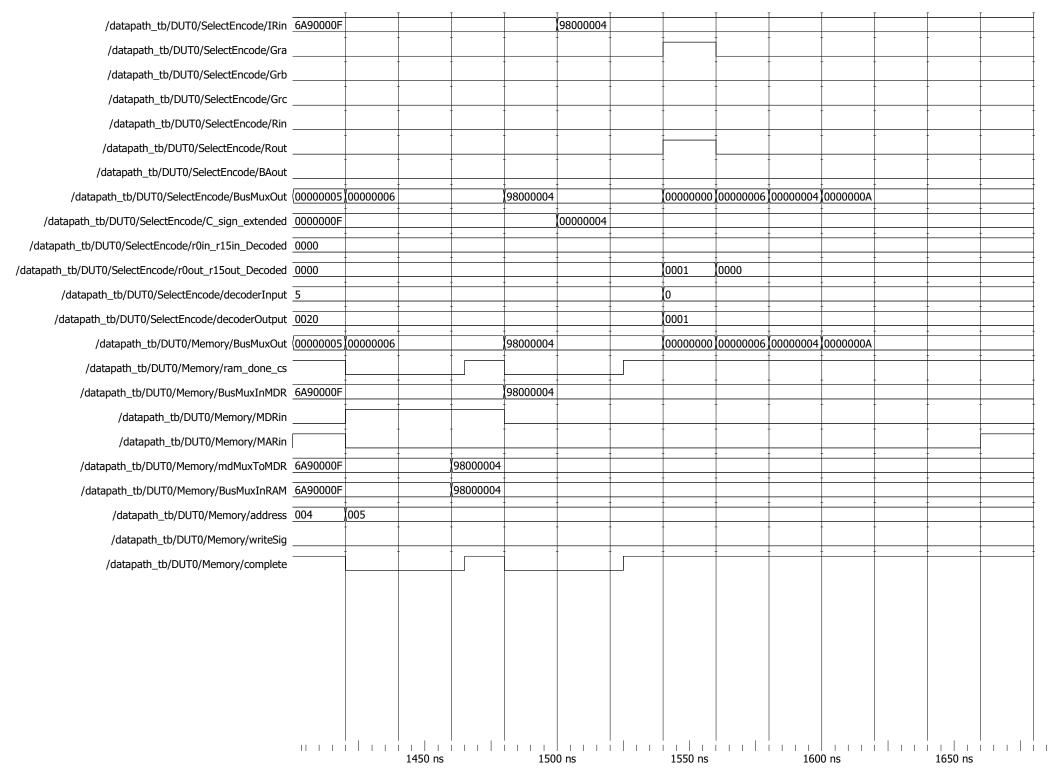
/datapath_tb/DUT0/IO/toOutPort	000003F	(00000004 <sup>T</sup>	(00000005			6A90000F	<del></del>		00000039	000000F	00000009			
/datapath_tb/DUT0/IO/toBus		1						<i>'</i>	<del></del>	<u> </u>				
/datapath_tb/DUT0/IO/toIO		+ +							+		+			
		+ +							# 7	<u> </u>	+			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R0		+				$\rightarrow$		'	#	<u> </u>				
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R1		+ +						'	+	<u> </u>				
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R2	00000039	+	<del></del>	<u> </u>	<del></del>	t	+	t'	<del></del>	<u> </u>	<del>  </del>	<del> </del>	;	<u> </u>
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R3	0000003C	<del></del>			<del></del>	+	+	'		<u> </u>	<del>-</del>			<del></del>
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R4	000003F							<del></del>			<u> </u>			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R5	00000000	+									<u> </u>	00000009		
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R6	00000000	<del></del>									<del></del>			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R7	00000000							<del>'</del>	<u> </u>		<u> </u>			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R8	00000000	ſ <u></u>	<u> </u>		i			!  !	<u> </u>	i	f	i		
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R9		1	<u> </u>		+	+	+		<del></del>					
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R10	-	+ +							<b>—</b>					
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R11	-		<del></del>						<del></del>		<b>†</b>			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R12	-	+ +							+ +		†	<del>-</del>		
	-	-	# # #	<b>=</b>	<del></del>		+		+		+ +			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R13	-	+ +		<b></b>	<del></del>	<u> </u>			+		<u> </u>	#		
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R14	-	+ +		<u></u>			<u>,                                    </u>	'						
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R15	-	+ +	<del></del>	<del></del>	<del></del>	<del> </del>	+	f'	<u> </u>	<u> </u>		<u> </u>		
/datapath_tb/DUT0/Multiplexer/BusMuxIn_HI	00000000	<del></del>							<u> </u>		<del>-</del>	<del>-</del>	,	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_LO	00000000	<u> </u>			1		1				1			
$/datapath\_tb/DUT0/Multiplexer/BusMuxIn\_Zhigh$	00000000	<u> </u>						<del></del>						
/datapath_tb/DUT0/Multiplexer/BusMuxIn_Zlow	000003F	<u> </u>	00000005					<del></del>			00000009			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_PC	00000004		<u> </u>	00000005	$\Box$									
/datapath_tb/DUT0/Multiplexer/BusMuxIn_MDR	72100006				<u> </u>	6A90000F	1		†		†			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_InPort	00000000		<u> </u>		<u> </u>				†	<u> </u>	f	<u> </u>		
/datapath_tb/DUT0/Multiplexer/C_sign_extended	-	+ +					0000000F	! 	+					
/datapath_tb/DUT0/Multiplexer/encoderSignal		+	13	<del></del>		15	+		02	17	13	+		
/datapath_tb/DUT0/Multiplexer/BusMuxOut	Ŧ	1 1	7 +		1	6A90000F		-	(00000039)	1	+			
/uatapati_tt/porty/ridiaplexer/pass taxeas	0000000	0000000	00000000		1	JASOUCU.	1		00000000	0000000	00000000		1	
		1150 ns		1200	[				1300		1111	1350 ns	1 1 1	 

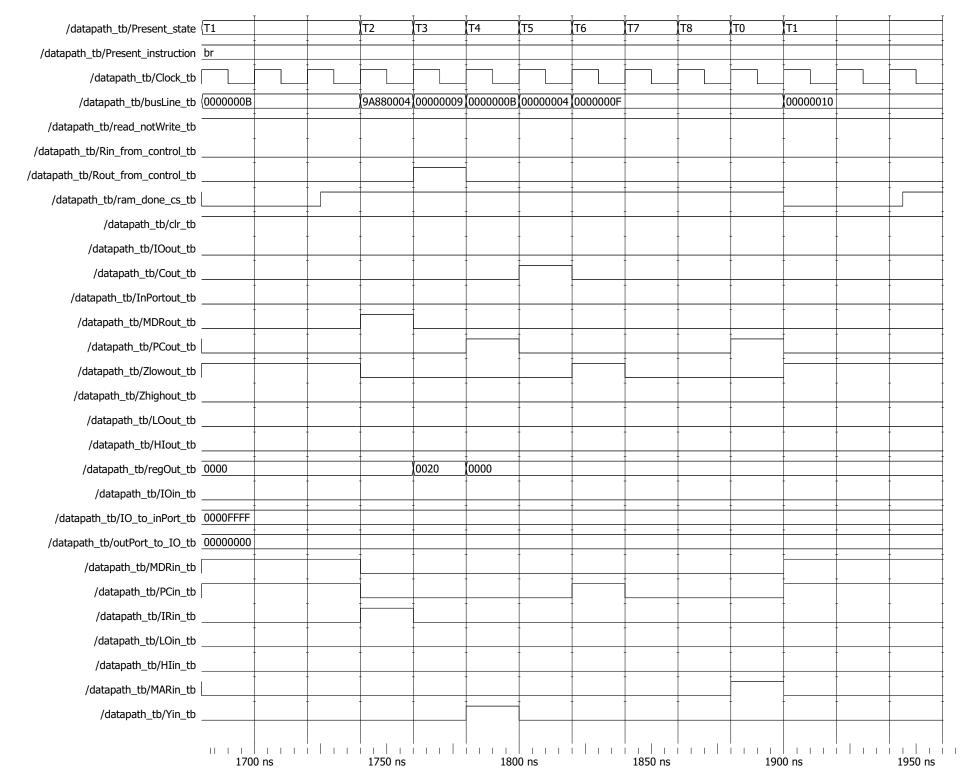


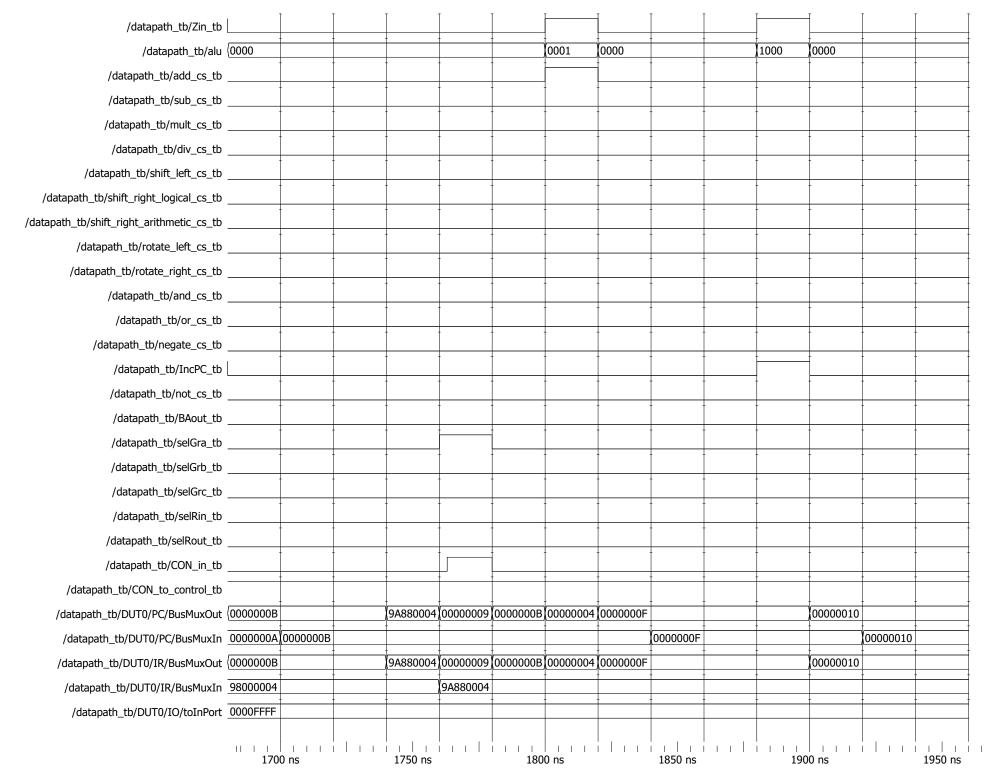




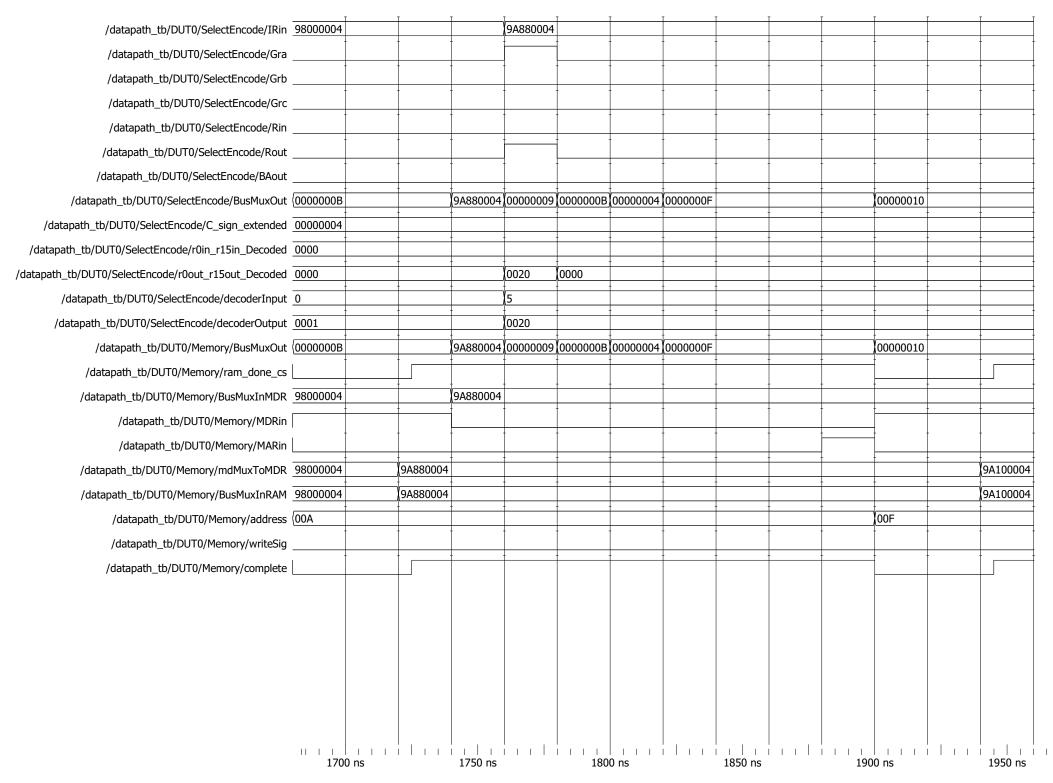
/datapath_tb/DUT0/IO/toOutPort	00000005	00000006			98000004			00000000	00000006	00000004	0000000A		-	
/datapath_tb/DUT0/IO/toBus											-			
/datapath_tb/DUT0/IO/toIO			-				-				-	-	-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R0		-	-								-	-		
					-					-		-	-	-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R1			-			-	-	-			-	-		
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R2				:	-		-					-	·	:
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R3		-		-		- +				-	-			-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R4	0000003F		-			- +					-		-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R5	00000009					- +					+ -			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R6	00000000										-			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R7	00000000													
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R8	00000000													
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R9	00000000	•		•									•	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R10	00000000			•										•
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R11	00000000			•		•					-			•
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R12	00000000					-					-		-	•
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R13	00000000		-								-	-		•
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R14	00000000													
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R15	00000000			• •										
/datapath_tb/DUT0/Multiplexer/BusMuxIn_HI	00000000													
/datapath_tb/DUT0/Multiplexer/BusMuxIn_LO	00000000	•	-	•		-	•				-			•
/datapath_tb/DUT0/Multiplexer/BusMuxIn_Zhigh	00000000					•					XXXXXXXX			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_Zlow	00000009	00000006									0000000A			•
/datapath_tb/DUT0/Multiplexer/BusMuxIn_PC	00000005		00000006	•								0000000A		•
/datapath_tb/DUT0/Multiplexer/BusMuxIn_MDR	6A90000F		-		98000004	•				•	-		•	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_InPort	00000000	•	-	•		•					-	-		•
/datapath_tb/DUT0/Multiplexer/C_sign_extended	000000F					00000004				-	-	-	•	
/datapath_tb/DUT0/Multiplexer/encoderSignal	(14	13			15	•		00	14	17	13			14
/datapath_tb/DUT0/Multiplexer/BusMuxOut	(00000005)	00000006			98000004	•		00000000	00000006	00000004	0000000A		•	
		Lii	 	ı ı I	150	 	111	1550 ns		160	0 ns		1650 ns	1.1

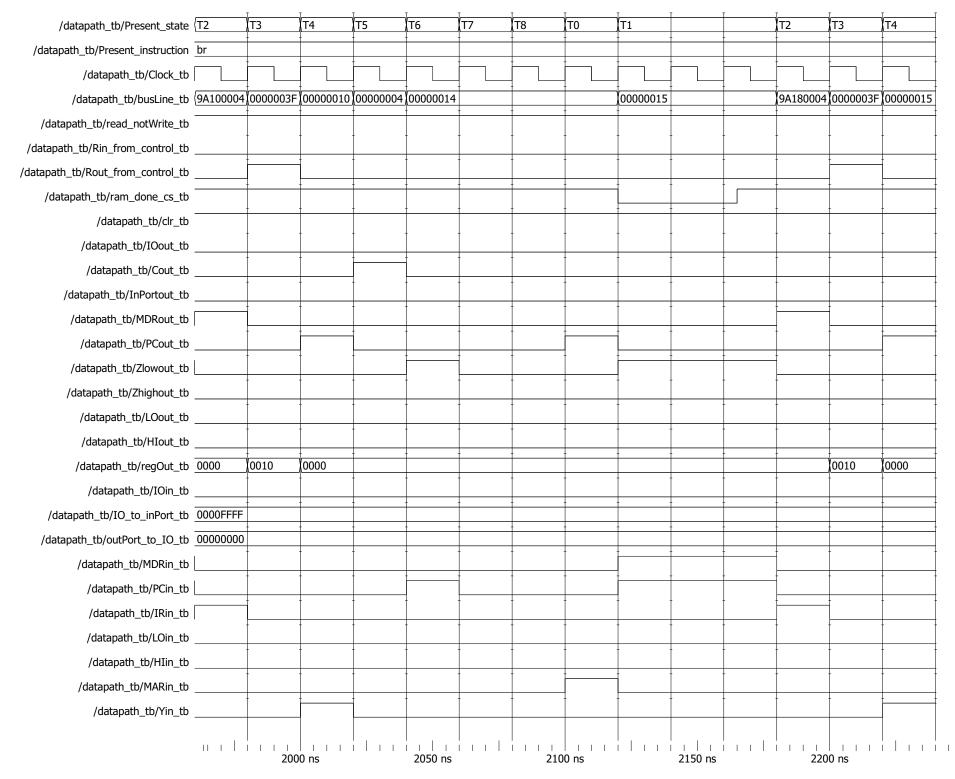


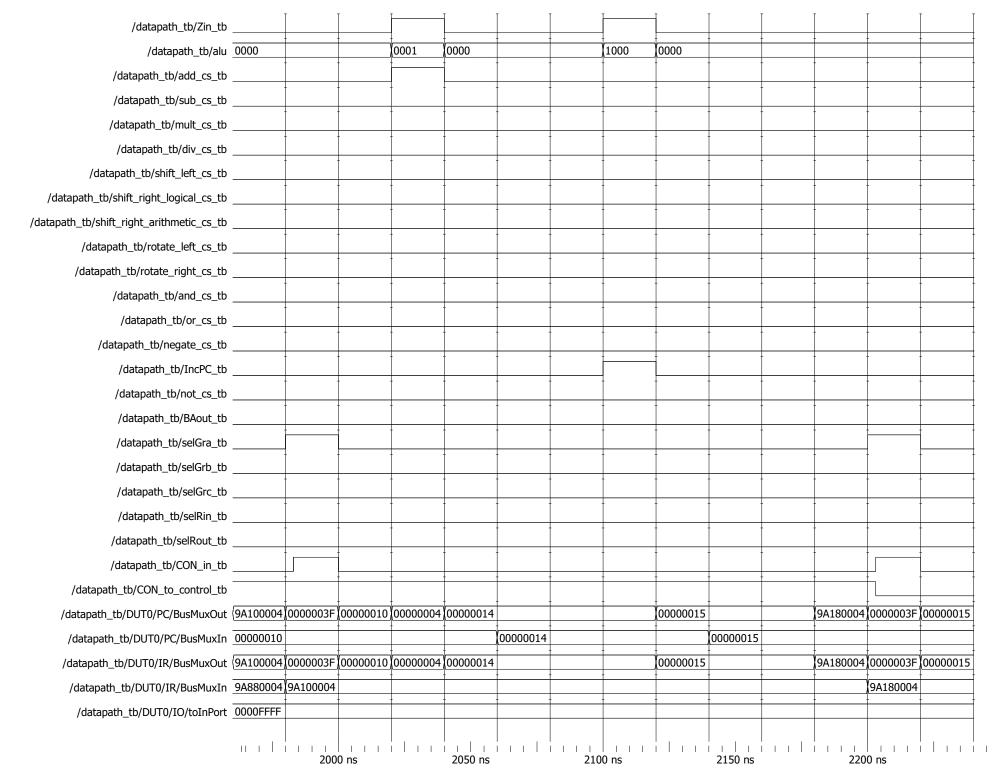




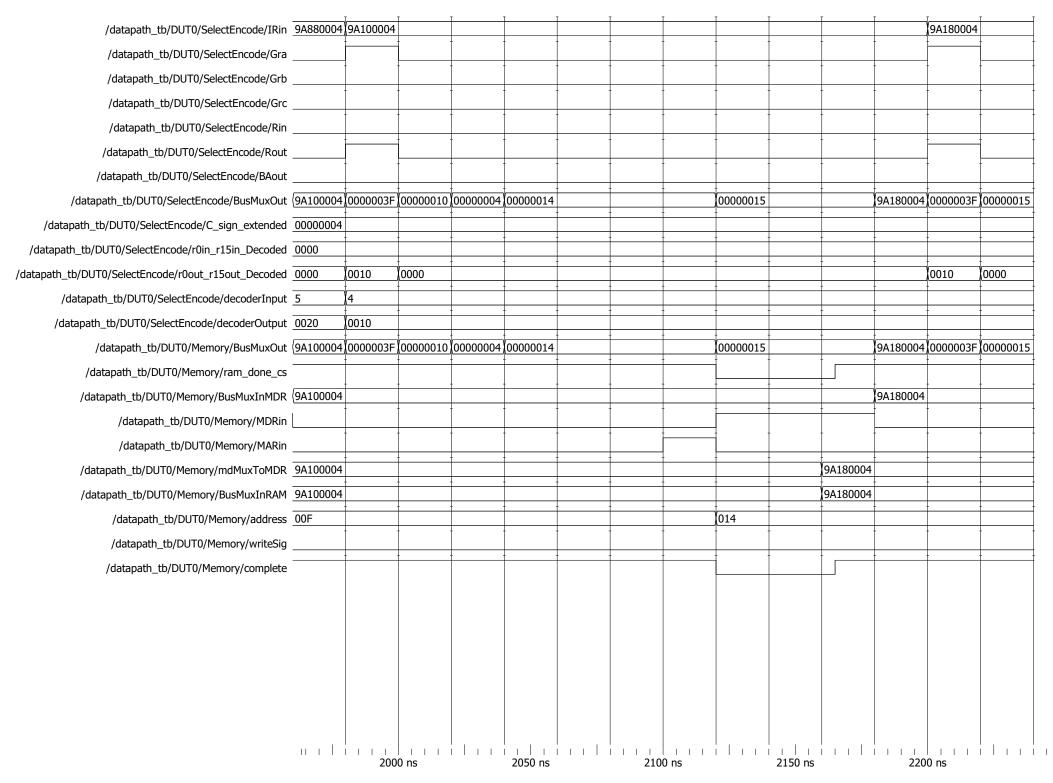
/datapath_tb/DUT0/IO/toOutPort 0000 /datapath_tb/DUT0/IO/toBus 000								0000000F			1	00000010		
	000000	+	1							-	1			
<u> </u>	+					-				-				
/datapath_tb/DUT0/IO/toIO 000	+	-								-	-			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R0 000	+	-					-			+	-			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R1 <u>000</u>	0000C8	-	-		-					+	-		. +	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R2 000	000039	+	-							+	-			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R3 000	00003C									-	_			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R4 000	00003F													
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R5 000	000009													
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R6 000	000000													
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R7 000	000000			-										
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R8 000	000000	-	-	•						+	-	-	-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R9 000	000000	+		•						-				
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R10 000	000000	-		•	-					-				
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R11 000	000000	-								-	-			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R12 000	000000	-								+	_	-	-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R13 000	000000	-	-							-	-			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R14 000	-	-	-							-	-			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R15 000	+	-								-				
/datapath_tb/DUT0/Multiplexer/BusMuxIn_HI 000	+	-								-				
/datapath_tb/DUT0/Multiplexer/BusMuxIn_LO 000	+	-	-							-	-			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_Zhigh (000	+	-	-					XXXXXXXX		-	Ý	00000000		
/datapath_tb/DUT0/Multiplexer/BusMuxIn_Zlow 0000	+	-	-					0000000F		-	1	00000010		
/datapath_tb/DUT0/Multiplexer/BusMuxIn_PC 000	<del> </del>	0000000B	-						0000000F	-			00000010	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_MDR 980	+	-		9A880004						-	_		-	-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_InPort 000	-	+											-	
/datapath_tb/DUT0/Multiplexer/C_sign_extended 000	+	-	_							-				
/datapath_tb/DUT0/Multiplexer/encoderSignal 13	+	-	<u> </u>	15	05	14	17	13		V 1	14	13	-	
/datapath_tb/DUT0/Multiplexer/BusMuxOut \( \bar{000} \)	+	-	1		00000009							00000010		
/datapati_tb/DoTo/Multiplexer/busMuxOut_000	000000				00000009	COOOOOO	0000000	COOOOOF				00000010		
H.	1700		1 1 1 1	⊢	111	 			1850 ns	1111	1900	 	1 1 1 1	1950 ns

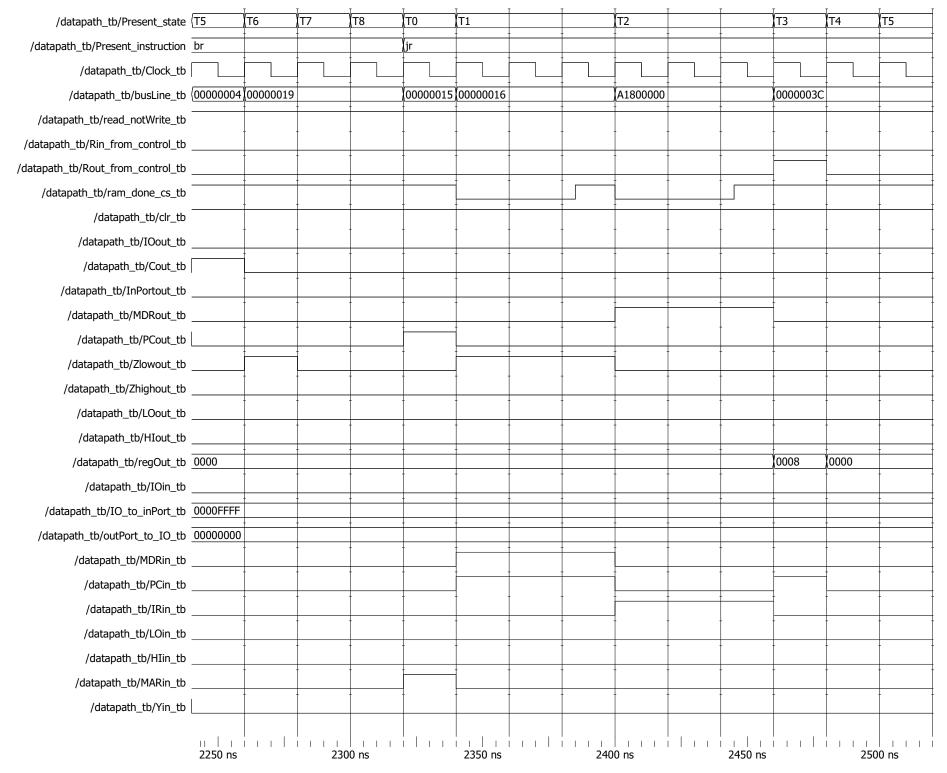


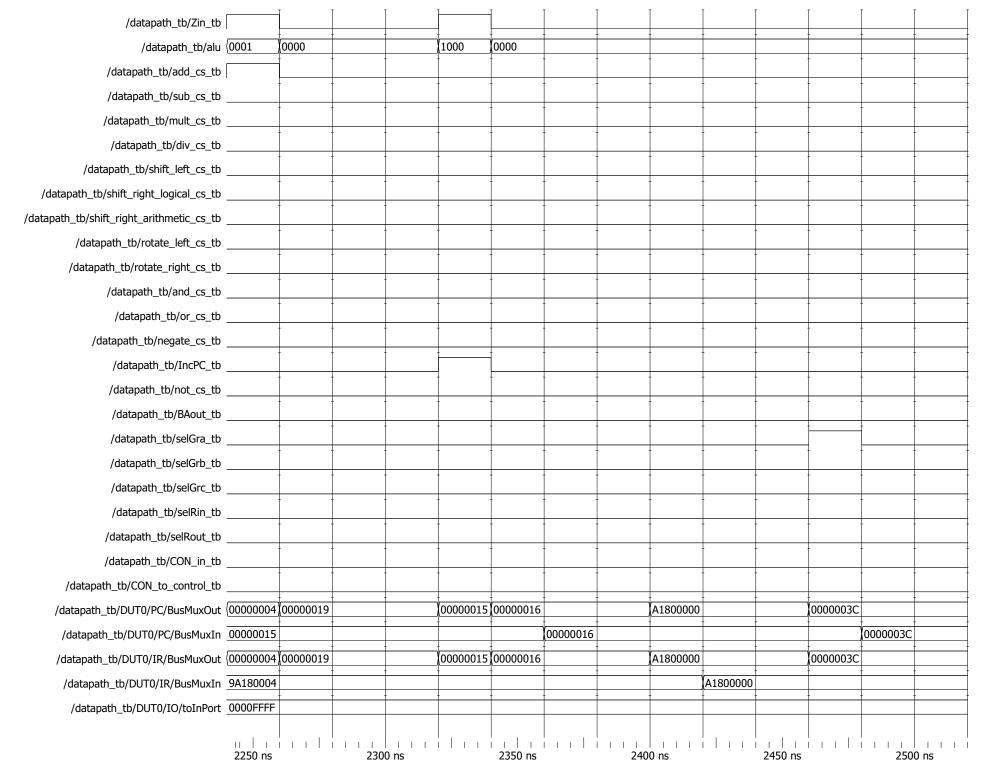




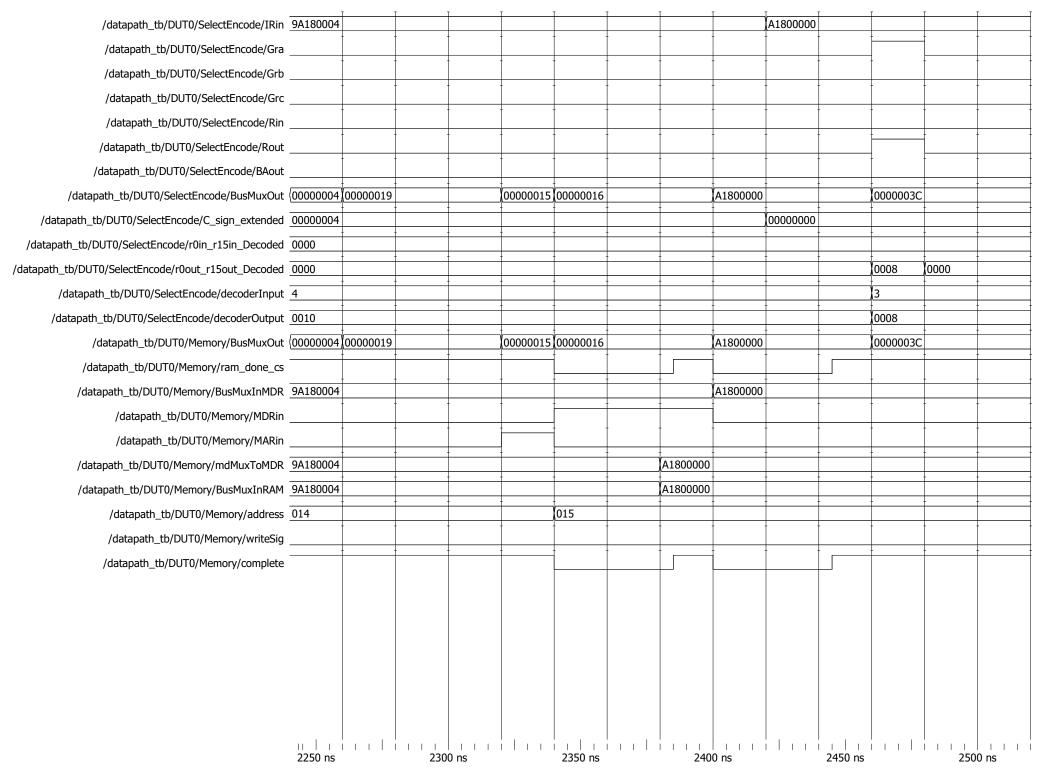
/datapath_tb/DUT0/IO/toOutPort	(9A100004)	000003F	00000010	00000004	00000014				00000015			9A180004	000003F	00000015
/datapath_tb/DUT0/IO/toBus						-							-	
/datapath_tb/DUT0/IO/toIO		-				-	-						-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R0							-						-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R1						-				-		-	-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R2		-			-	-	-	-	-	-			-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R3			:	-	:	-	-			-	:		-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R4		: -	:	-	:	-	-	: -		-				
		-	-		-		-		-	-			-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R5				-		-	-		:	-			-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R6							-							
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R7														
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R8							-			-				
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R9	00000000													
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R10	00000000													
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R11	00000000						-							
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R12	00000000													
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R13	00000000													
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R14	00000000													
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R15	00000000													
/datapath_tb/DUT0/Multiplexer/BusMuxIn_HI	00000000													
/datapath_tb/DUT0/Multiplexer/BusMuxIn_LO	00000000													
/datapath_tb/DUT0/Multiplexer/BusMuxIn_Zhigh	00000000				XXXXXXXX				00000000					
/datapath_tb/DUT0/Multiplexer/BusMuxIn_Zlow	00000010				00000014				00000015					
/datapath_tb/DUT0/Multiplexer/BusMuxIn_PC	00000010					00000014			1	00000015				
/datapath_tb/DUT0/Multiplexer/BusMuxIn_MDR	9A100004											9A180004		
/datapath_tb/DUT0/Multiplexer/BusMuxIn_InPort	00000000			-					•		,			
/datapath_tb/DUT0/Multiplexer/C_sign_extended	00000004	-				-			-				-	
/datapath_tb/DUT0/Multiplexer/encoderSignal	15	04	14	17	13	-		14	13			15	04	14
/datapath_tb/DUT0/Multiplexer/BusMuxOut	9A100004	0000003F	00000010	00000004	00000014	-			00000015	-		9A180004	0000003F	00000015
	11 1 1	2000		 	2050 ns		2100		111	2150 ns	1 1 1		 	1 1 1 1

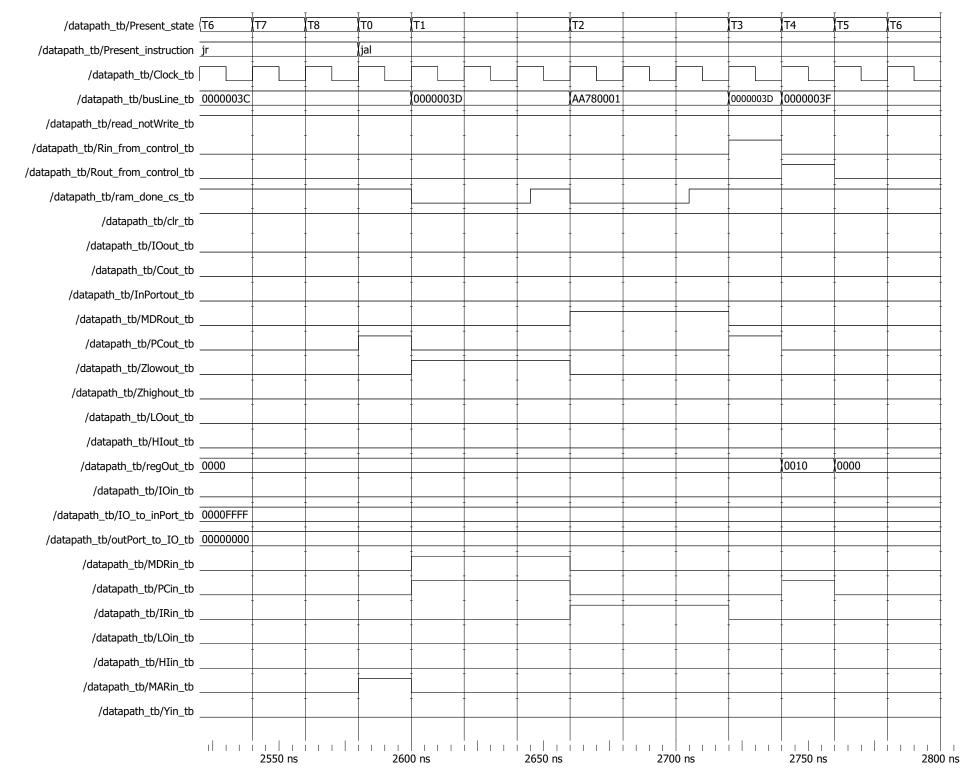


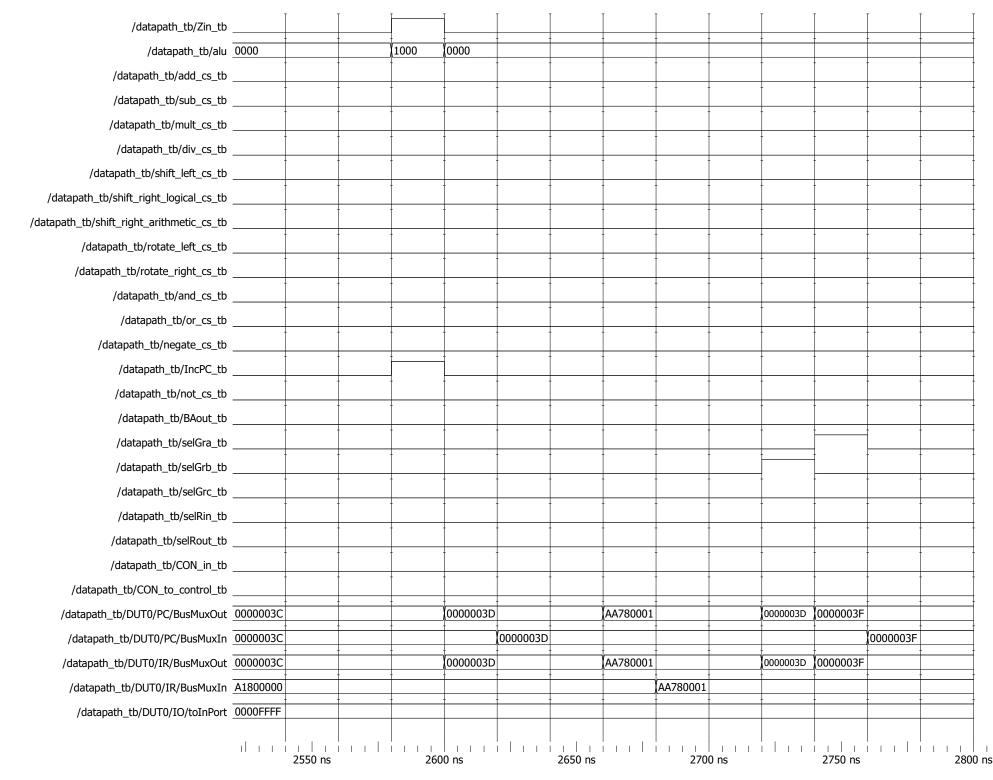




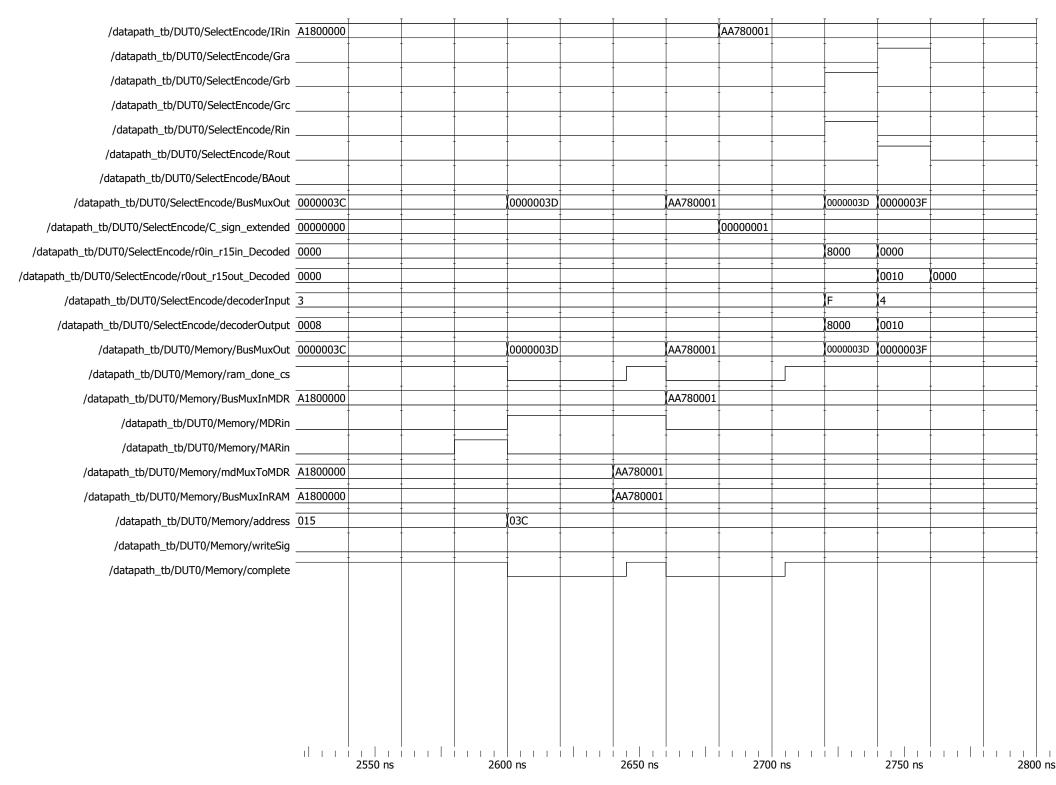
/datapath_tb/DUT0/IO/toOutPort	(00000004)	00000019		•	00000015	00000016			A1800000			0000003C		
/datapath_tb/DUT0/IO/toBus		-	-	-								-		-
/datapath_tb/DUT0/IO/toIO			-											
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R0		-	-					-				-		-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R1			-											-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R2		-		-						-		-	-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R3		-		-				-	-	-		-	-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R4		-	-	:			-			-		-	-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R5												-		
		-	_	:								-	-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R6			-			-		-		-		-	-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R7				-						-				
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R8	00000000			-								<u> </u>		
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R9	00000000													
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R10	00000000													
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R11	00000000													
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R12	00000000													
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R13	00000000			•							·			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R14	00000000			•										
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R15	00000000			•										
/datapath_tb/DUT0/Multiplexer/BusMuxIn_HI	00000000			·										
/datapath_tb/DUT0/Multiplexer/BusMuxIn_LO	00000000			•							'			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_Zhigh	00000000	xxxxxxx		•		00000000								
/datapath_tb/DUT0/Multiplexer/BusMuxIn_Zlow	00000015	00000019		•		00000016								
/datapath_tb/DUT0/Multiplexer/BusMuxIn_PC	00000015			•			00000016						0000003C	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_MDR	9A180004			-					A1800000			•		
/datapath_tb/DUT0/Multiplexer/BusMuxIn_InPort	00000000			•								<u> </u>		
/datapath_tb/DUT0/Multiplexer/C_sign_extended	00000004	-		•						00000000		<u> </u>		
/datapath_tb/DUT0/Multiplexer/encoderSignal	[17]	13			14	13			15			03		
/datapath_tb/DUT0/Multiplexer/BusMuxOut	(00000004)	00000019	-	-	00000015	00000016			A1800000			0000003C		
	2250 ns		2300		 	2350 ns			0 ns			 	2500	) ns

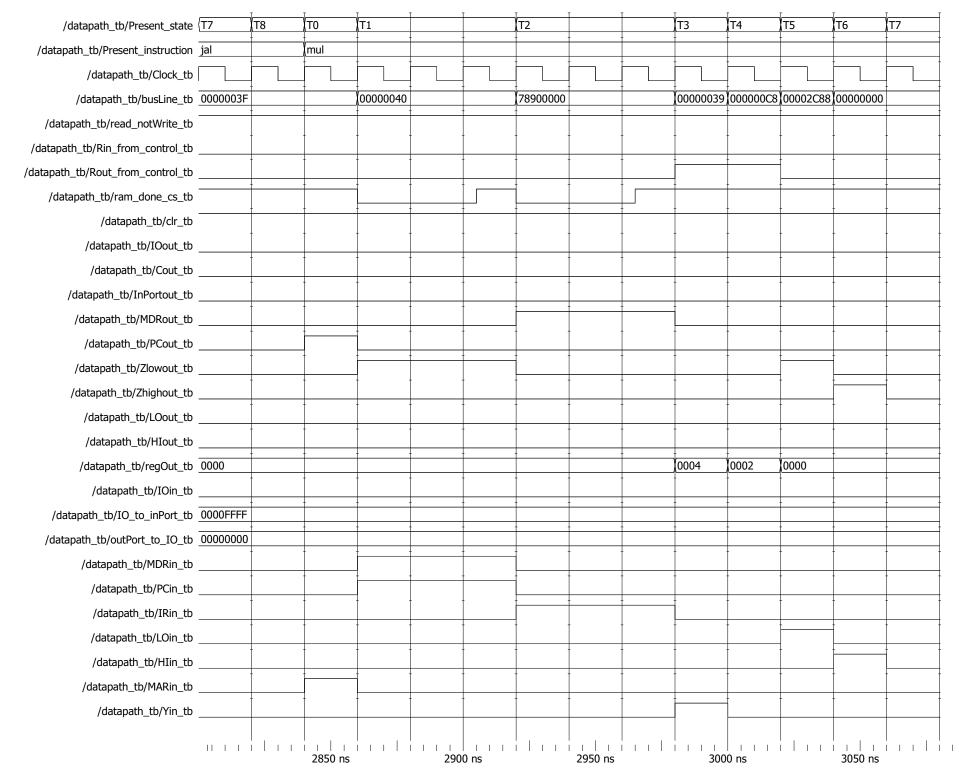


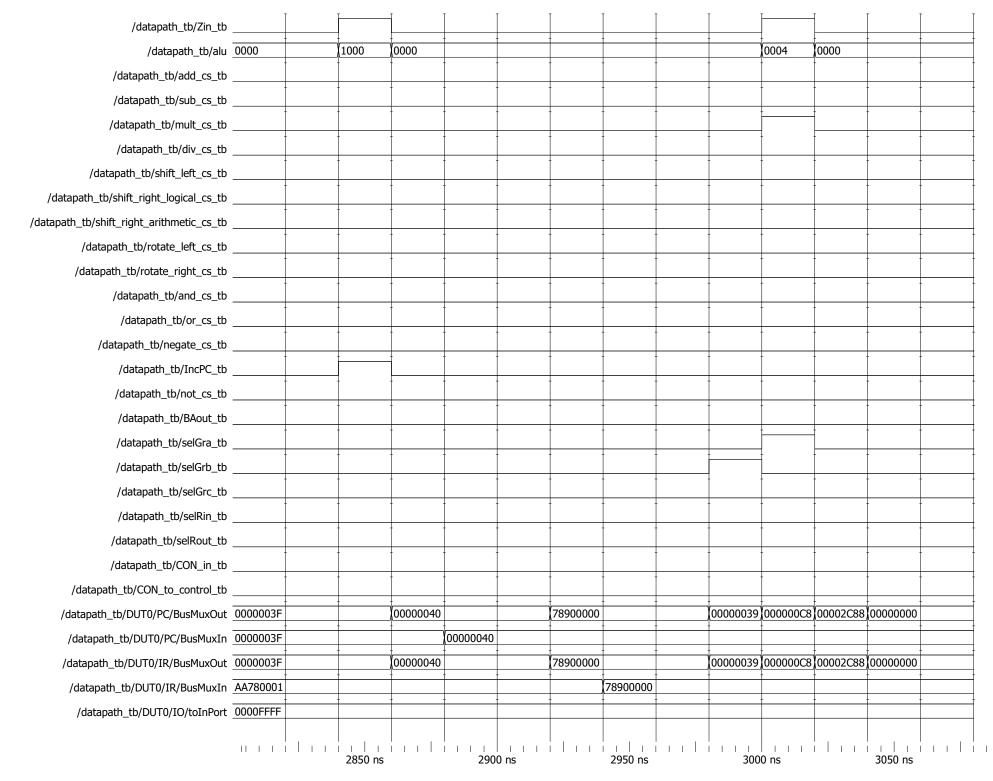




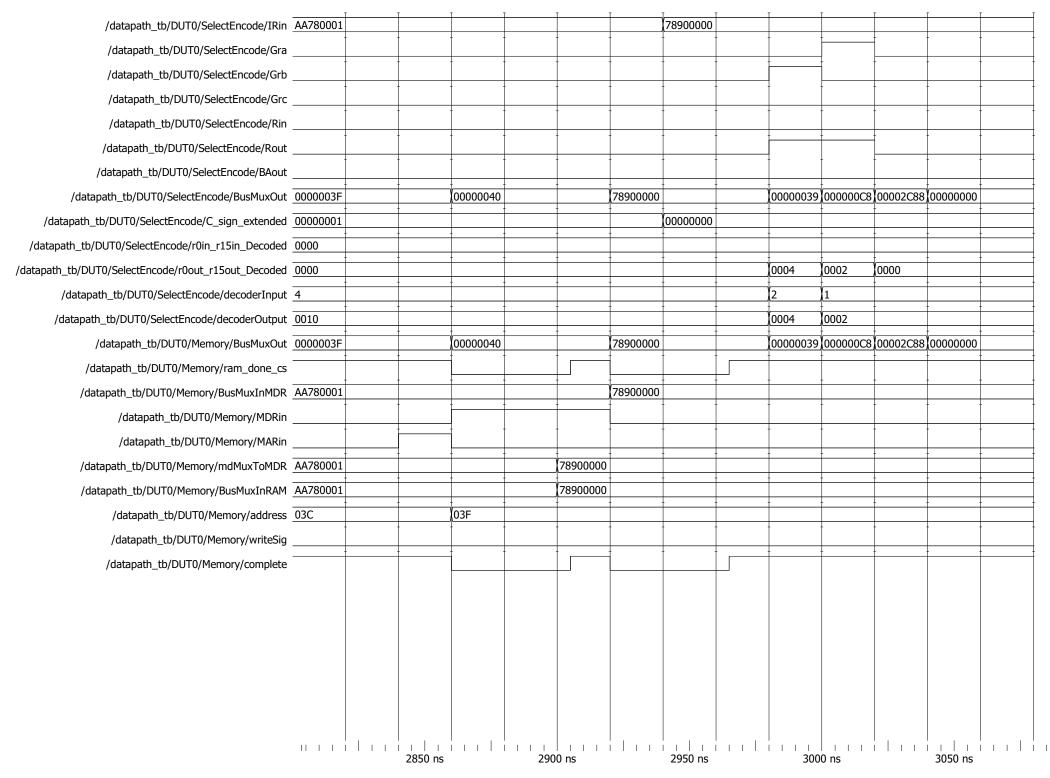
/datapath_tb/DUT0/IO/toOutPort	0000003C				0000003D			AA780001			0000003D	0000003F	
/datapath_tb/DUT0/IO/toBus	00000000								-	•			
/datapath_tb/DUT0/IO/toIO	00000000	1	-		-		•						-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R0		+							-			-	+
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R1			-							:		-	-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R2			-						-			-	-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R3		-	-						-			-	-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R4		-			-			-				-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R5	-	-	-									-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R6			-						-				-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R7	-		_										
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R8	-		-						-				-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R9													
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R10	-												-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R11	-												-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R12	-												-
	-											-	-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R13	+											-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R14	+								-			V00000000	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R15	-											0000003D	-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_HI	+						,					-	-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_LO									-				
/datapath_tb/DUT0/Multiplexer/BusMuxIn_Zhigh	+											-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_Zlow					0000003D				-			-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_PC	000003C		-			0000003D						+	0000003F
/datapath_tb/DUT0/Multiplexer/BusMuxIn_MDR	A1800000							AA780001					
/datapath_tb/DUT0/Multiplexer/BusMuxIn_InPort	00000000												
/datapath_tb/DUT0/Multiplexer/C_sign_extended	00000000								00000001			+	
/datapath_tb/DUT0/Multiplexer/encoderSignal	03			14	13			15			14	04	
/datapath_tb/DUT0/Multiplexer/BusMuxOut	000003C				0000003D			AA780001			0000003D	000003F	
	1 1 1 1	2550 ns	1 1 1 1	260		1 1 1 1		 	2700		 	2750 ns	 

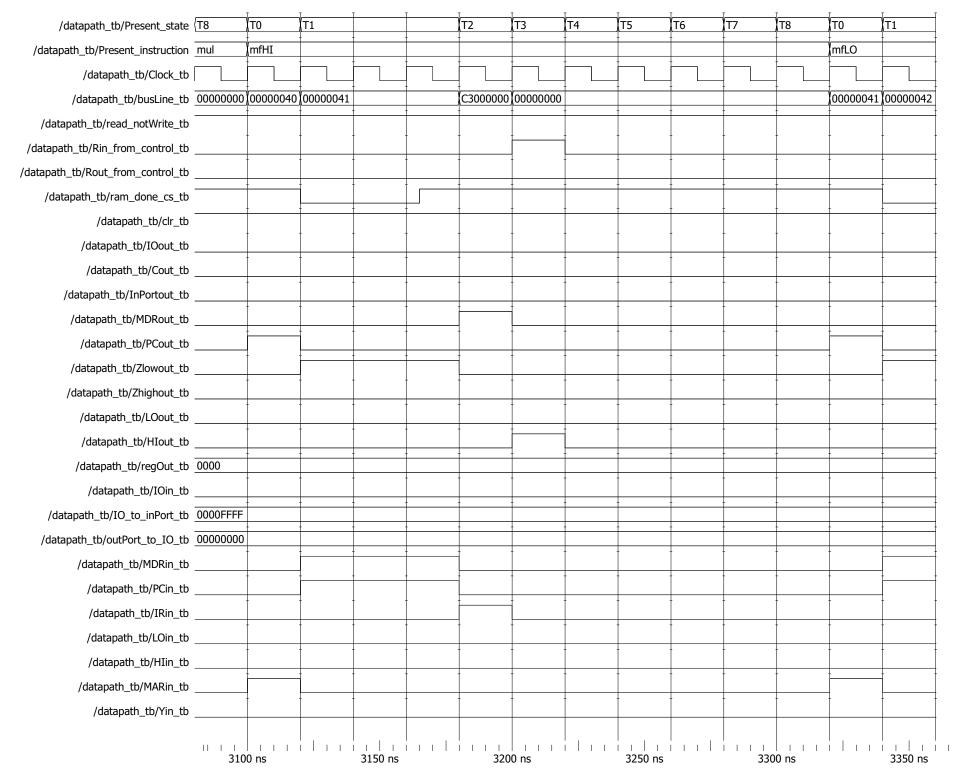


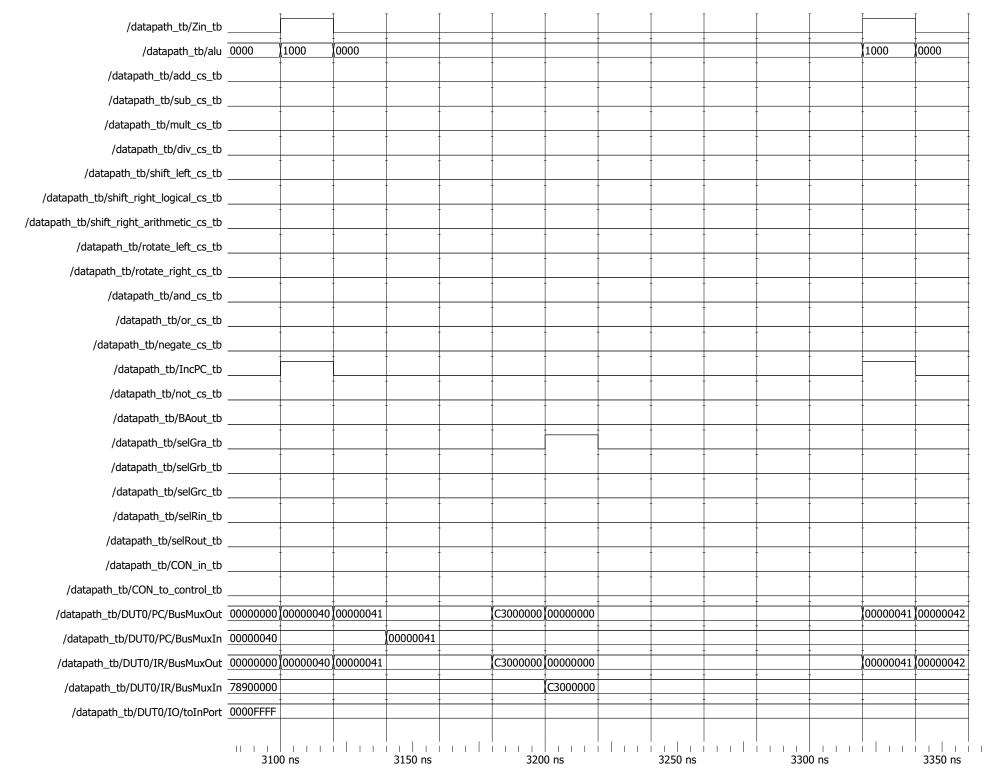




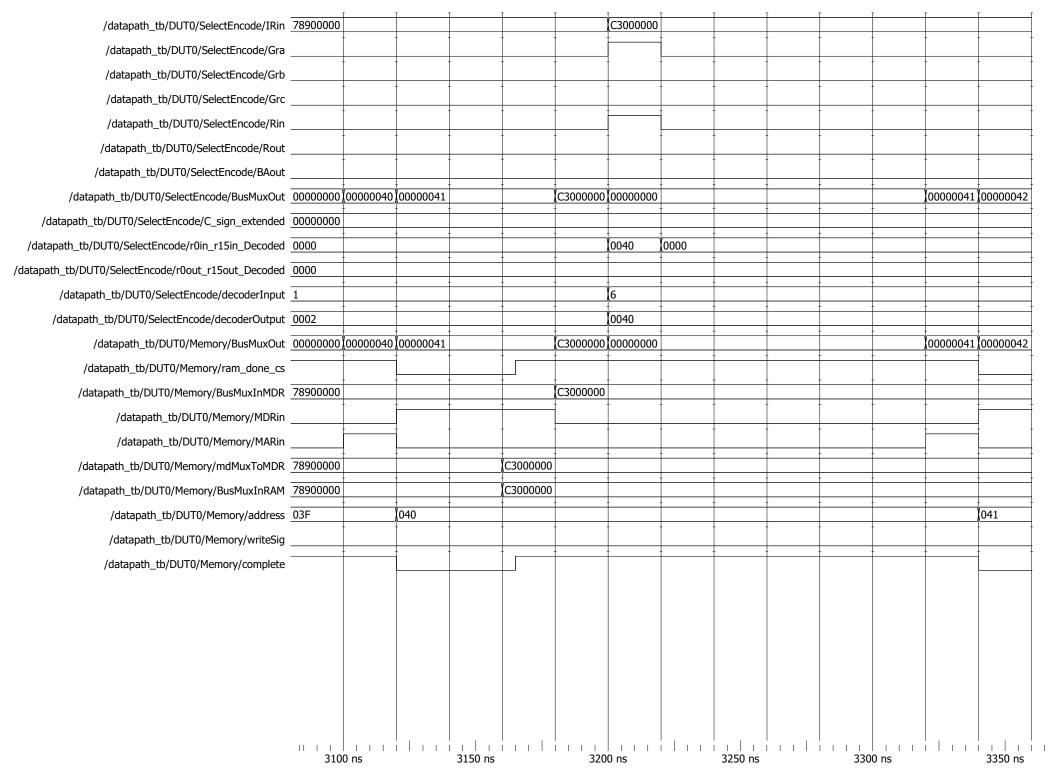
/datapath_tb/DUT0/IO/toOutPort	0000003F		00000040			78900000		00000039	000000C8	00002C88	00000000	
/datapath_tb/DUT0/IO/toBus	00000000	•		-		•					-	
/datapath_tb/DUT0/IO/toIO	00000000	•	-	-		•					-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R0	00000000			-		-	-				-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R1	000000C8			-	-		-		-		-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R2	00000039			-	-	-			-		-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R3	0000003C	-	-	-	-	-				-	-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R4	0000003F	-	-	-	-	-				-	-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R5	00000009	-	-	-	-	-				-	-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R6	00000000			+	-				-		-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R7	00000000	-	-	-	-							
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R8	00000000			-								
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R9	00000000										-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R10	00000000										-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R11	00000000			-								
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R12	00000000				•						-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R13	00000000			-								
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R14	00000000			-								
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R15	0000003D										-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_HI	00000000			-								
/datapath_tb/DUT0/Multiplexer/BusMuxIn_LO	00000000			-							00002C88	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_Zhigh	00000000			-								
/datapath_tb/DUT0/Multiplexer/BusMuxIn_Zlow	0000003D		00000040	-						00002C88		
/datapath_tb/DUT0/Multiplexer/BusMuxIn_PC	000003F			00000040								
/datapath_tb/DUT0/Multiplexer/BusMuxIn_MDR	AA780001	•		-		78900000						
/datapath_tb/DUT0/Multiplexer/BusMuxIn_InPort	00000000	•		-		•						
/datapath_tb/DUT0/Multiplexer/C_sign_extended	00000001		-				00000000				-	
/datapath_tb/DUT0/Multiplexer/encoderSignal	04	14	13			15		02	01	13	12	
/datapath_tb/DUT0/Multiplexer/BusMuxOut	0000003F		00000040			78900000		00000039	000000C8	00002C88	00000000	
		2850 ns		2900		Ттт	2950 ns		0 ns	111	3050 ns	1 1 1

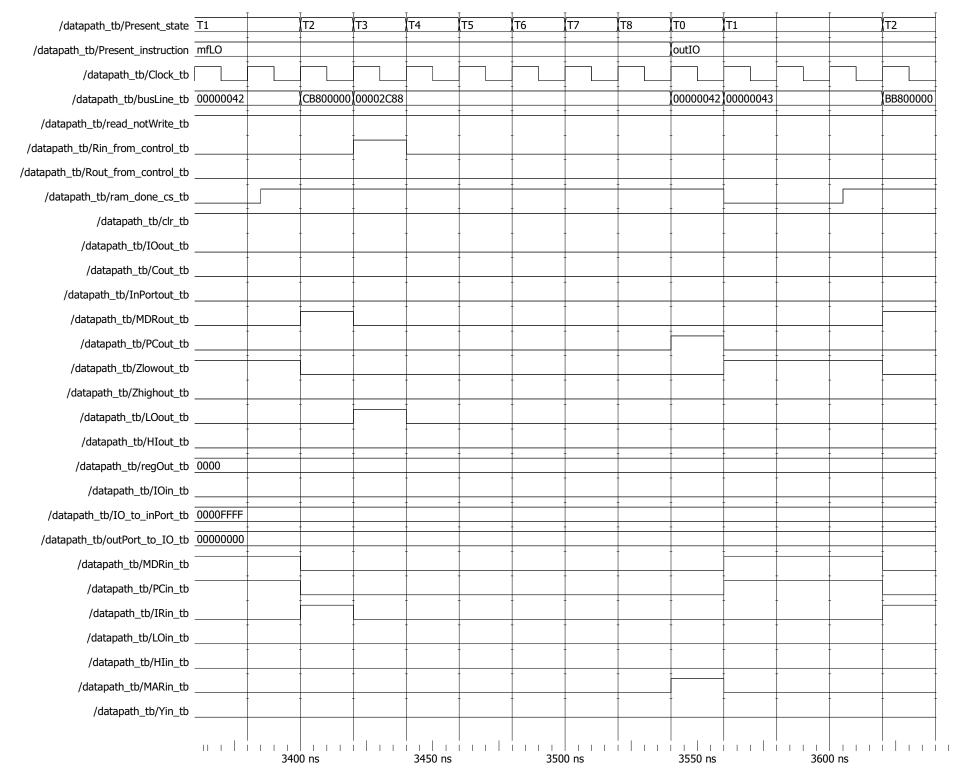


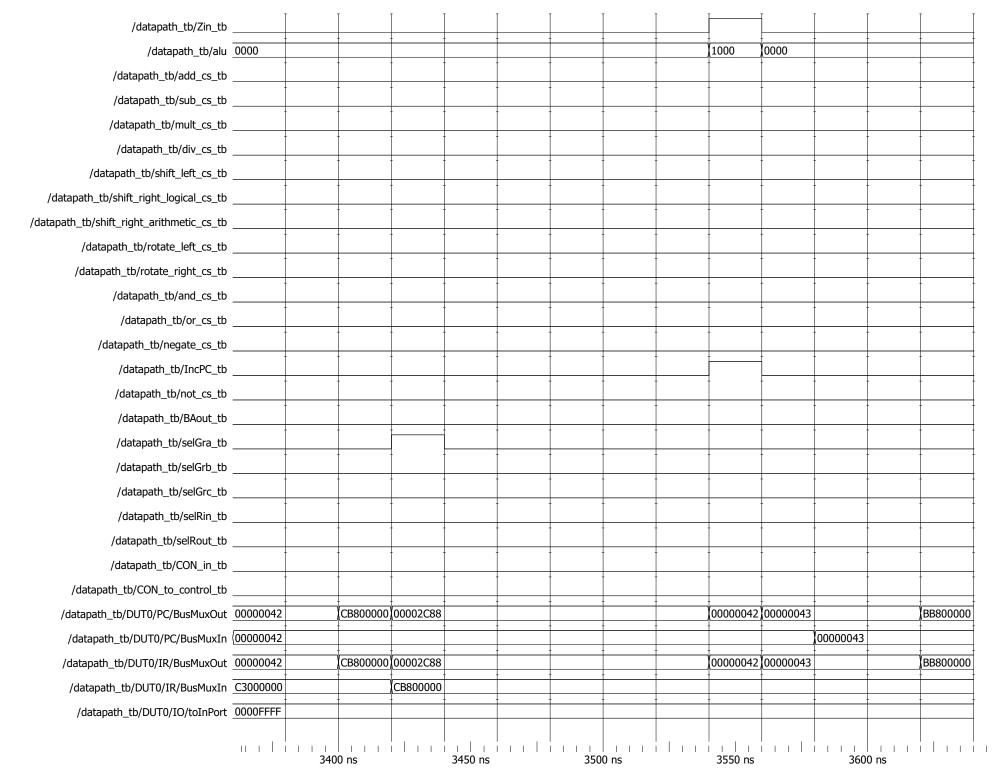


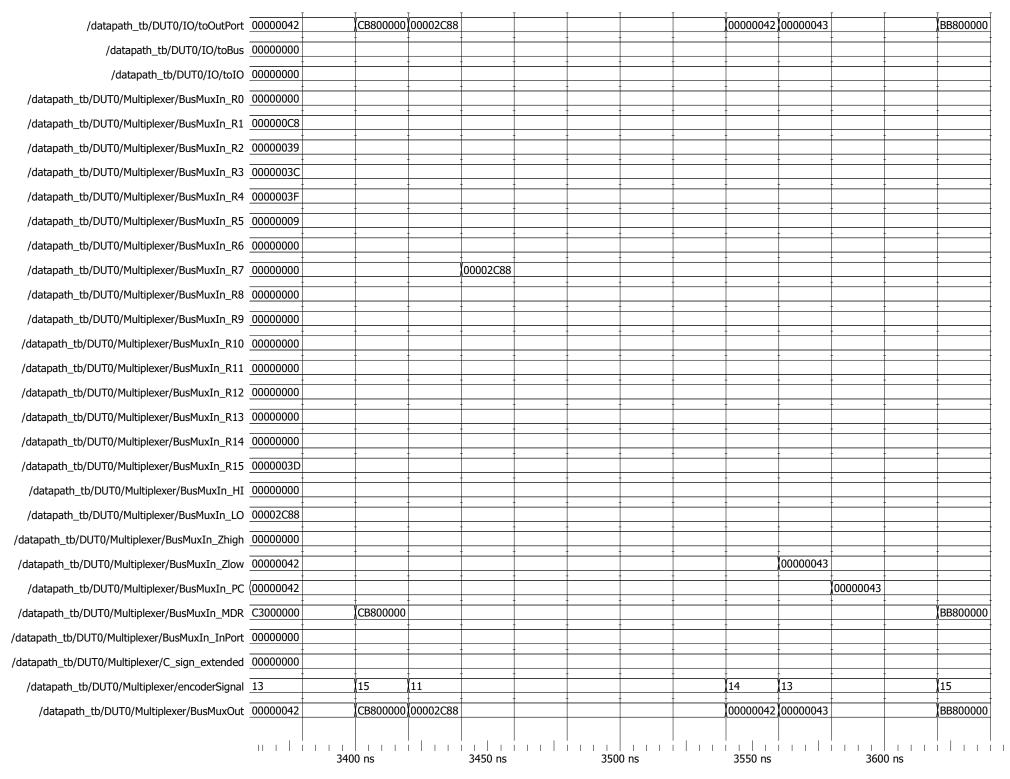


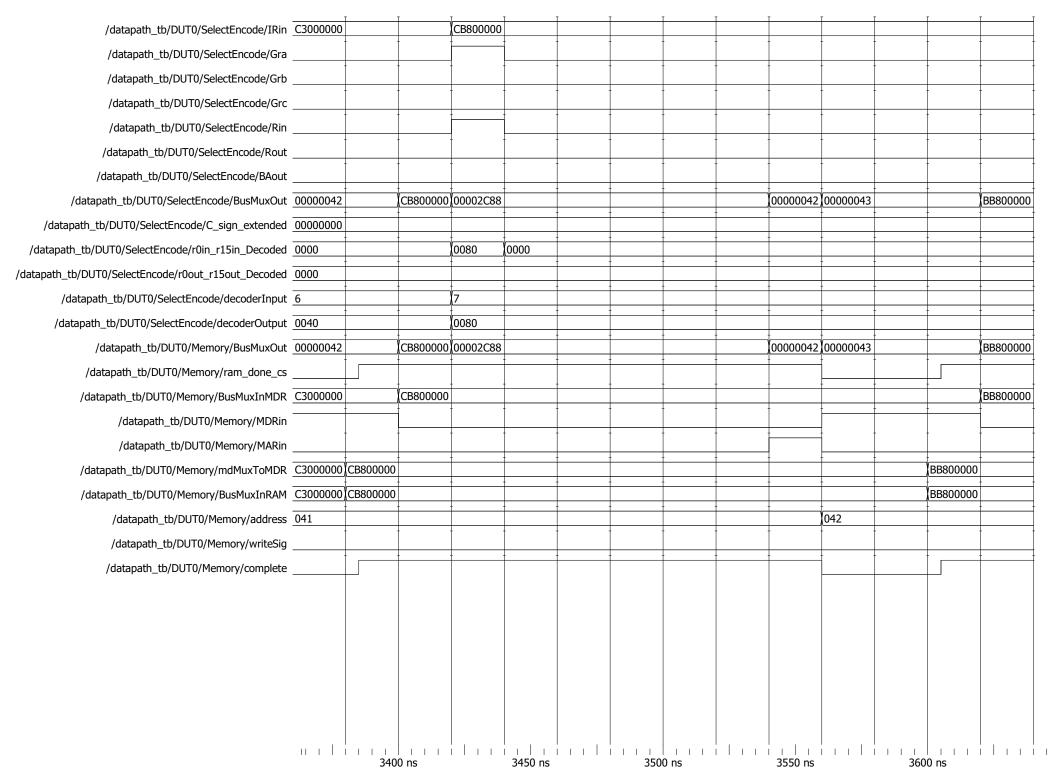
/datapath_tb/DUT0/IO/toOutPort	00000000	00000040	00000041			C3000000	00000000			1			00000041	00000042
/datapath_tb/DUT0/IO/toBus			-							-	-	-		
/datapath_tb/DUT0/IO/toIO		-				-				-	_	-		
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R0										+	_	-		
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R1										-	_	-		
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R2										-	-			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R3										-	-			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R4		-				-				+	-			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R5			-				-			-	-	-		
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R6										+	-	-		
		-				-				-	-	-		
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R7										-		-		
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R8										-		-		
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R9										-				
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R10										-				
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R11		:								-				
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R12										-	_			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R13										-	-			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R14										-				
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R15	0000003D	. ,								-	-	-		
/datapath_tb/DUT0/Multiplexer/BusMuxIn_HI	00000000	. ,								-	_			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_LO	00002C88									+	-			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_Zhigh	00000000									+	•			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_Zlow	00002C88		00000041							+				00000042
/datapath_tb/DUT0/Multiplexer/BusMuxIn_PC	00000040			00000041						-		-		
/datapath_tb/DUT0/Multiplexer/BusMuxIn_MDR	78900000					C3000000				-	_			
$/ datapath\_tb/DUT0/Multiplexer/BusMuxIn\_InPort$	00000000													
$/ datapath\_tb/DUT0/Multiplexer/C\_sign\_extended$	00000000													
/datapath_tb/DUT0/Multiplexer/encoderSignal	12	14	13			15	10						14	13
$/ datapath\_tb/DUT0/Multiplexer/BusMuxOut$	00000000	00000040	00000041			C3000000	00000000						00000041	00000042
	310		 	3150 ns	1 1	320	0 ns	111	3250 ns	1 1 1 1	3300	 		3350 ns

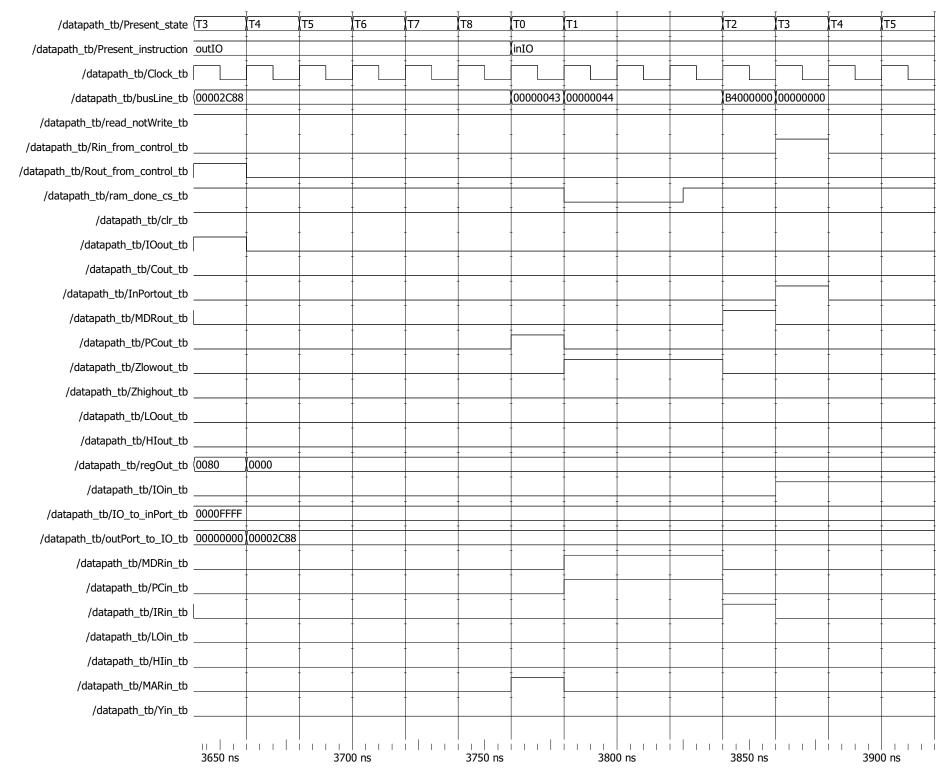


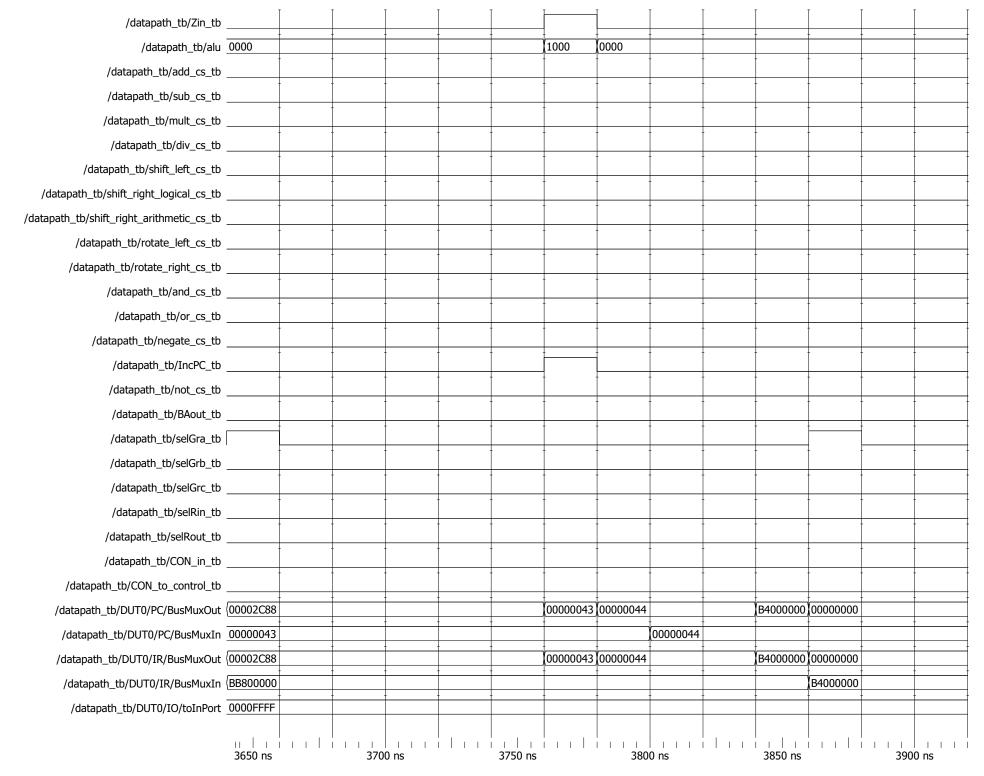




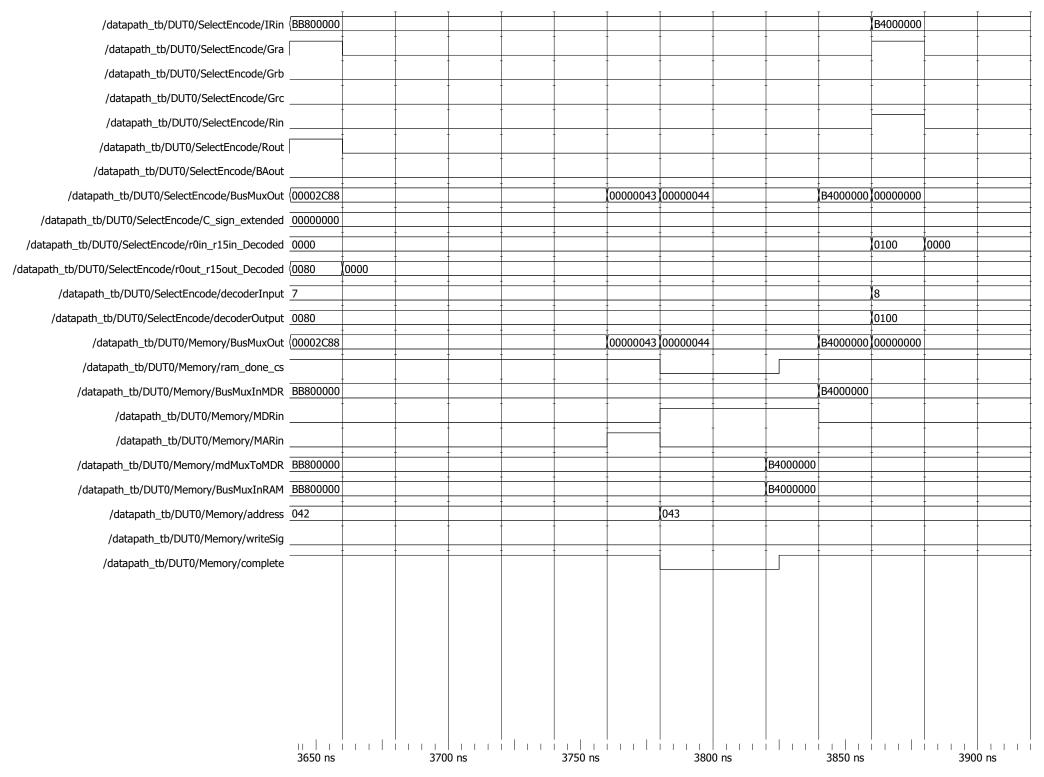


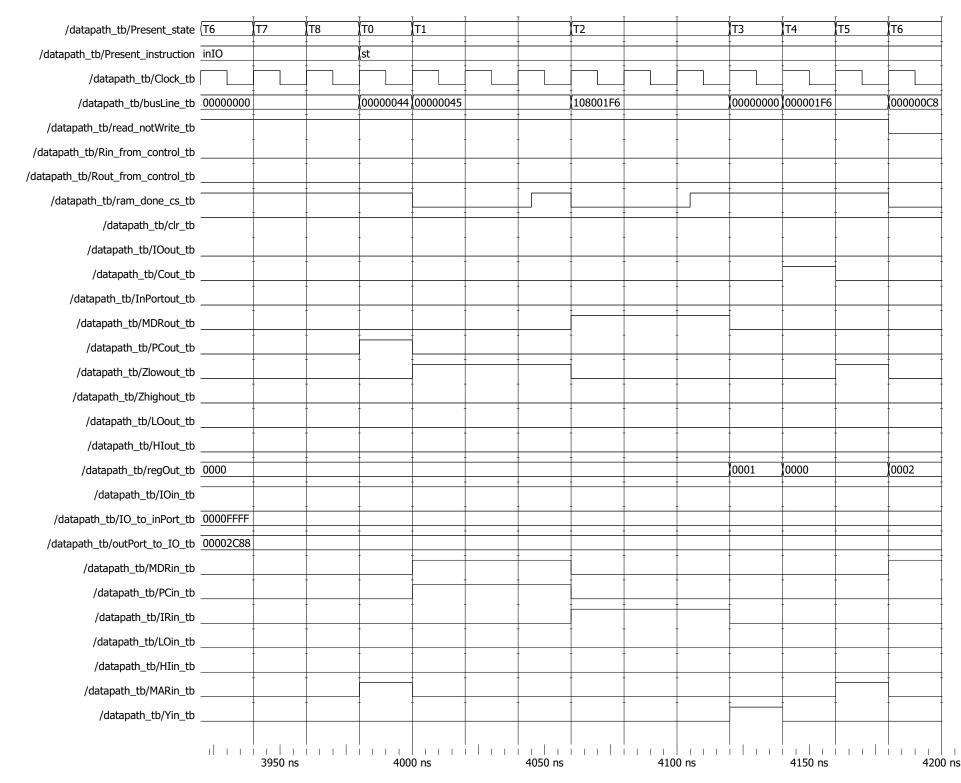


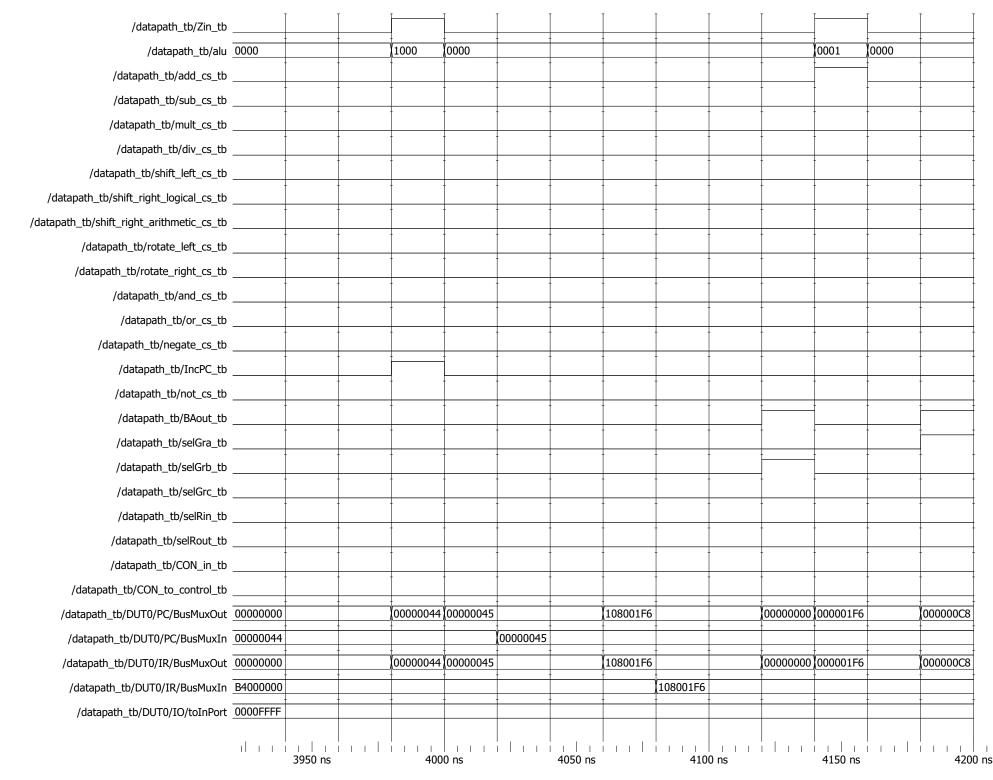




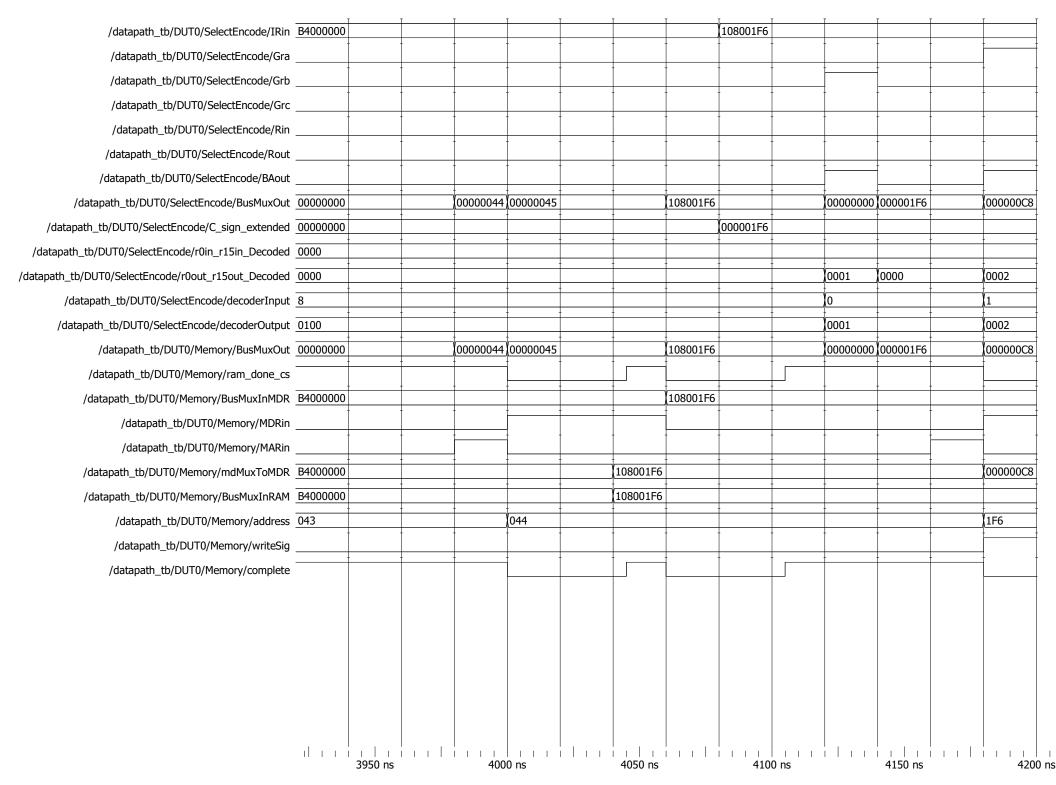
/datapath_tb/DUT0/IO/toOutPort 0	00002C88					00000043	00000044			B4000000	00000000	
/datapath_tb/DUT0/IO/toBus $0$	00000000										0000FF	FF
/datapath_tb/DUT0/IO/toIO 0	00000000	00002C88	-				-					
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R0 0	00000000							-		-	-	-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R1 0	00000C8							-		-	-	-
	0000039							+		-	-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R3 0	000003C							+			-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R4 0	000003F						-	+			-	-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R5 <u>0</u>	0000009							+			-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R6 $0$	00000000						-		·		+	+
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R7 $0$	00002C88		-	-	-						-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R8 $0$	0000000							-	•		-	-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R9 <u>0</u>	0000000										-	-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R10 0	0000000											-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R11 0	00000000							•			-	-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R12 0	0000000											-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R13 0	0000000											-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R14 0	00000000										•	-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R15 0	000003D										•	-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_HI $0$	00000000										•	-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_LO 0	00002C88											*
/datapath_tb/DUT0/Multiplexer/BusMuxIn_Zhigh _0	00000000		-	•								-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_Zlow 0	00000043		-	•			00000044					
/datapath_tb/DUT0/Multiplexer/BusMuxIn_PC $0$	00000043							00000044				
/datapath_tb/DUT0/Multiplexer/BusMuxIn_MDR B	3B800000									B4000000	+	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_InPort $0$	00000000										0000FF	FF
/datapath_tb/DUT0/Multiplexer/C_sign_extended 0	00000000		-									
/datapath_tb/DUT0/Multiplexer/encoderSignal $(0$	07					14	13			15	16	
/datapath_tb/DUT0/Multiplexer/BusMuxOut $(0$	00002C88					00000043	00000044			B4000000	00000000	
	11   1 3650 ns	3700	) ns	1 1 1 1	₁ │ ₁ 3750 ns	 	380	0 ns	111	3850 ns		3900 ns

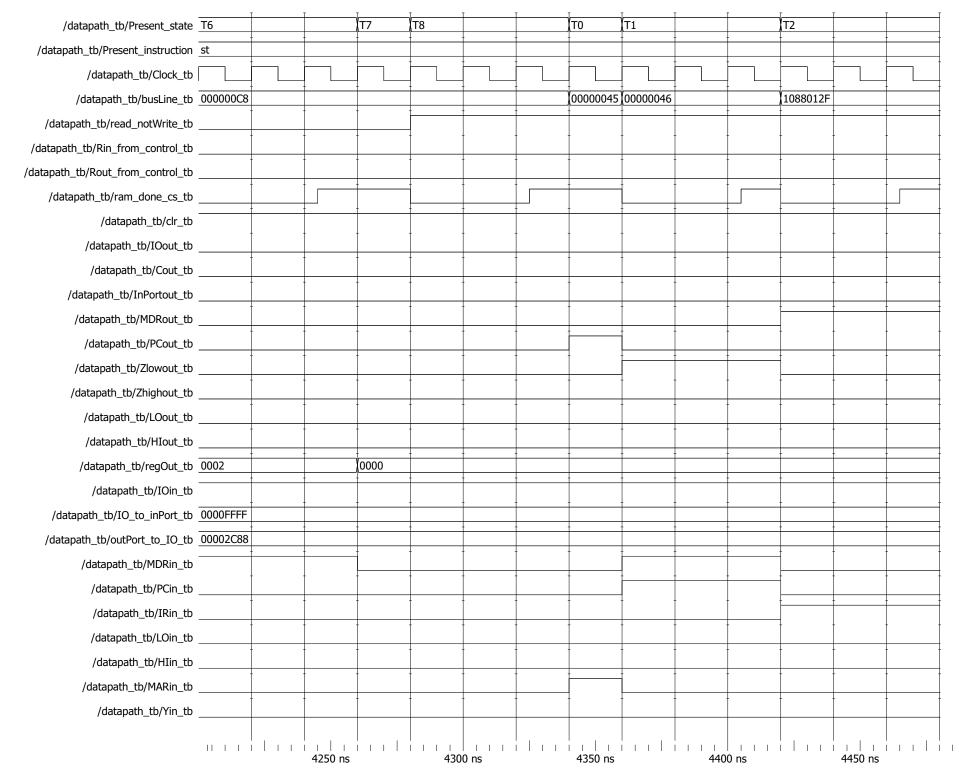


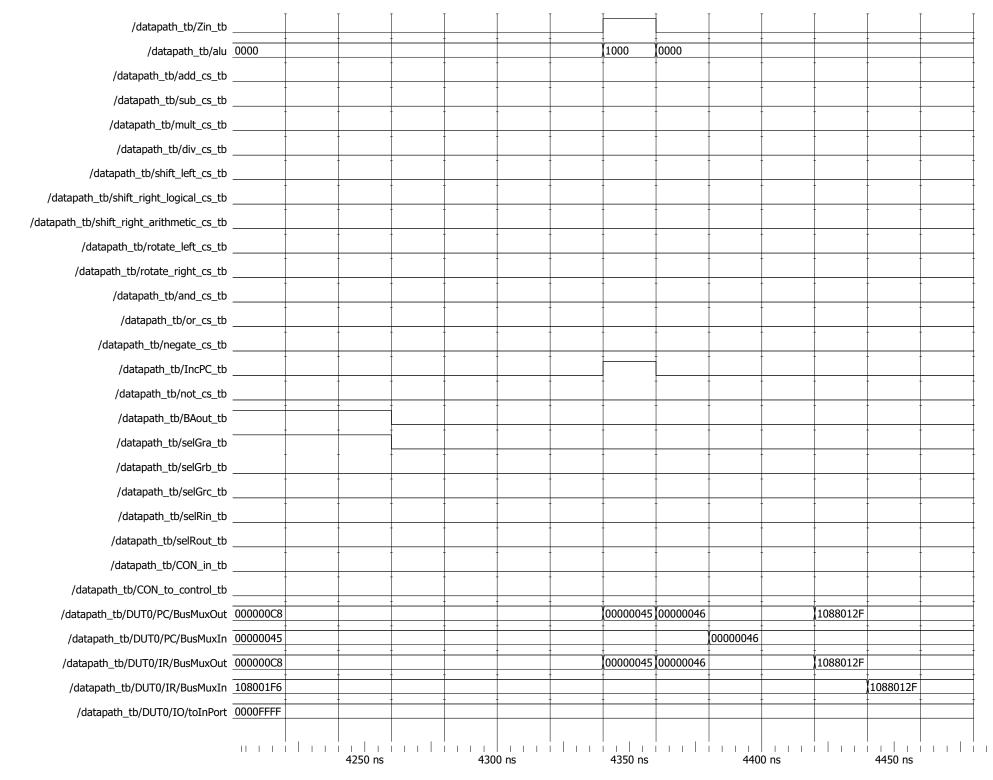


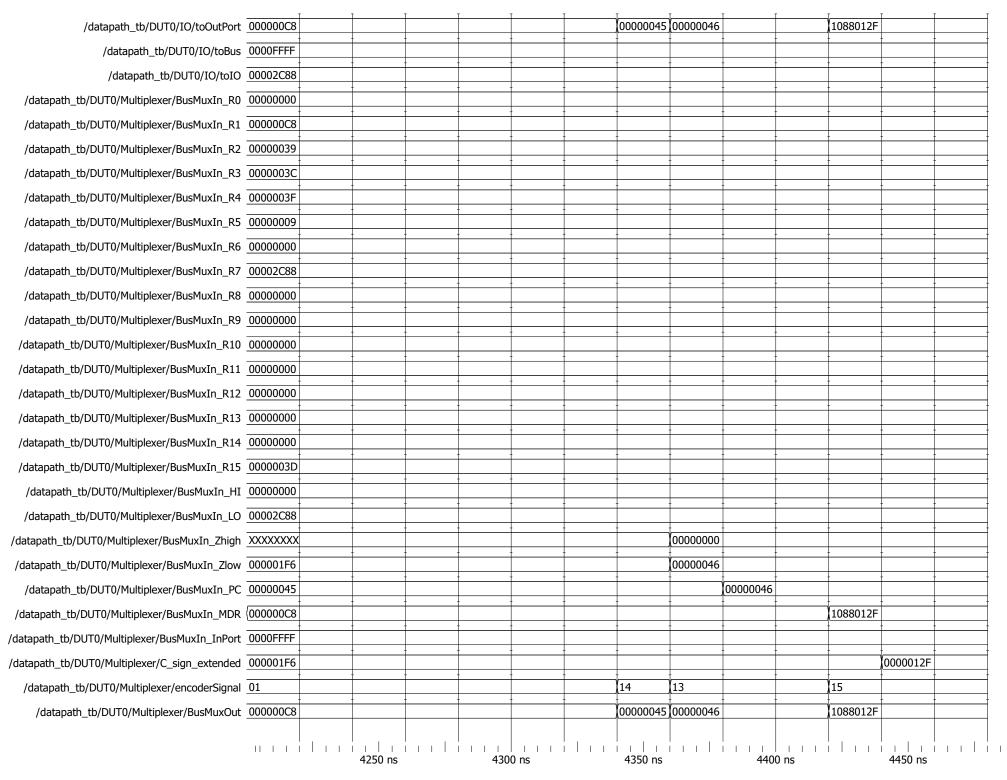


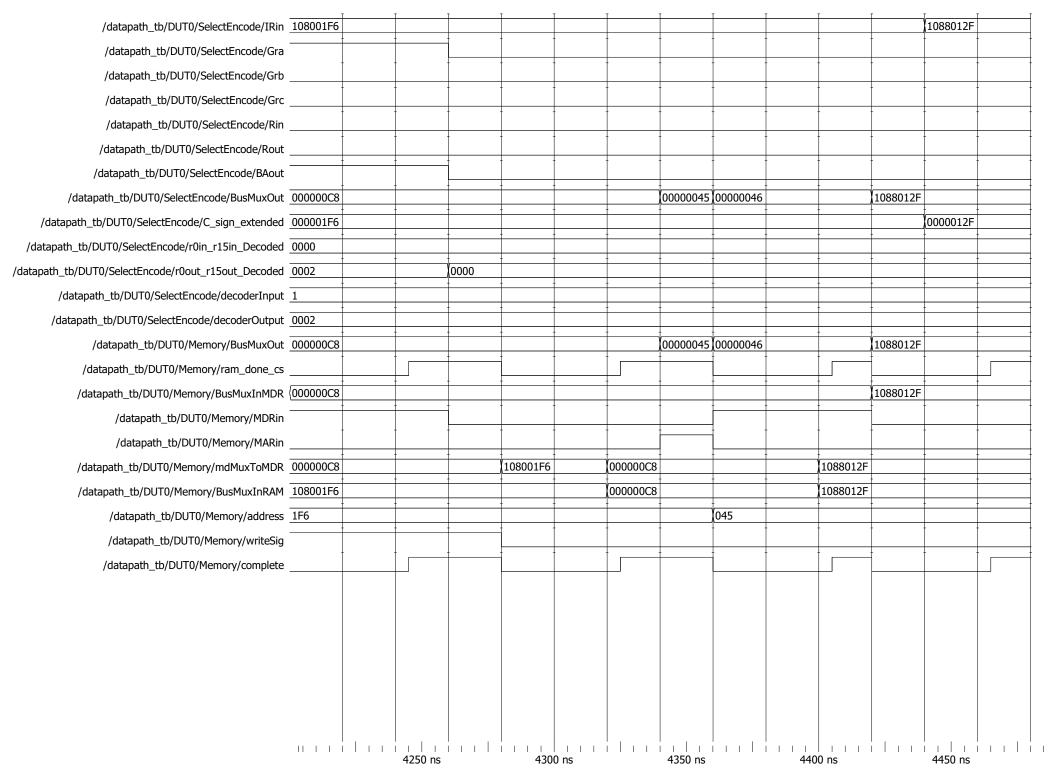
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/datapath_tb/DUT0/IO/toIO 00 /datapath_tb/DUT0/Multiplexer/BusMuxIn_R0 00 /datapath_tb/DUT0/Multiplexer/BusMuxIn_R1 00 /datapath_tb/DUT0/Multiplexer/BusMuxIn_R2 00 /datapath_tb/DUT0/Multiplexer/BusMuxIn_R3 00 /datapath_tb/DUT0/Multiplexer/BusMuxIn_R4 00	00002C88 000000000 0000000C8 00000039 0000003C											<del>-</del>
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/datapath_tb/DUT0/Multiplexer/BusMuxIn_R14 00	+								-	-		
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/datapath_tb/DUT0/Multiplexer/BusMuxIn_PC	00000044			<u> </u>	00000045							+
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/datapath_tb/DUT0/Multiplexer/encoderSignal 10	16	 	14	13			15		00	17	13	01
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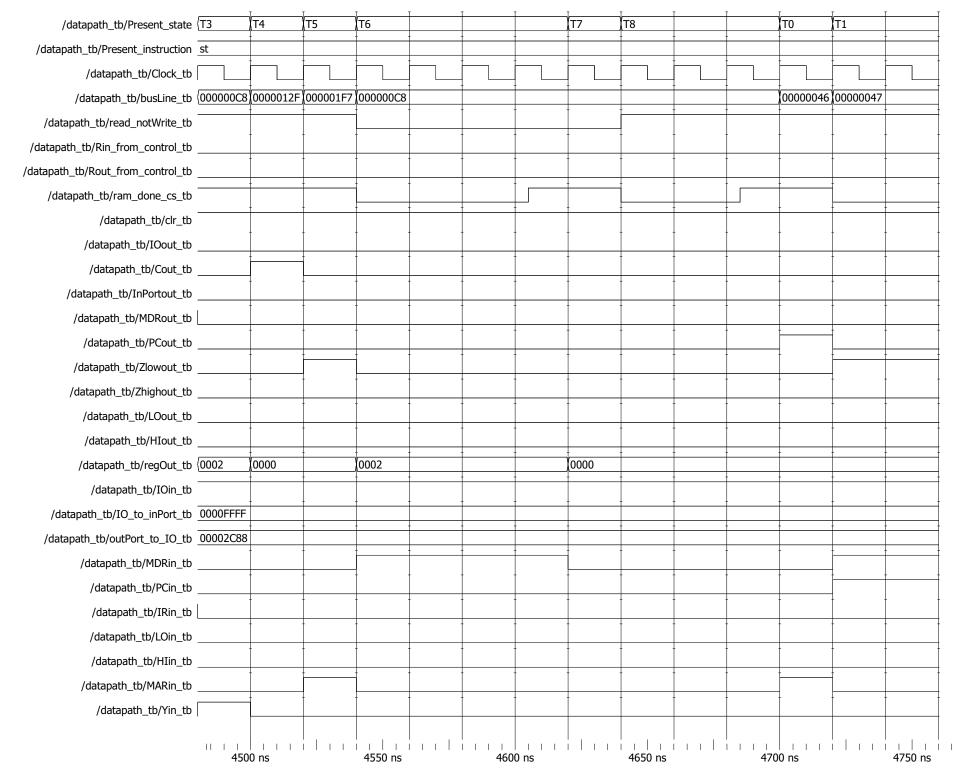


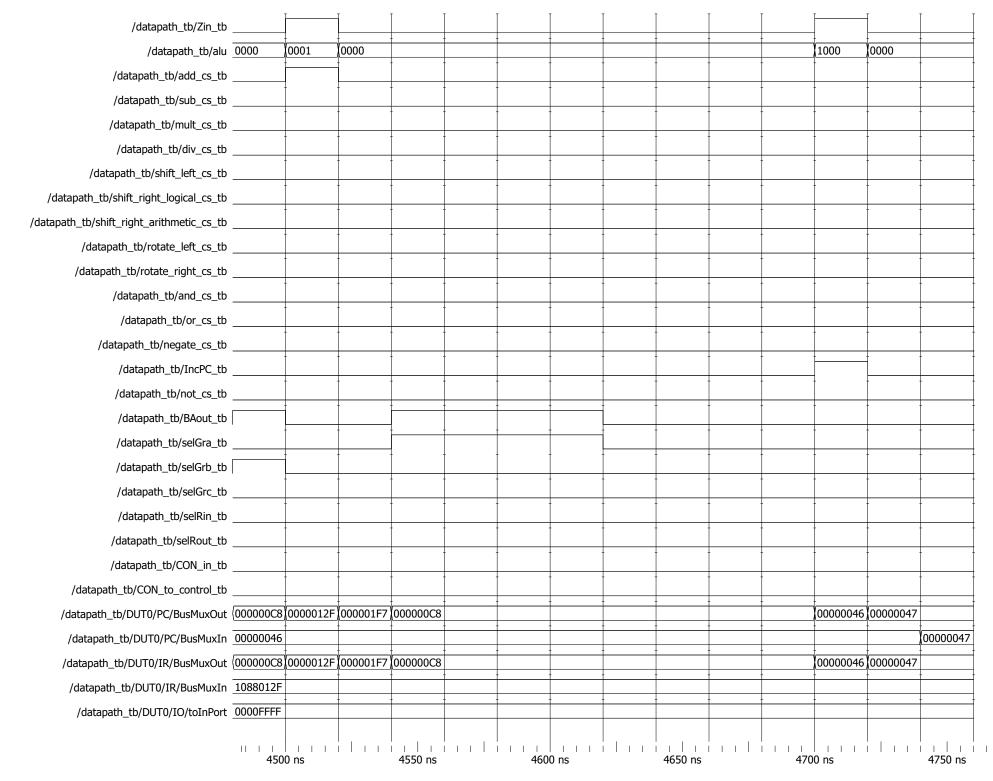


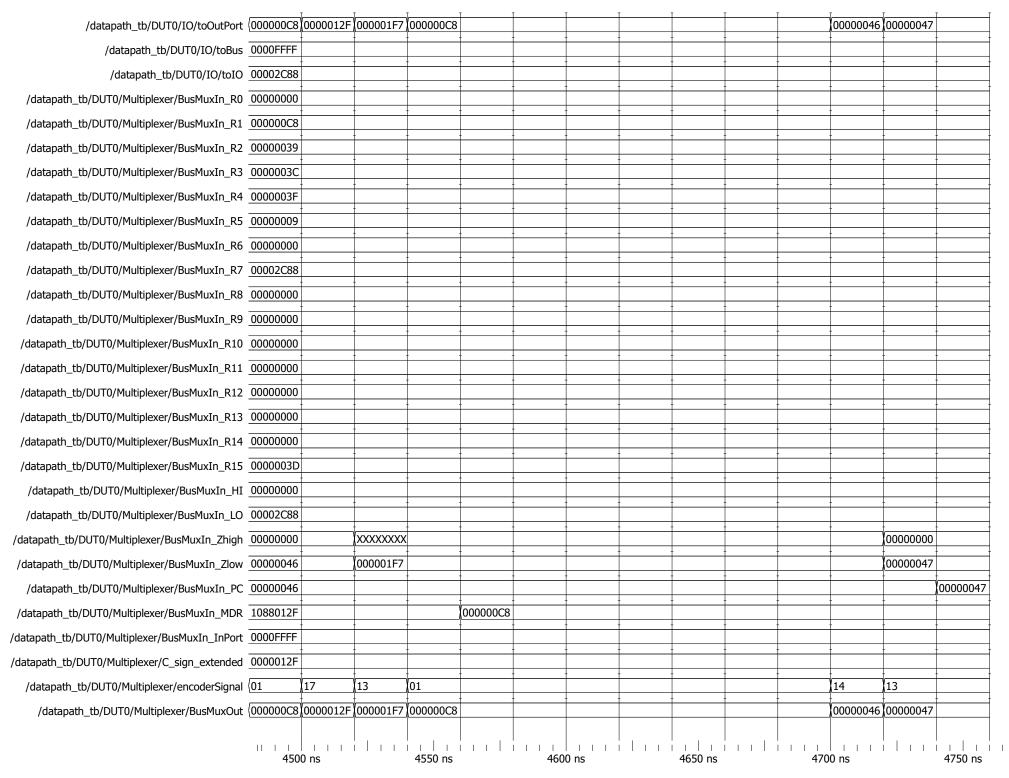


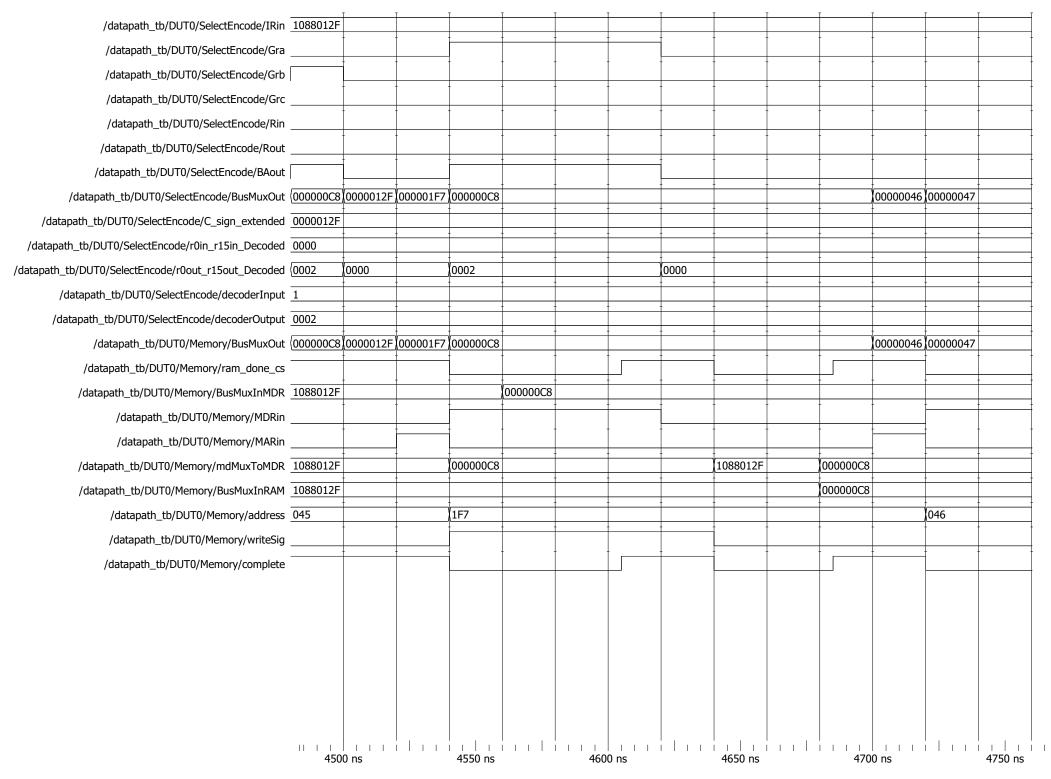


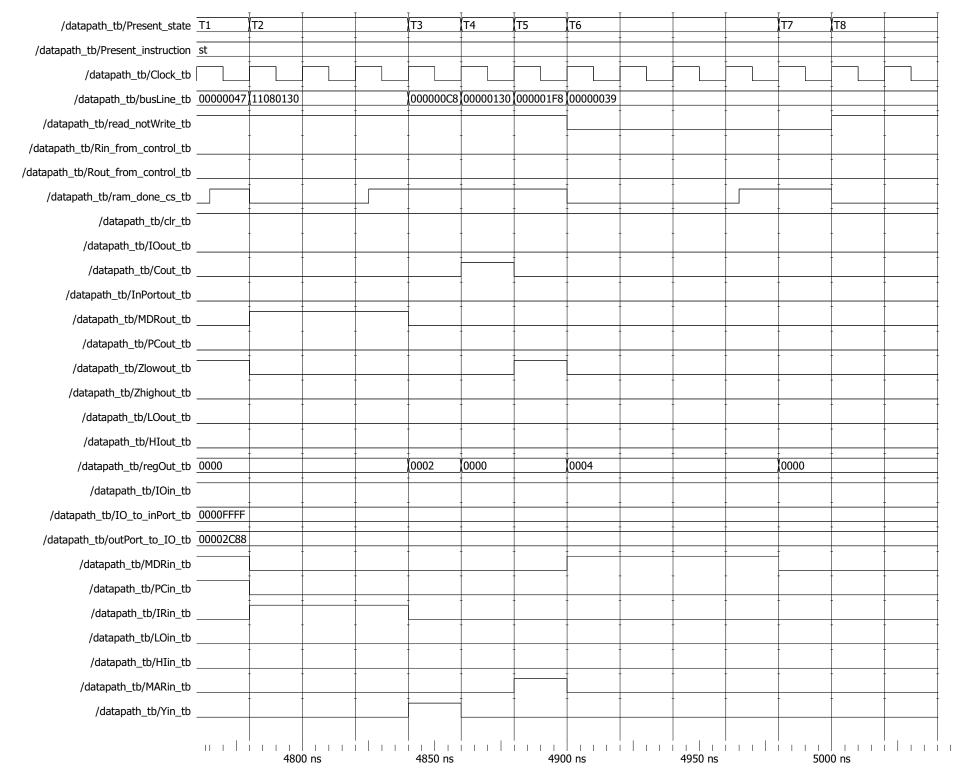


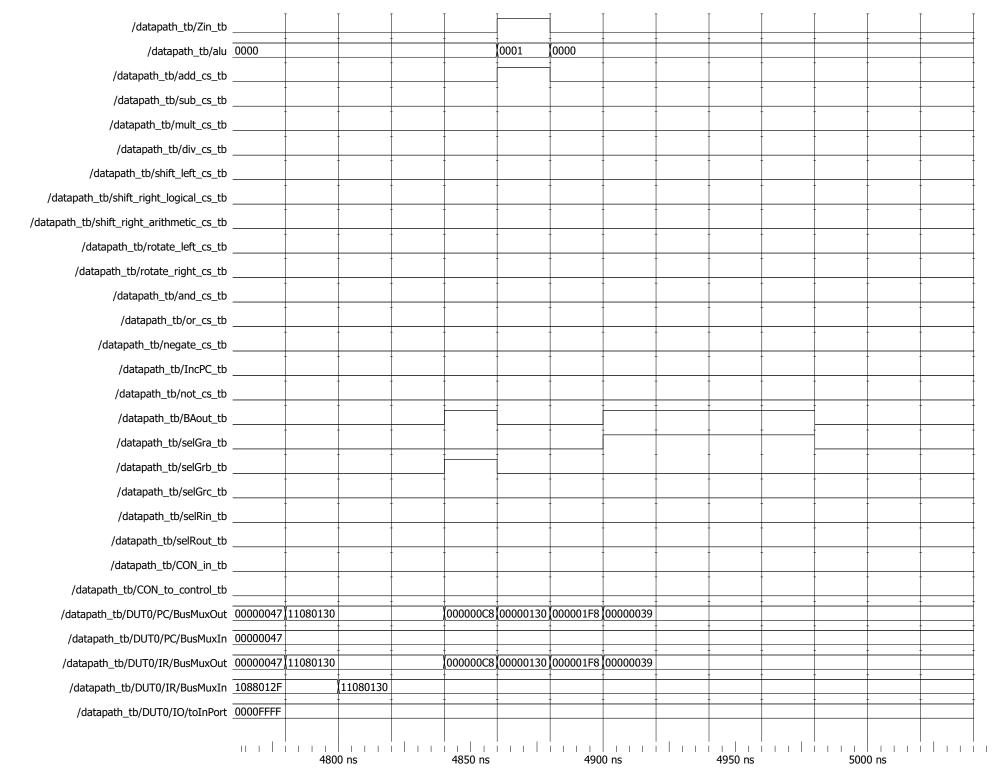


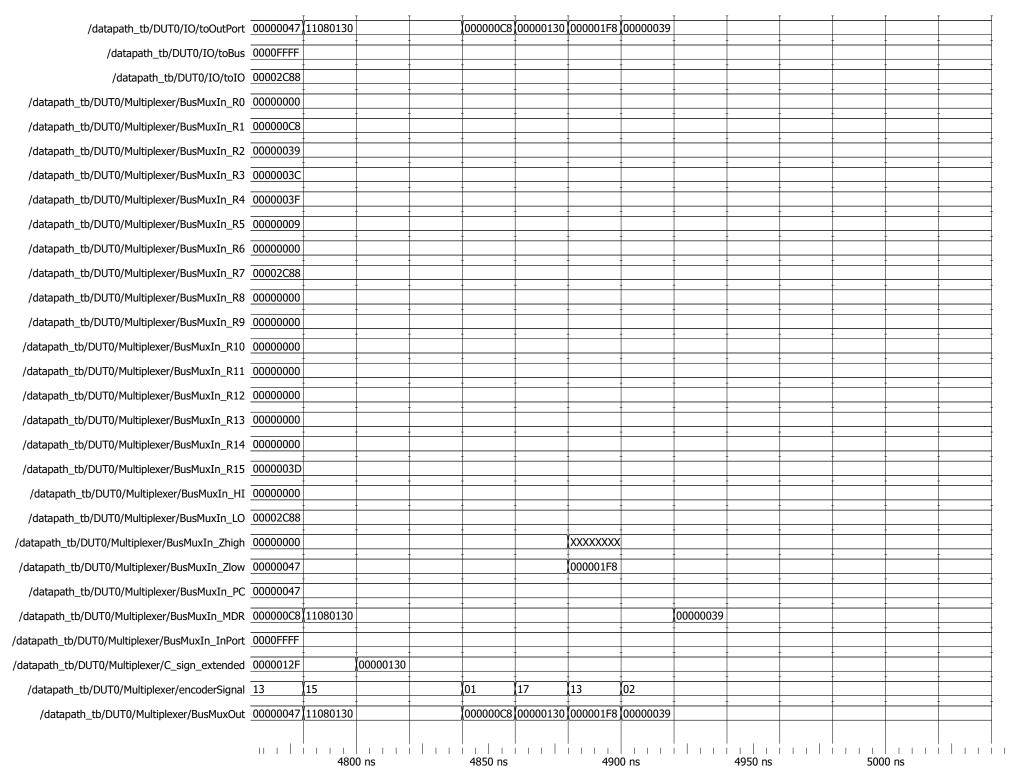


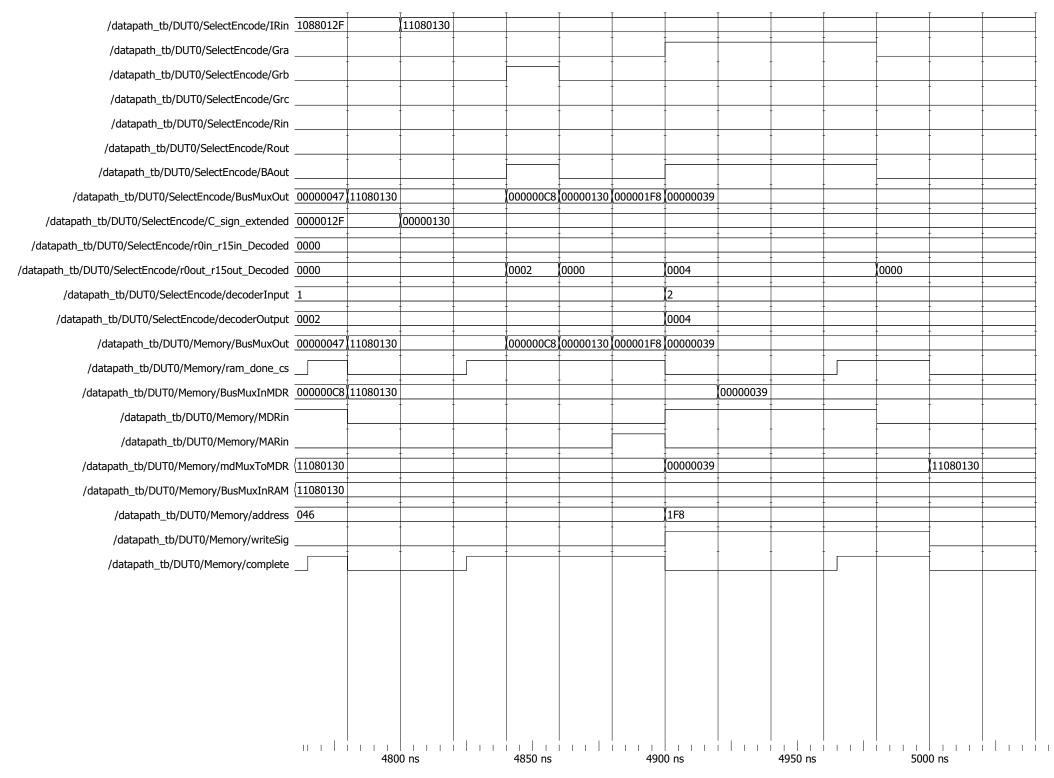


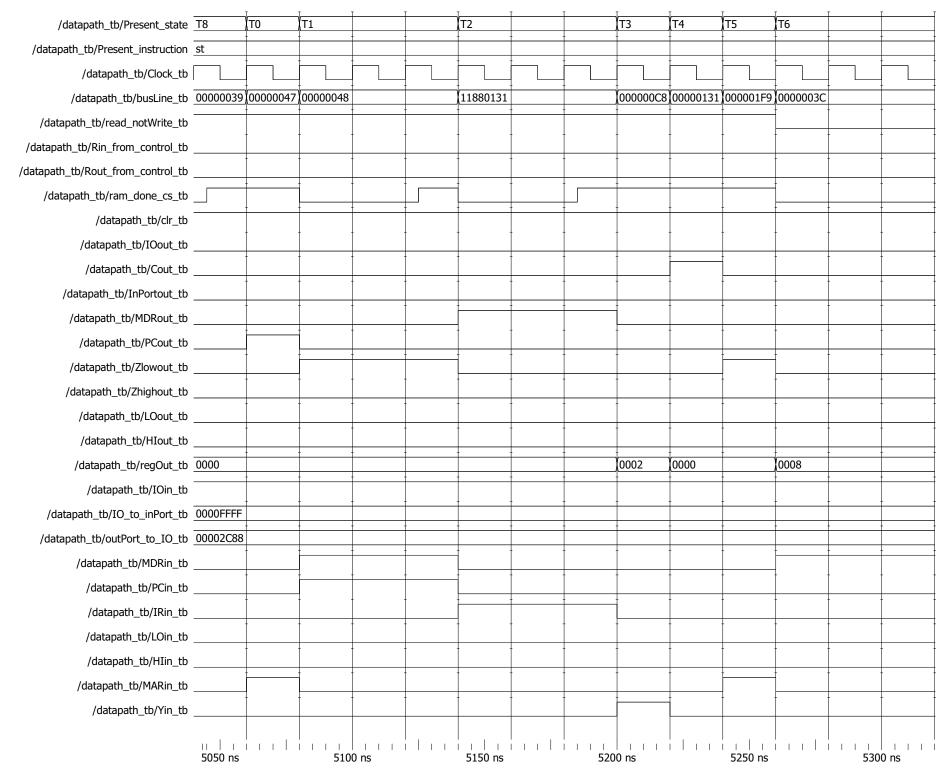


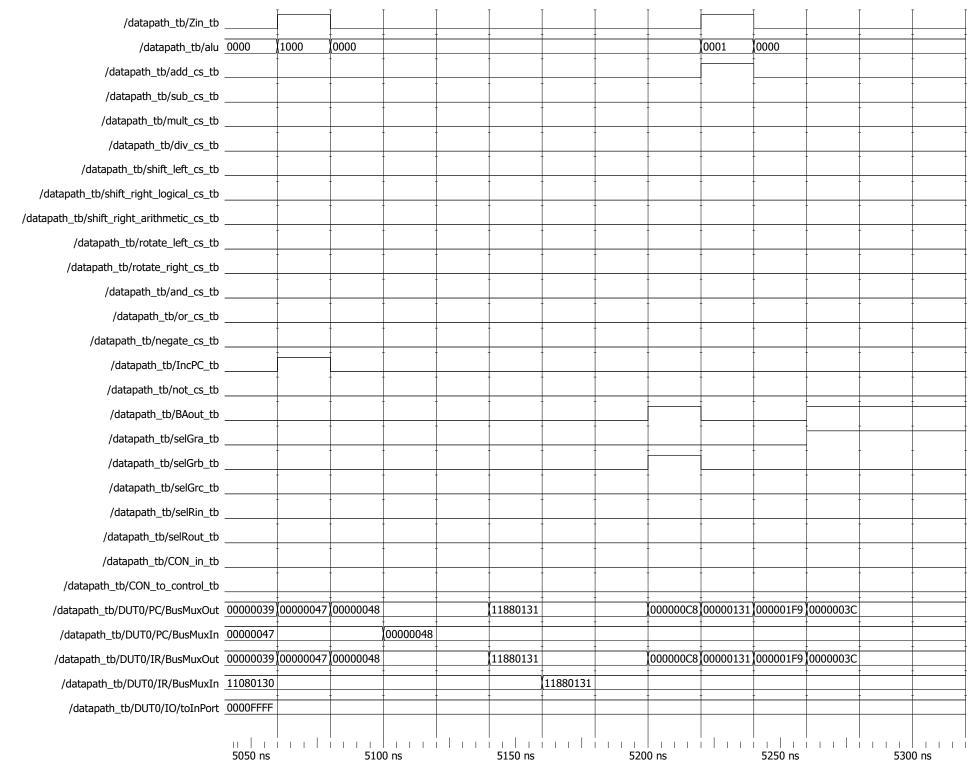




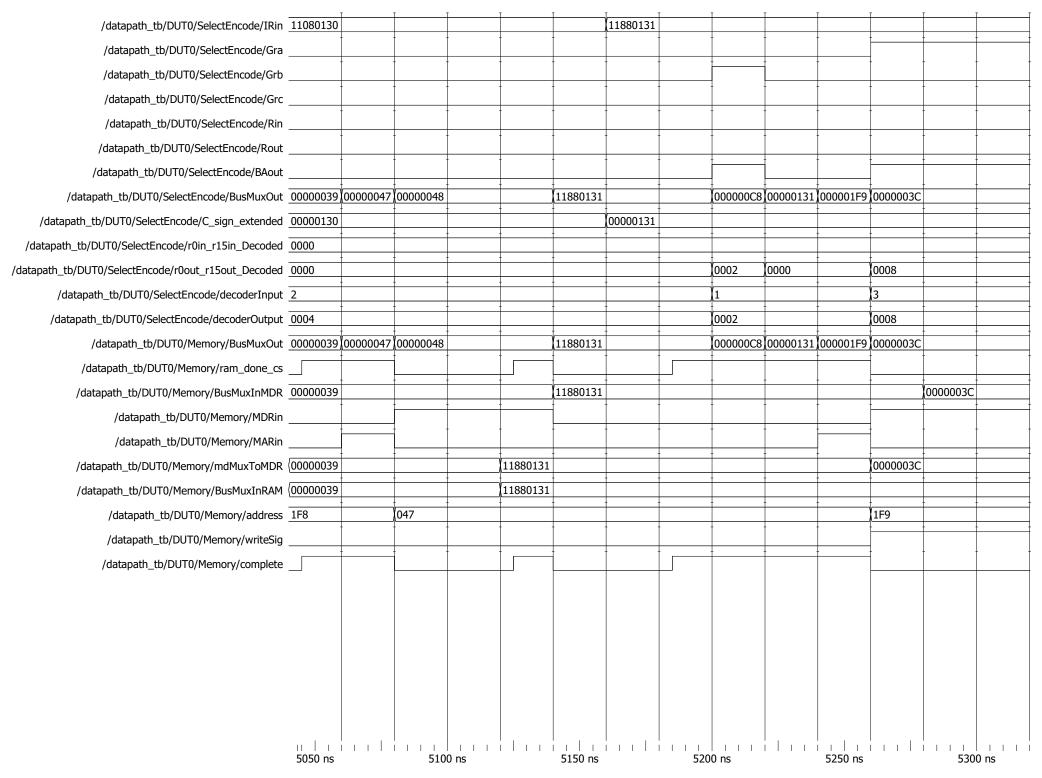


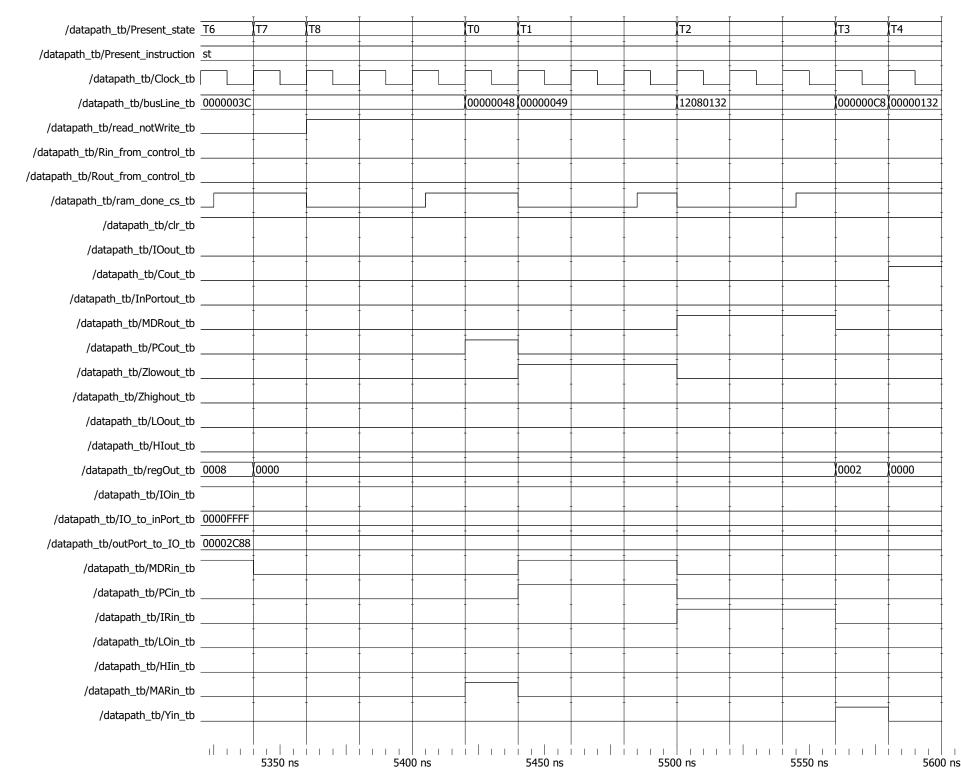


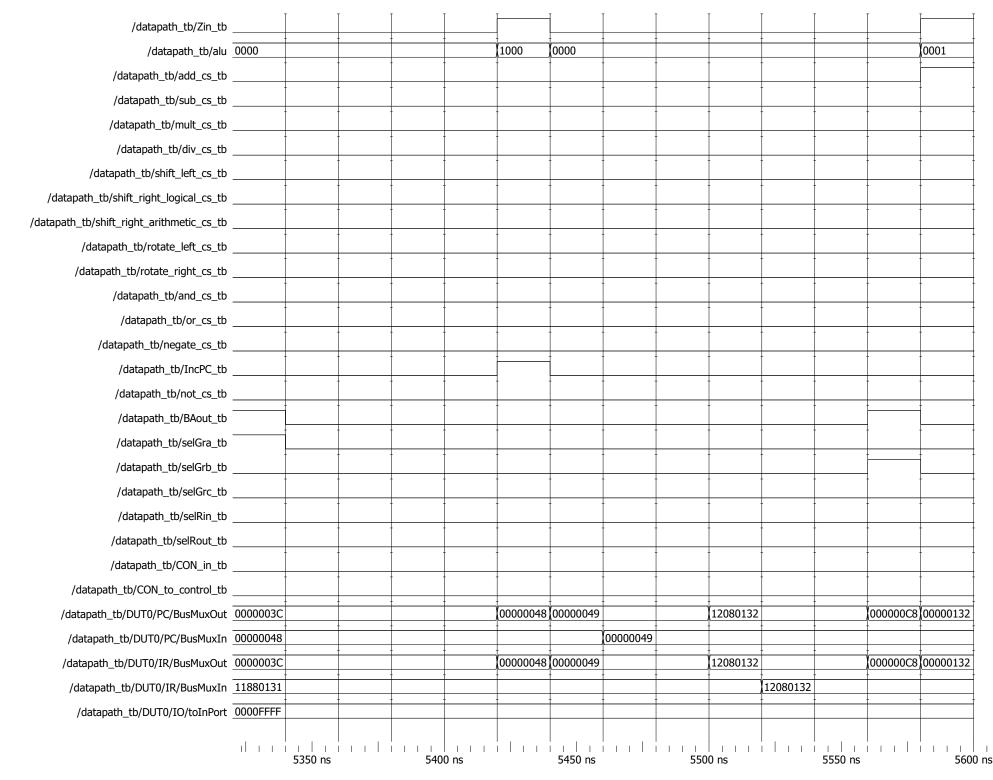


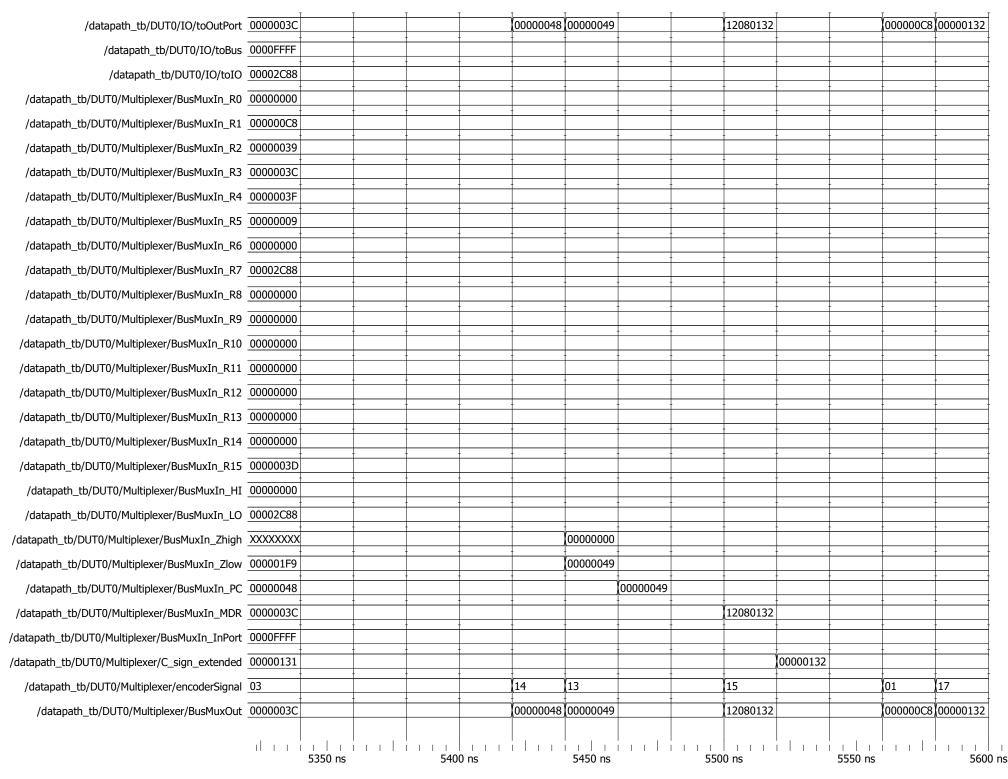


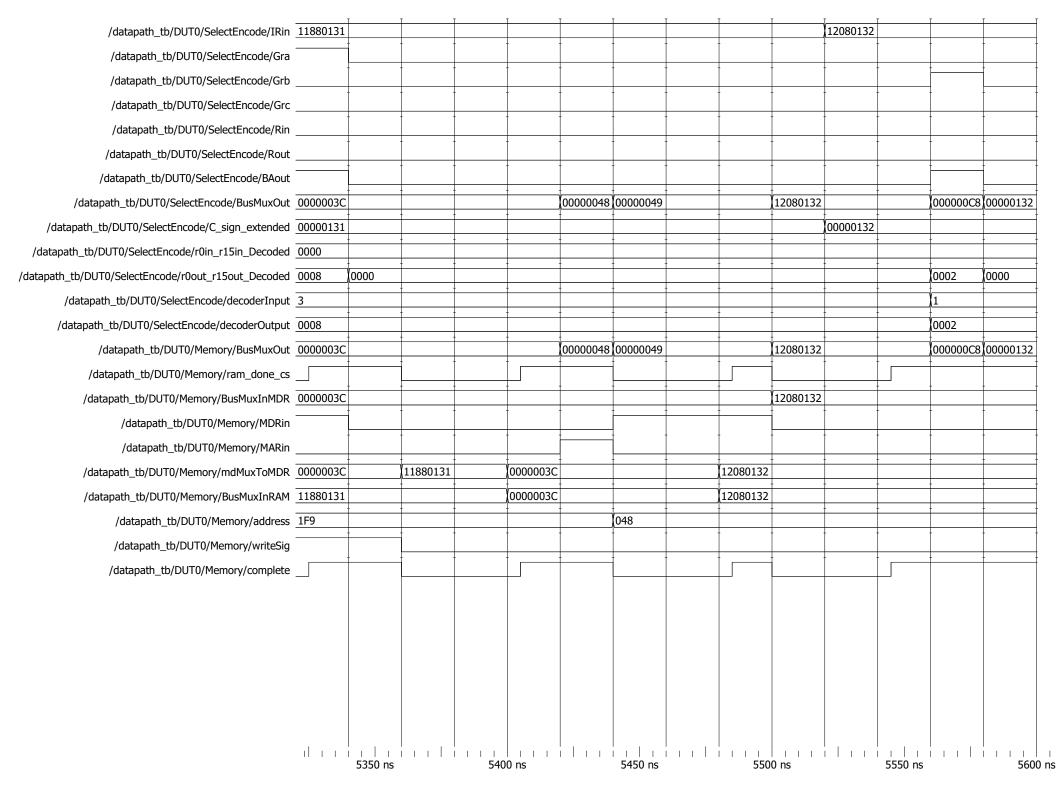
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/datapath_tb/DUT0/IO/toIO	00002C88			-									- +	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R0	00000000						-				-	-	-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R1													-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R2	00000039			-	•		-						- +	
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/datapath_tb/DUT0/Multiplexer/BusMuxIn_LO	00002C88								•				•	
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/datapath_tb/DUT0/Multiplexer/BusMuxIn_Zlow	000001F8		00000048		•						000001F9			
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	11   1 5050 ns	1 1 1	510	0 ns	Lin	5150 ns	111	 	0 ns	 	ı   <sub>І</sub> 5250 ns	111	5300	) ns

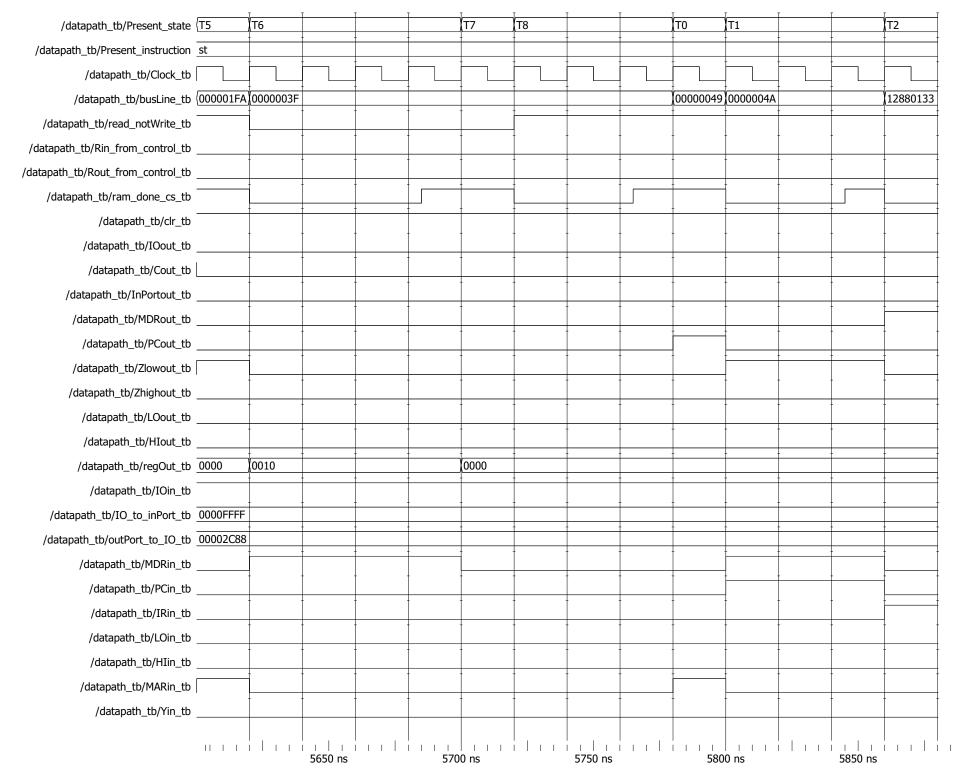


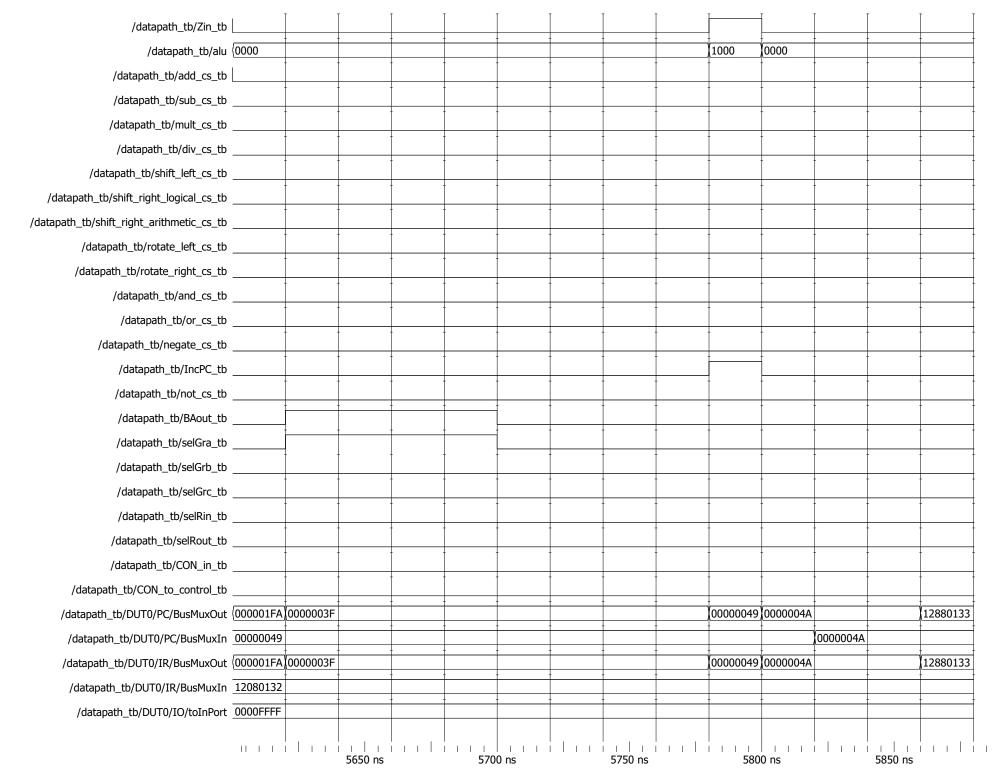


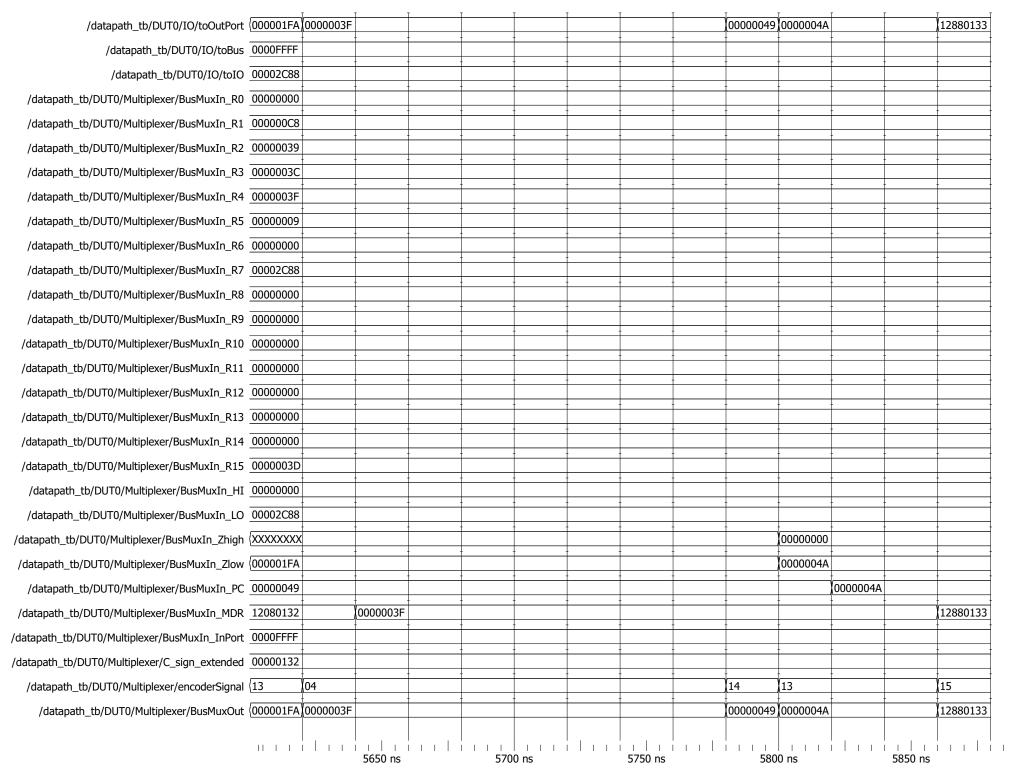


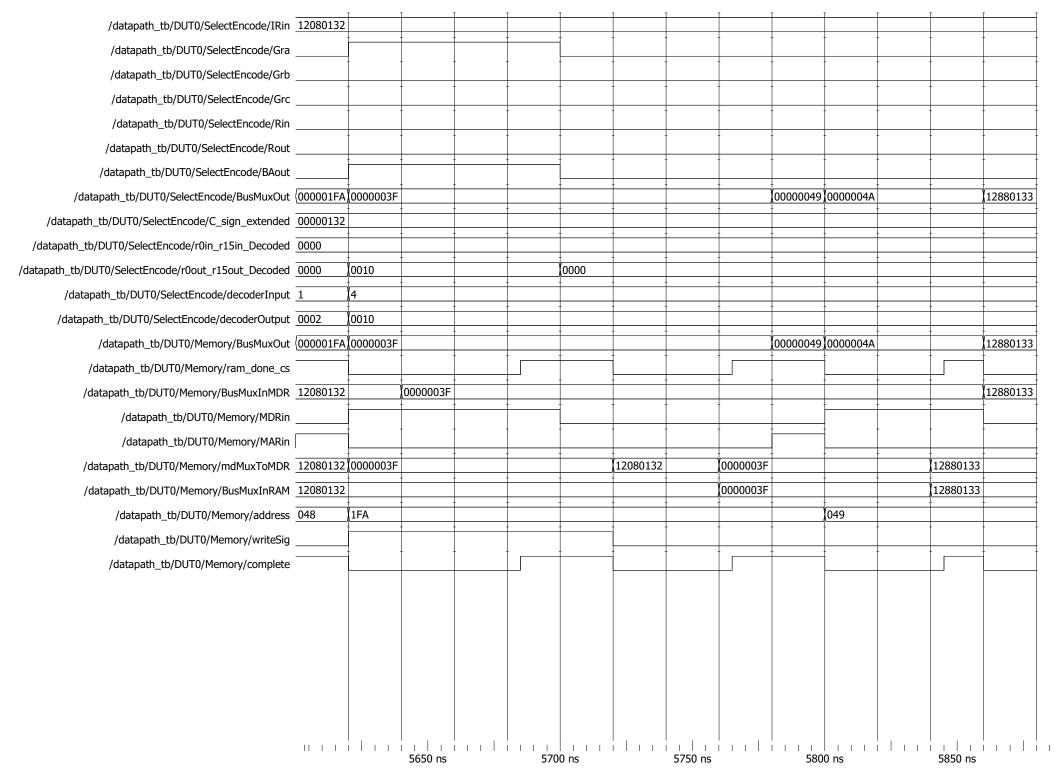


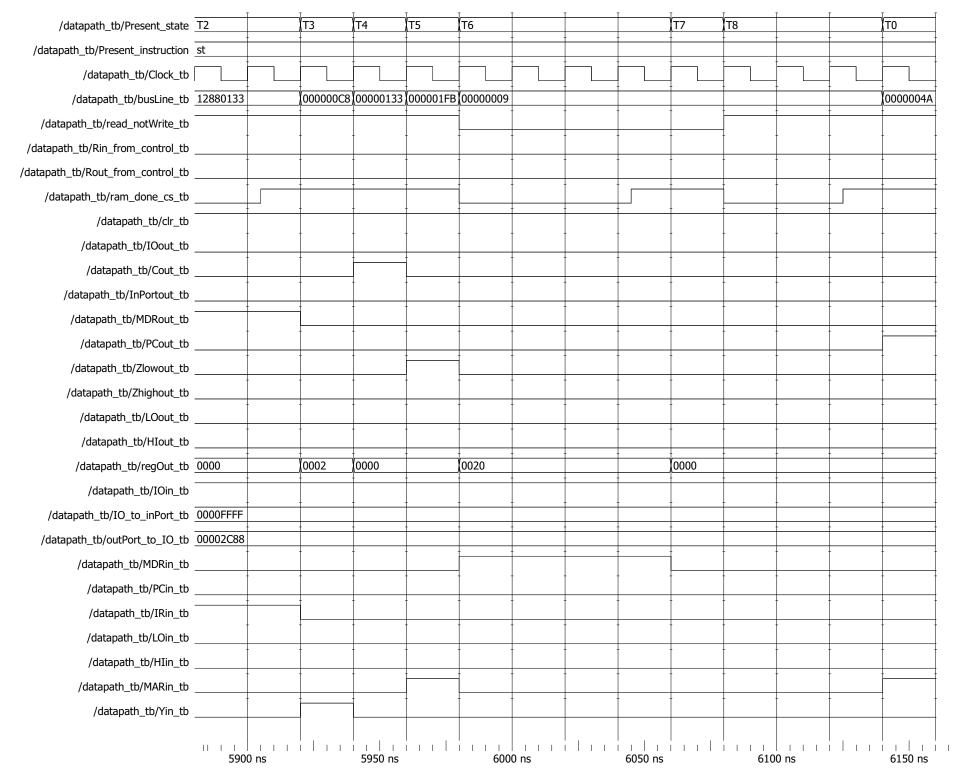


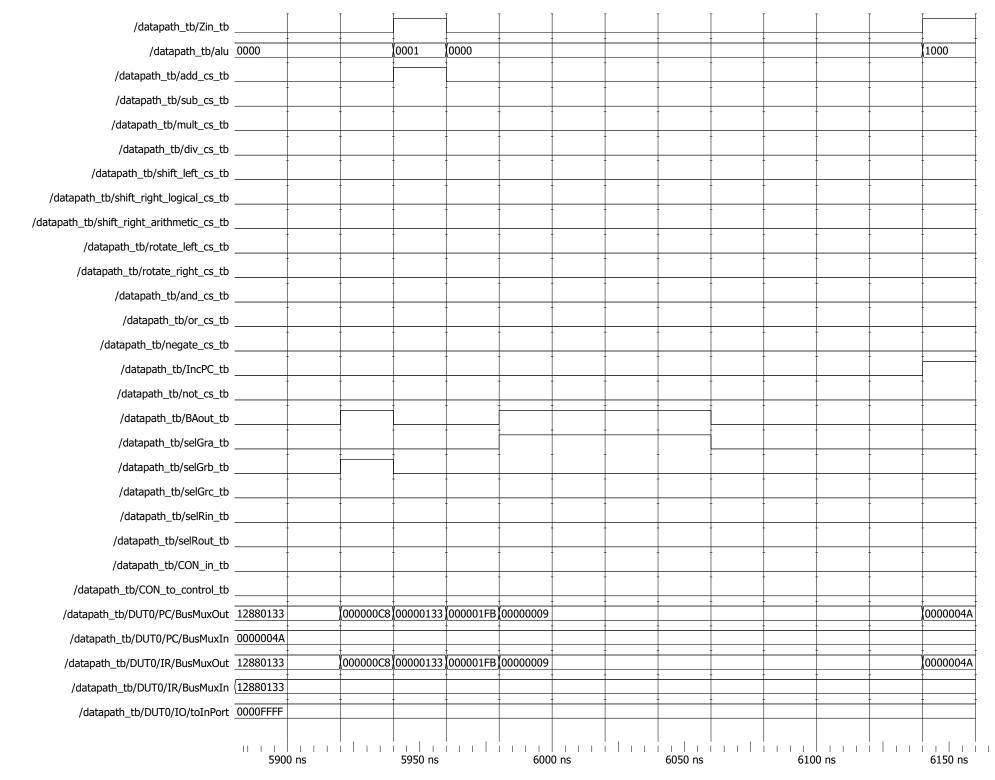


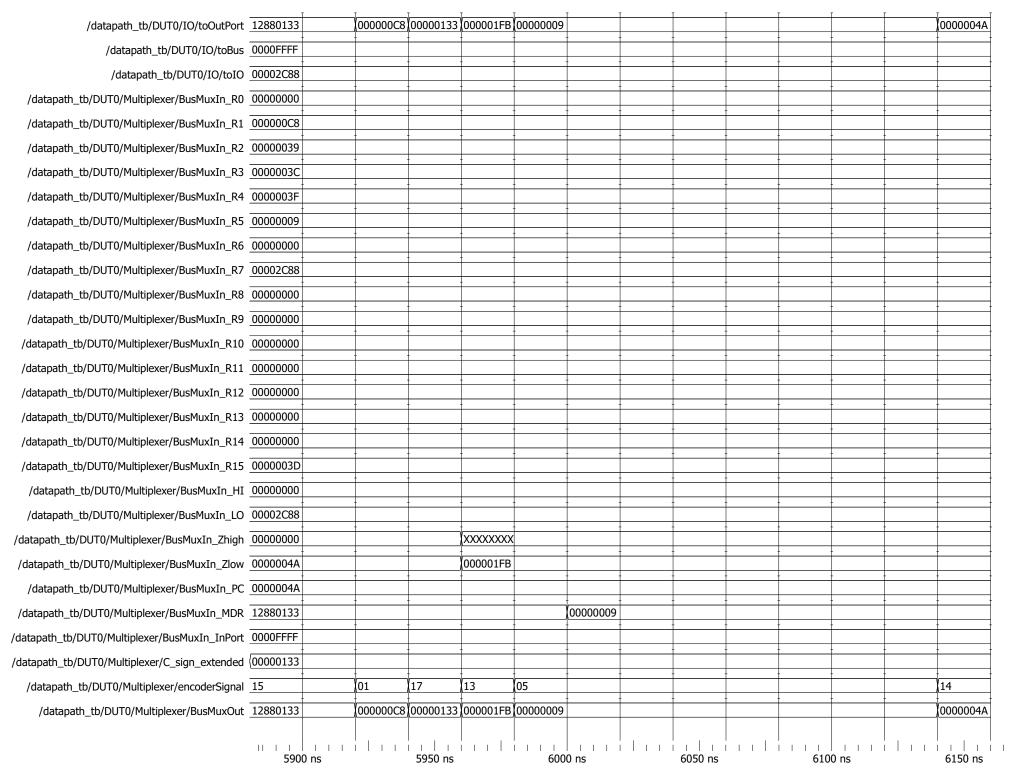


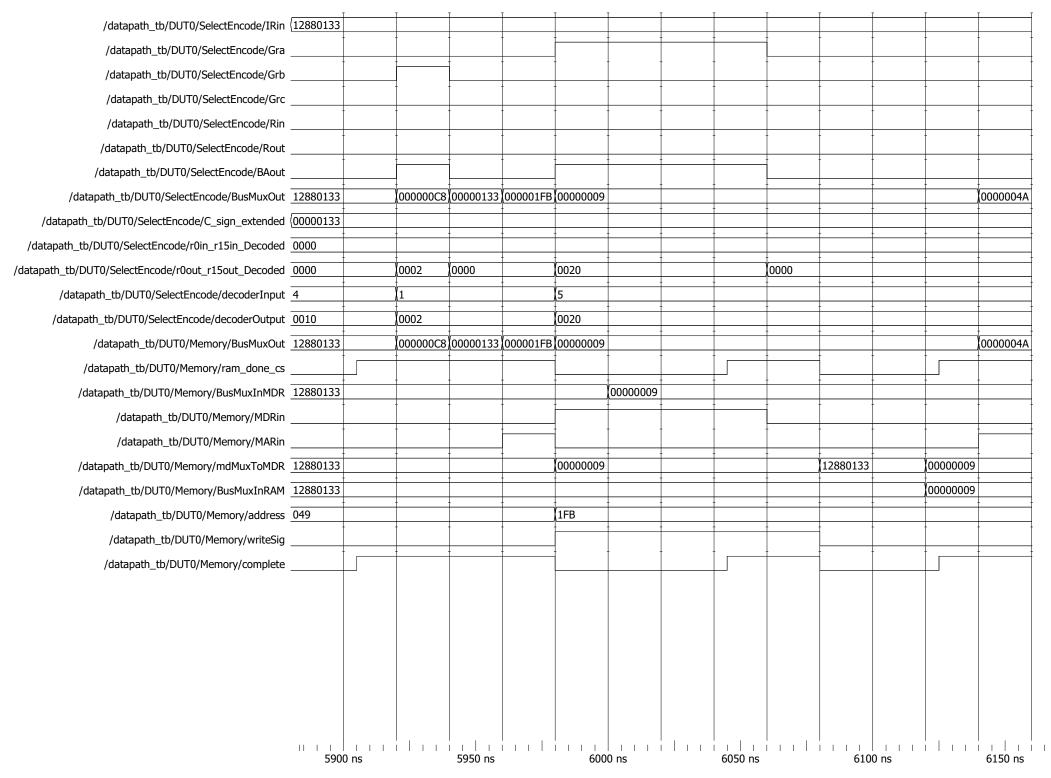


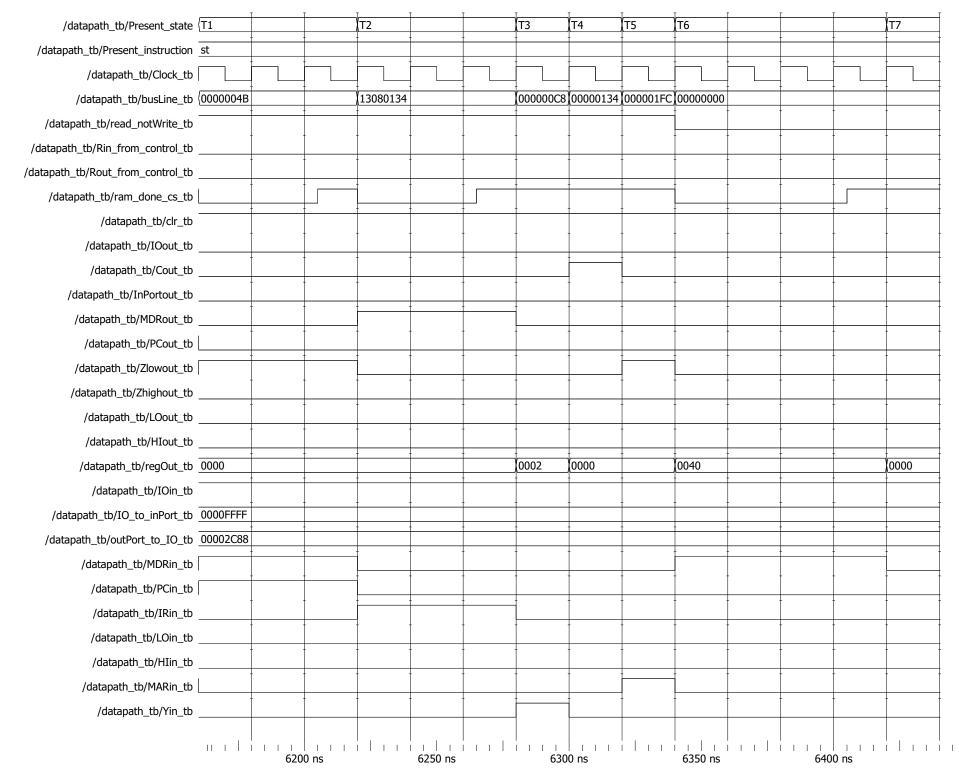


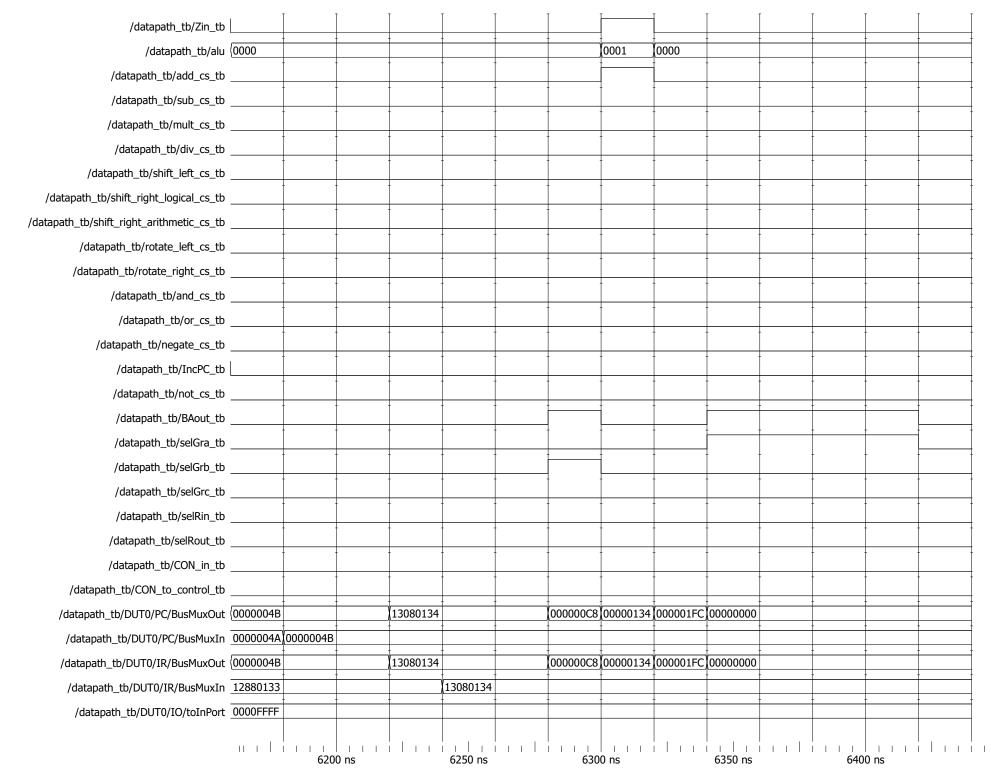


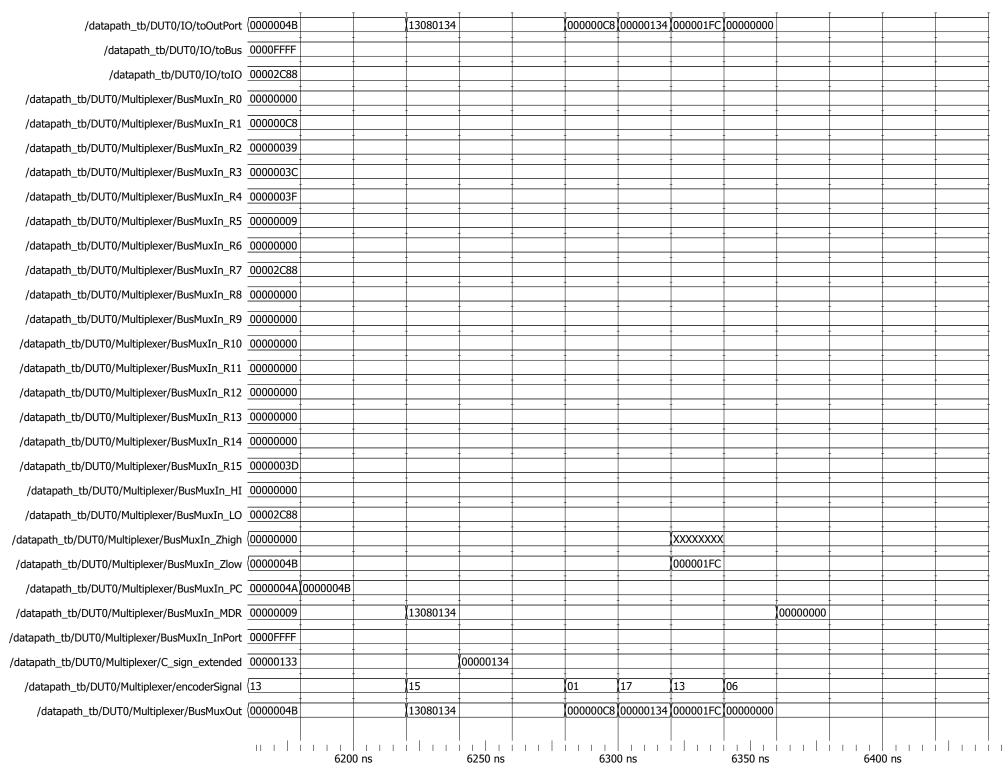


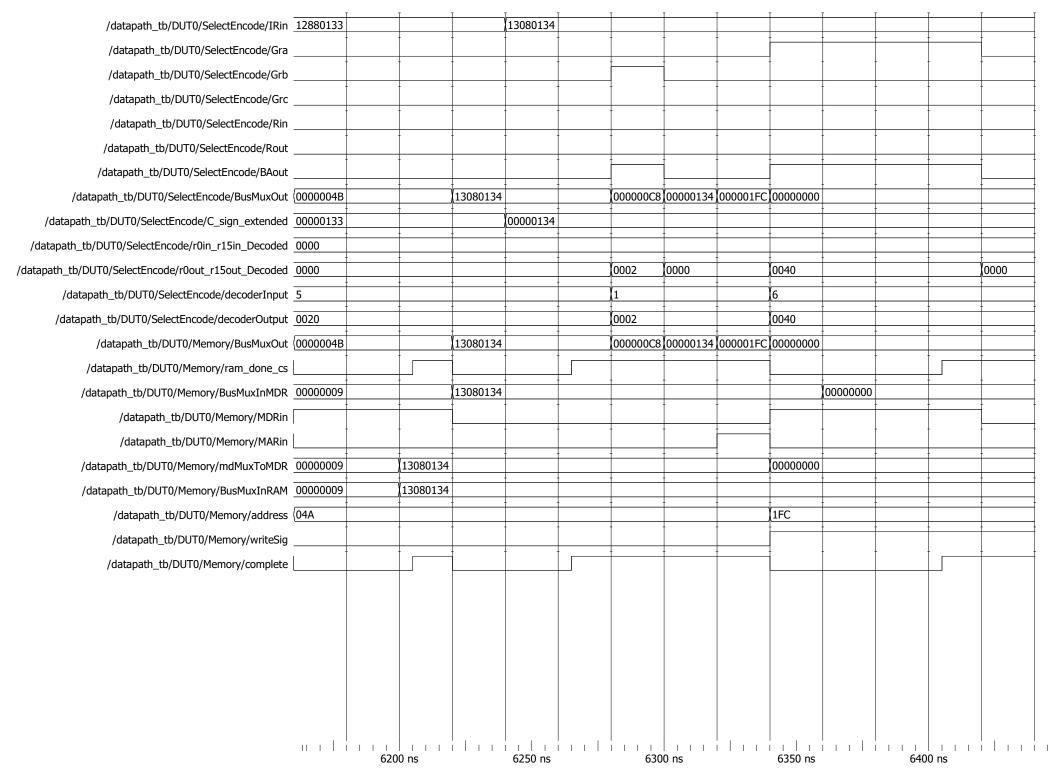


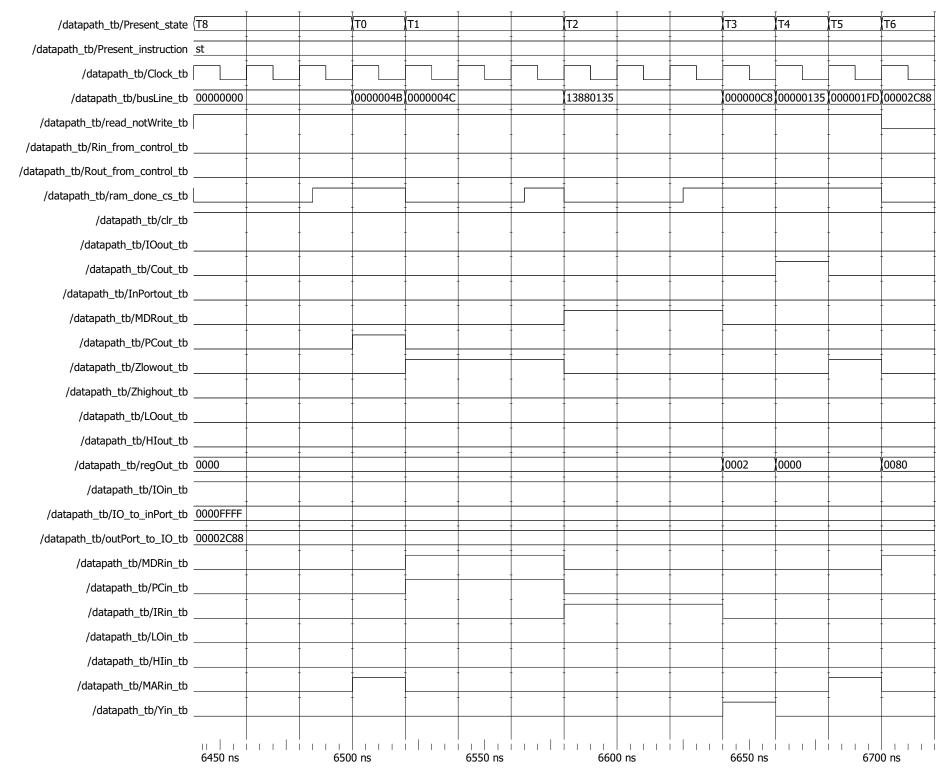


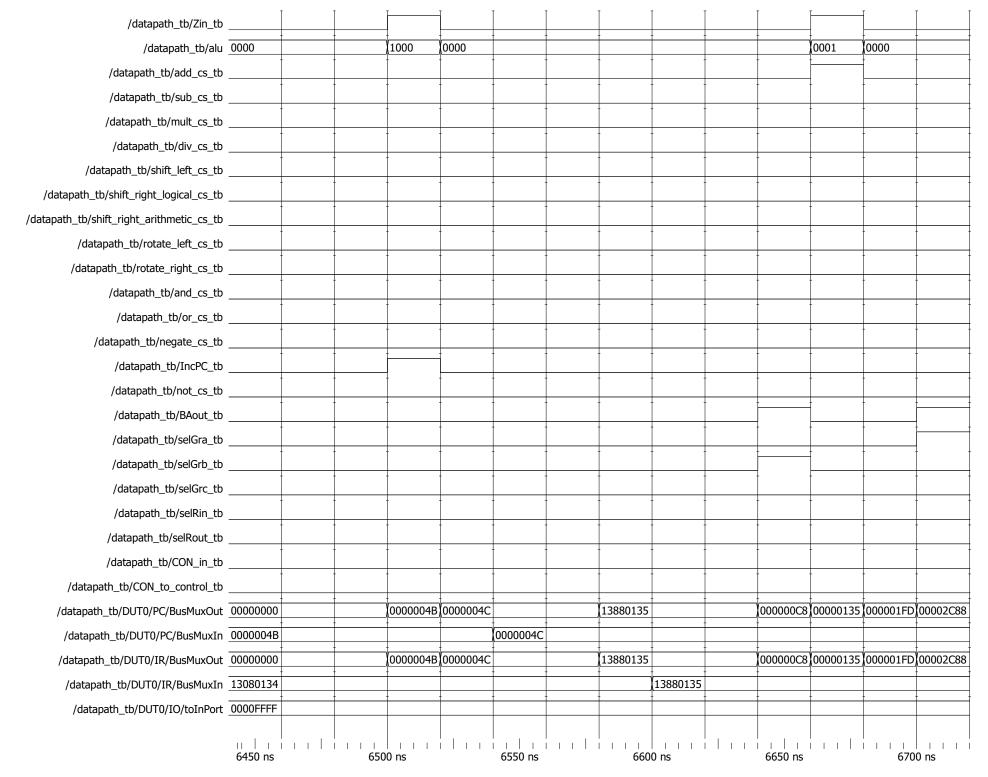




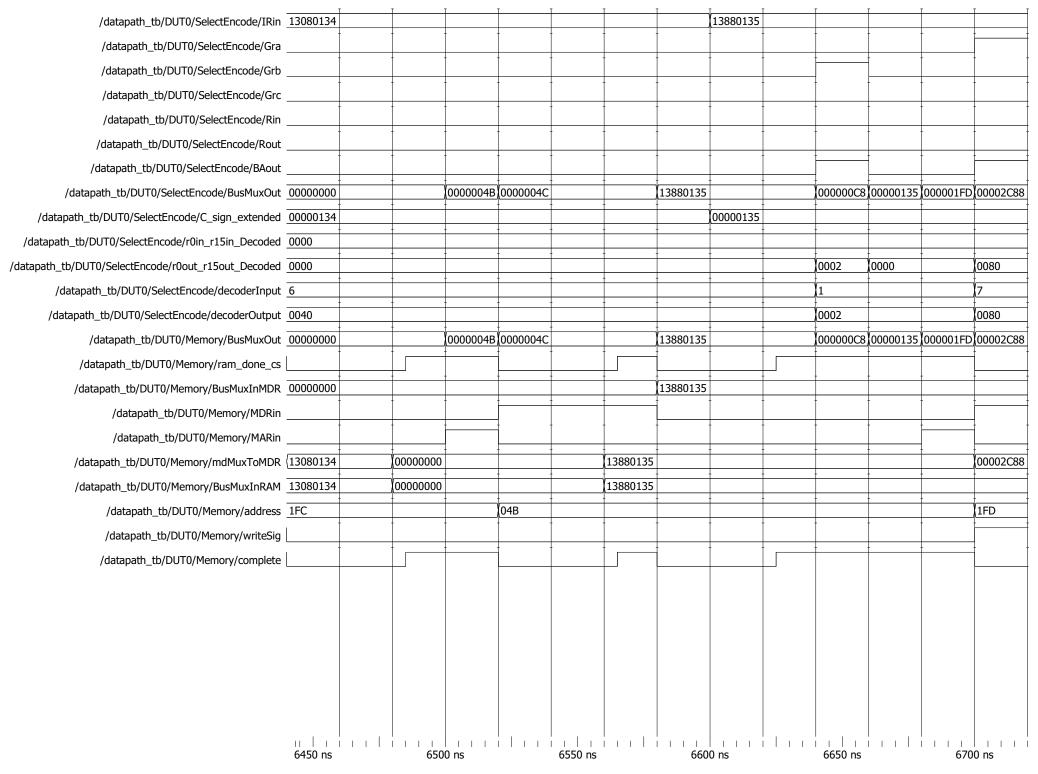


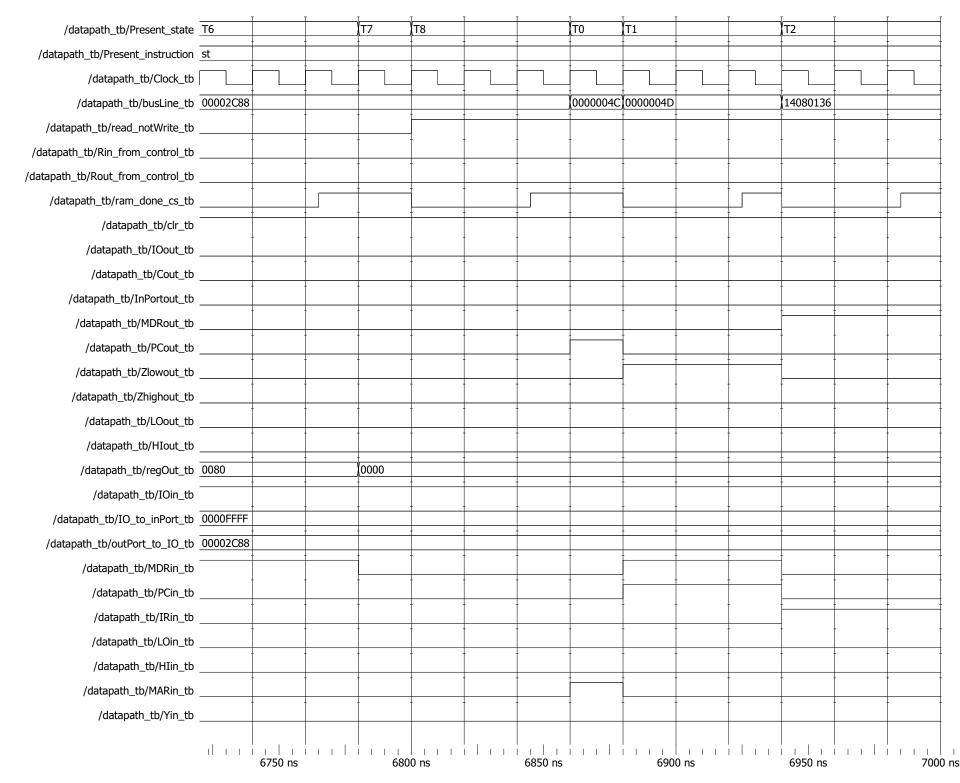


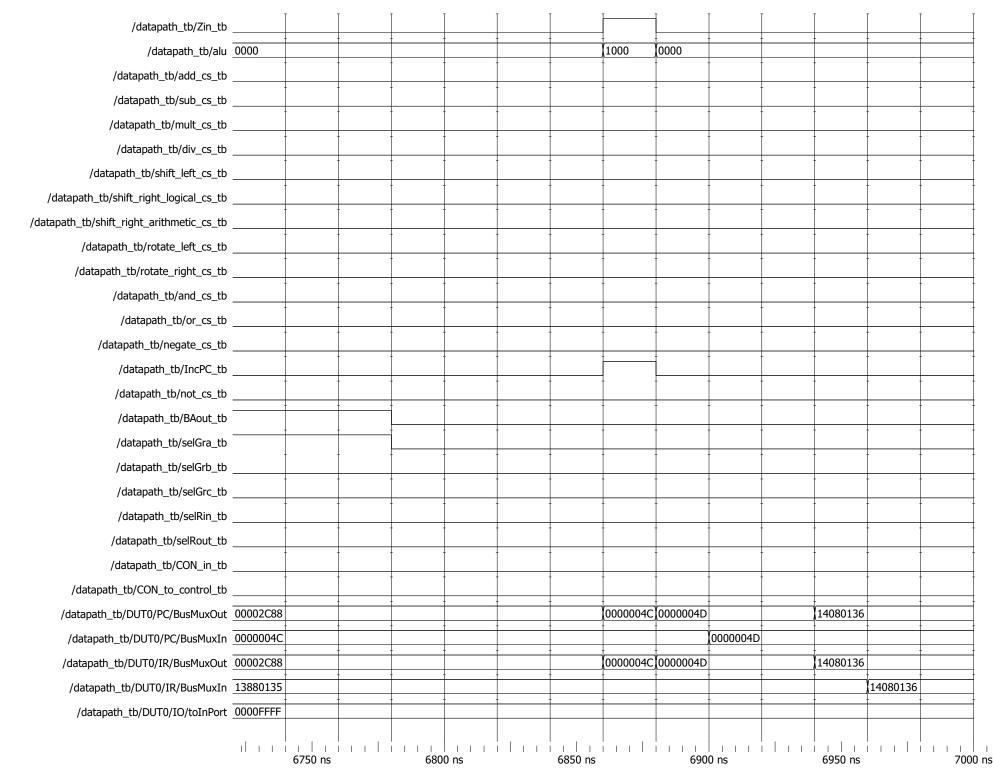


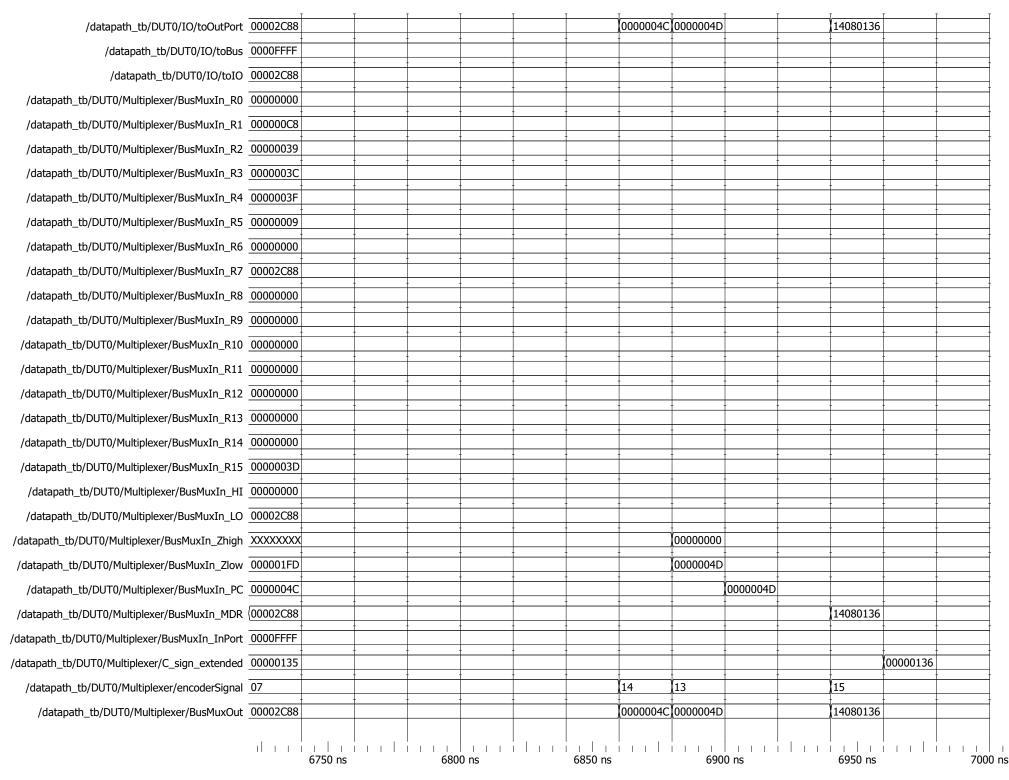


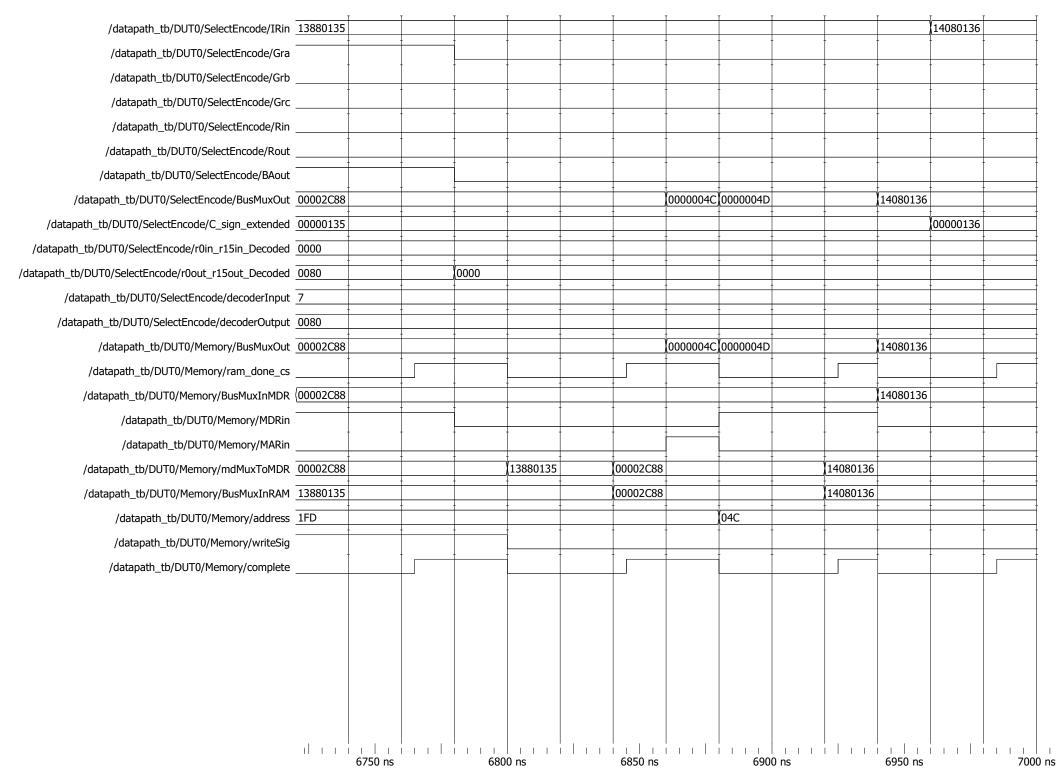
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/datapath_tb/DUT0/Multiplexer/BusMuxIn_Zhigh		-			00000000								xxxxxxx	
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/datapath_tb/DUT0/Multiplexer/BusMuxOut	00000000			0000004B	0000004C			13880135			000000C8	00000135	000001FD	00002C88
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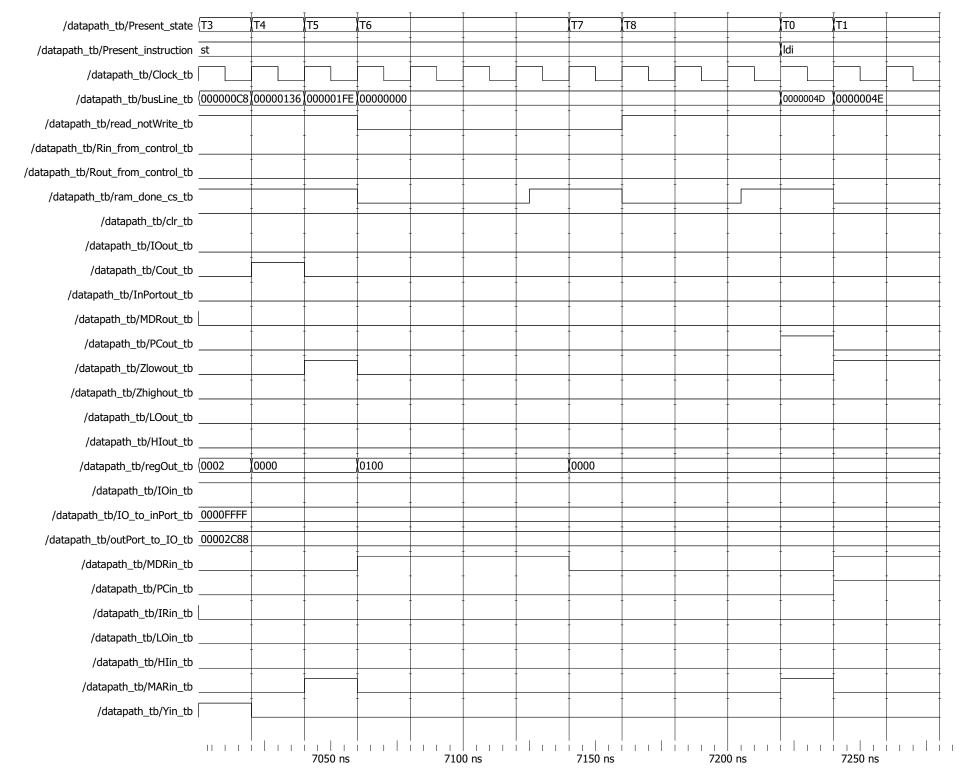


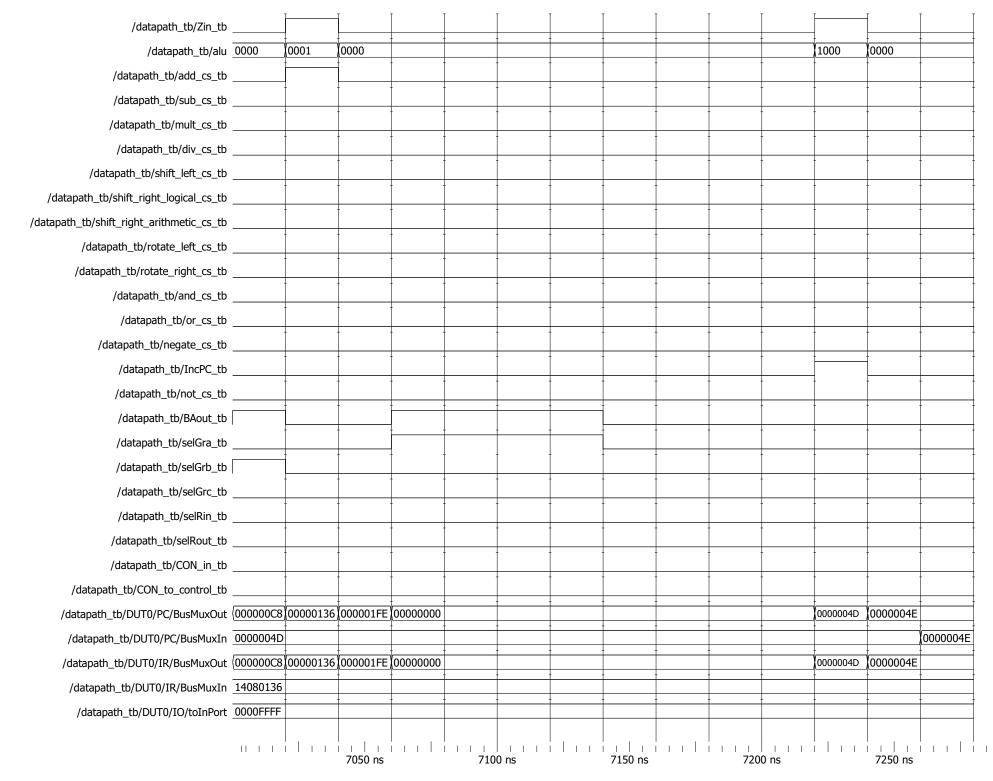




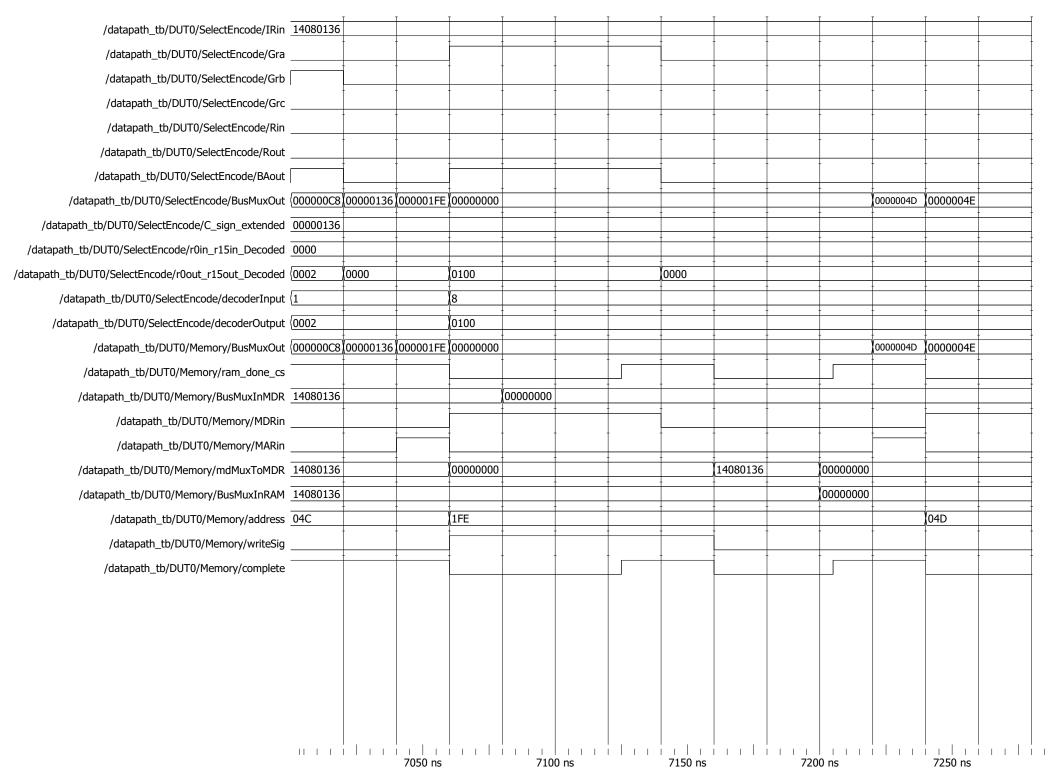


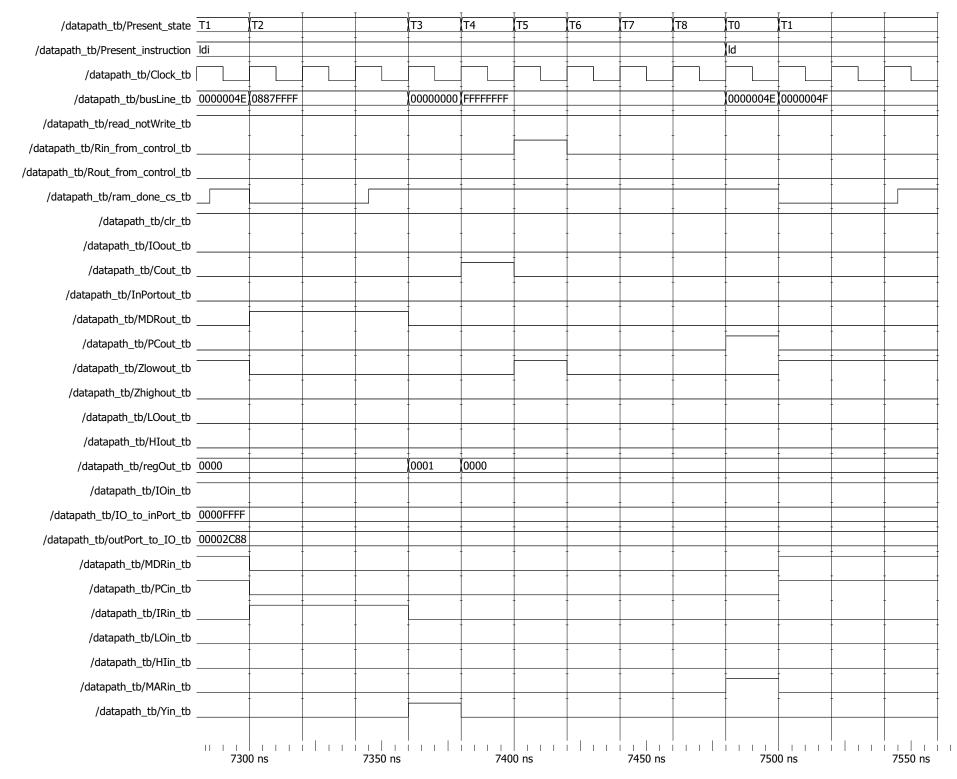


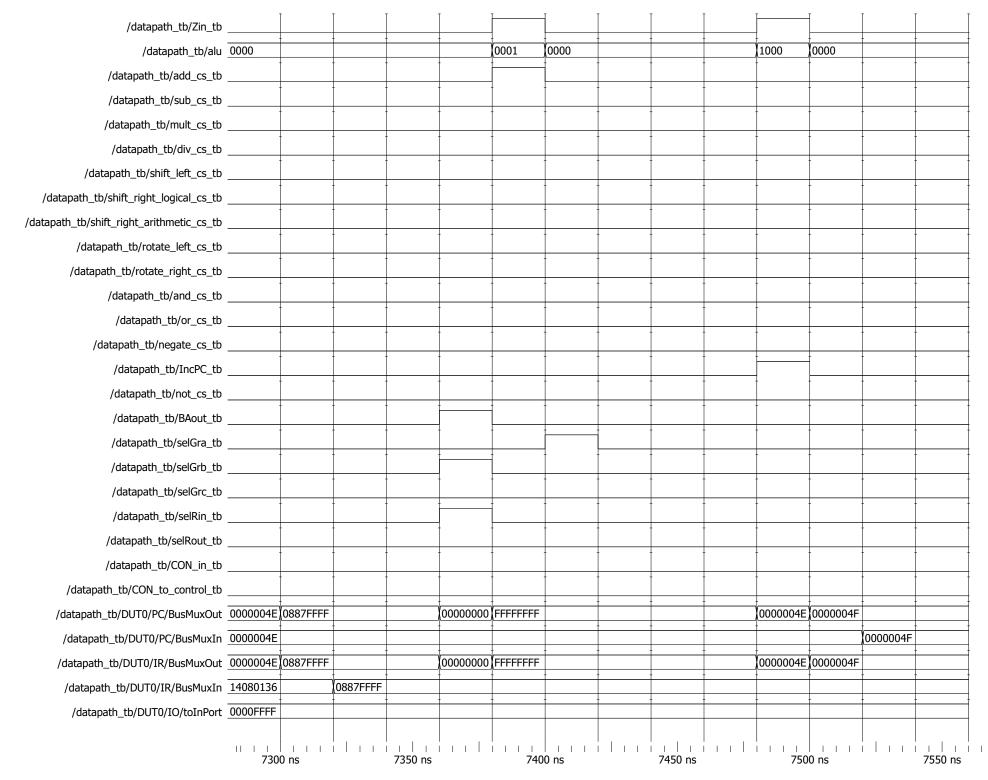




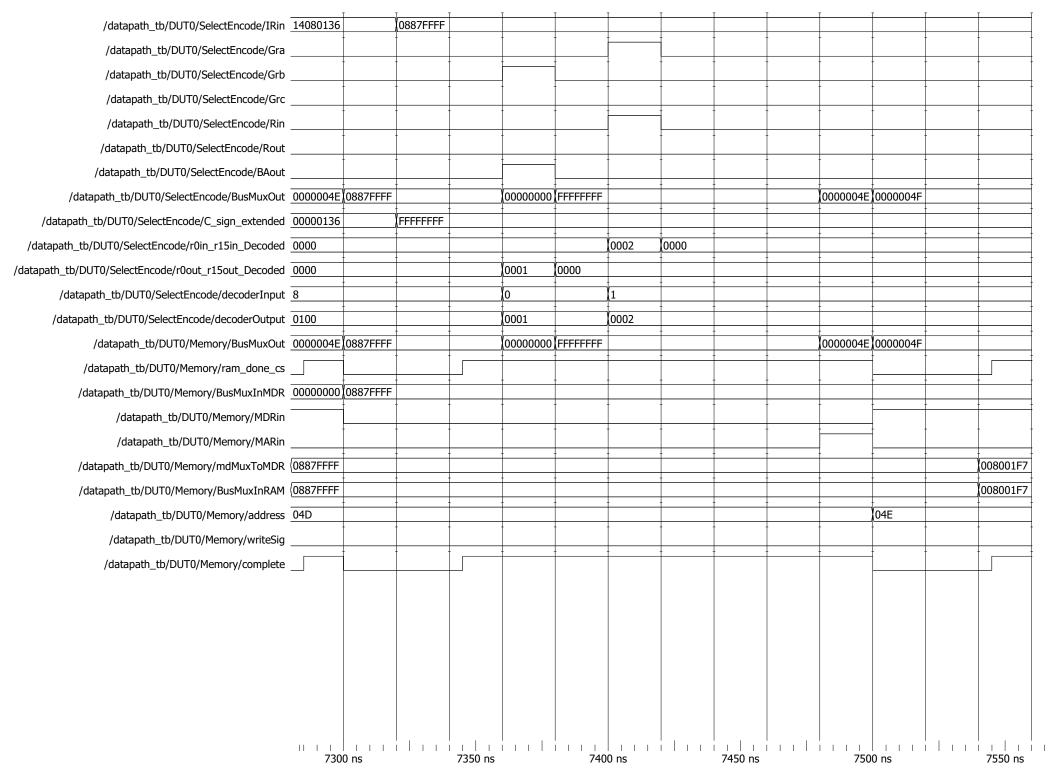


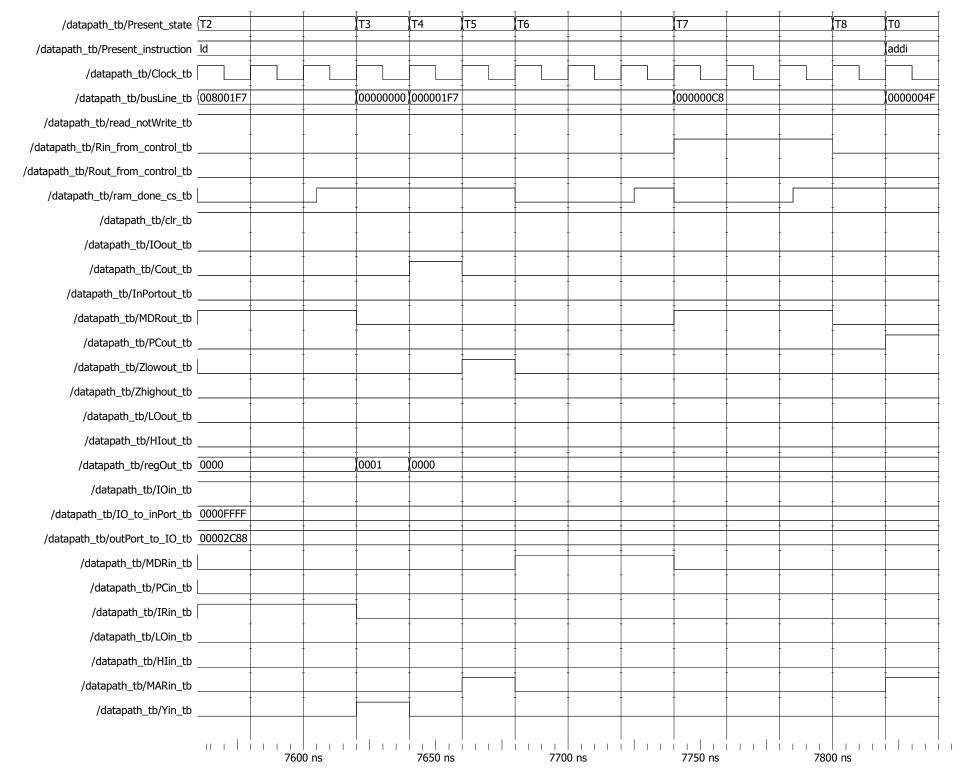


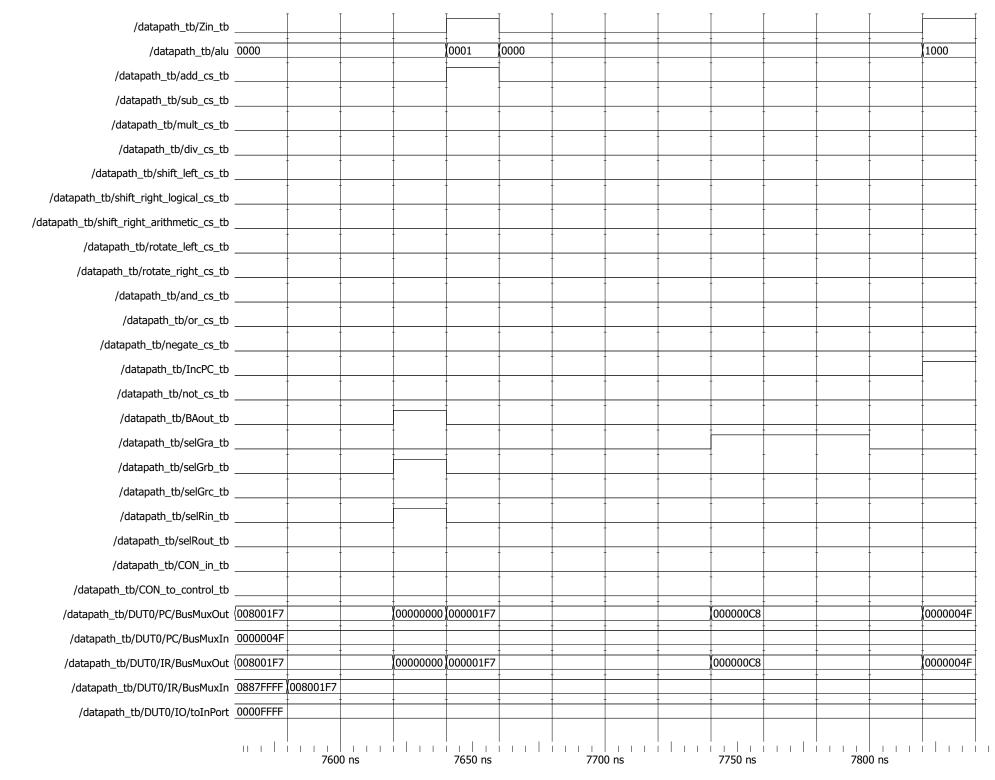


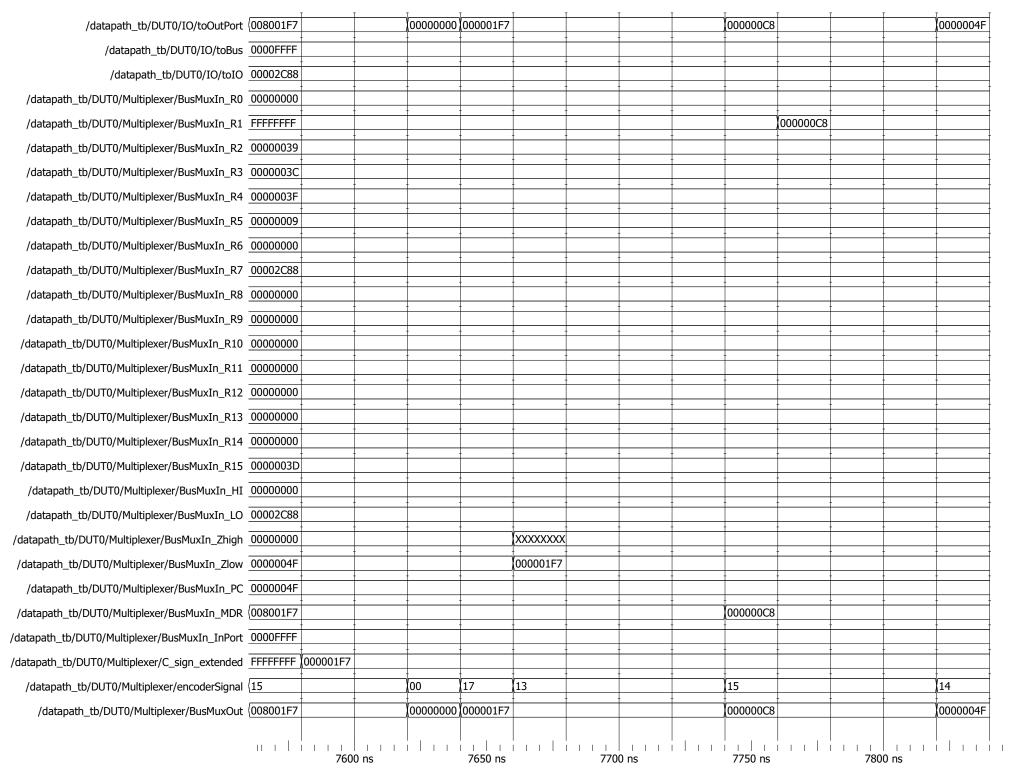


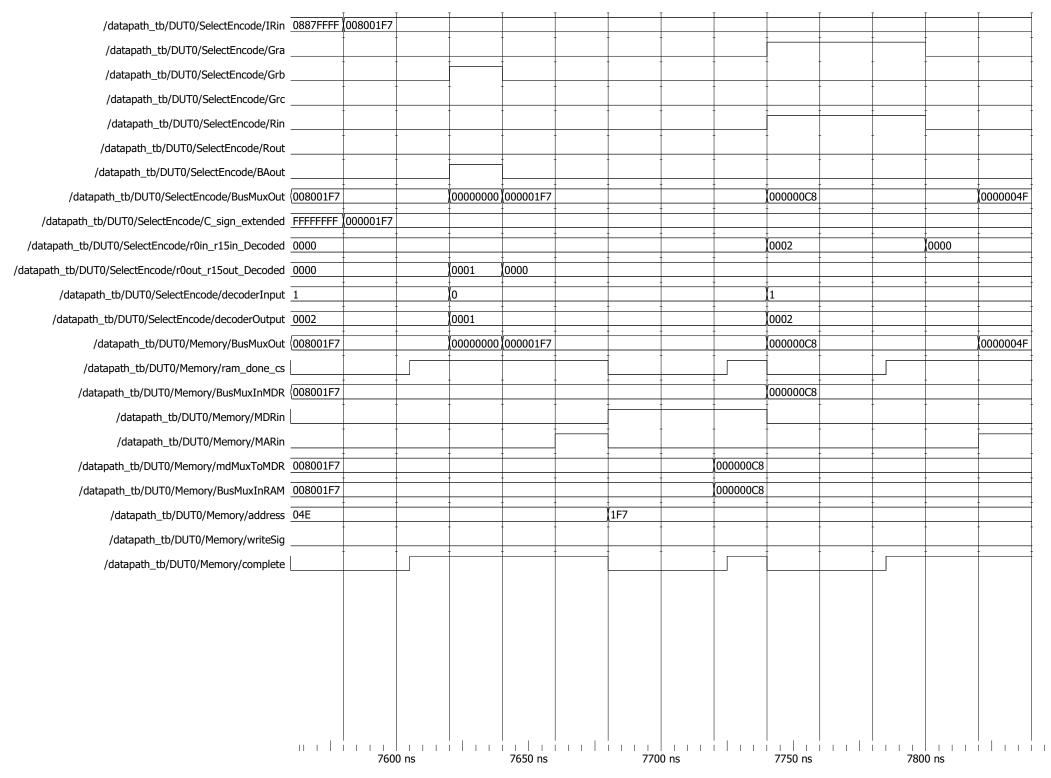
/data math th /DI ITO /IO /toO. tDout	00000045	0007555	· I	-	00000000	Teccecce .		<u> </u>	<del>                                     </del>		0000004E	00000045	<del>                                     </del>	
/datapath_tb/DUT0/IO/toOutPort		U88/FFFF			100000000	FFFFFFF					0000004E	0000004F		
/datapath_tb/DUT0/IO/toBus	0000FFFF			-				-						
/datapath_tb/DUT0/IO/toIO	00002C88													
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R0	00000000													
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R1	000000C8		-	•	-	-		FFFFFFF	-				+	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R2	00000039	-		-	-		-		-		-	_	-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R3		-	-		-	-	-		-		-	-	-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R4		-		:	-								-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R5					-	-	-	-			-	-	-	
		-		-	-				-		-			-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R6		-		-	-		-		-		-		-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R7	00002C88			•	-	-			-		-			-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R8	00000000													
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R9	00000000													
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R10	00000000													
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R11	00000000													
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R12	00000000			•									-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R13	00000000				-								-	-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R14													-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R15	0000003D												-	-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_HI	00000000			•										
/datapath_tb/DUT0/Multiplexer/BusMuxIn_LO	00002C88							-			<u>+</u>			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_Zhigh							XXXXXXXX					00000000		
/datapath_tb/DUT0/Multiplexer/BusMuxIn_Zlow	0000004E	-		•	-		FFFFFFF		-			0000004F	•	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_PC	0000004E			•									0000004F	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_MDR	00000000	0887FFFF		•					-		-		•	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_InPort	0000FFFF										<u> </u>			-
/datapath_tb/DUT0/Multiplexer/C_sign_extended	00000136		FFFFFFF	-					-				+	
/datapath_tb/DUT0/Multiplexer/encoderSignal	13	15		•	00	17	13				14	13		
/datapath_tb/DUT0/Multiplexer/BusMuxOut	0000004E	0887FFFF		-	00000000	FFFFFFF					0000004E	0000004F		-
	 730		1 1 1 1	┌		 	 	 	 	ı ı l	750	0 ns		7550 ns

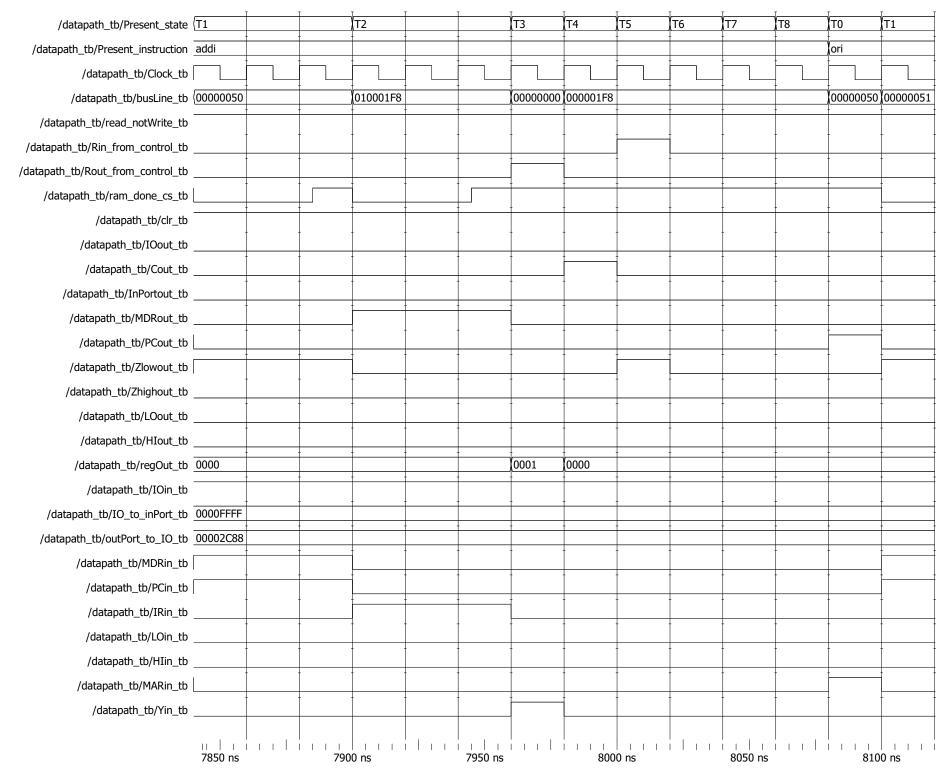


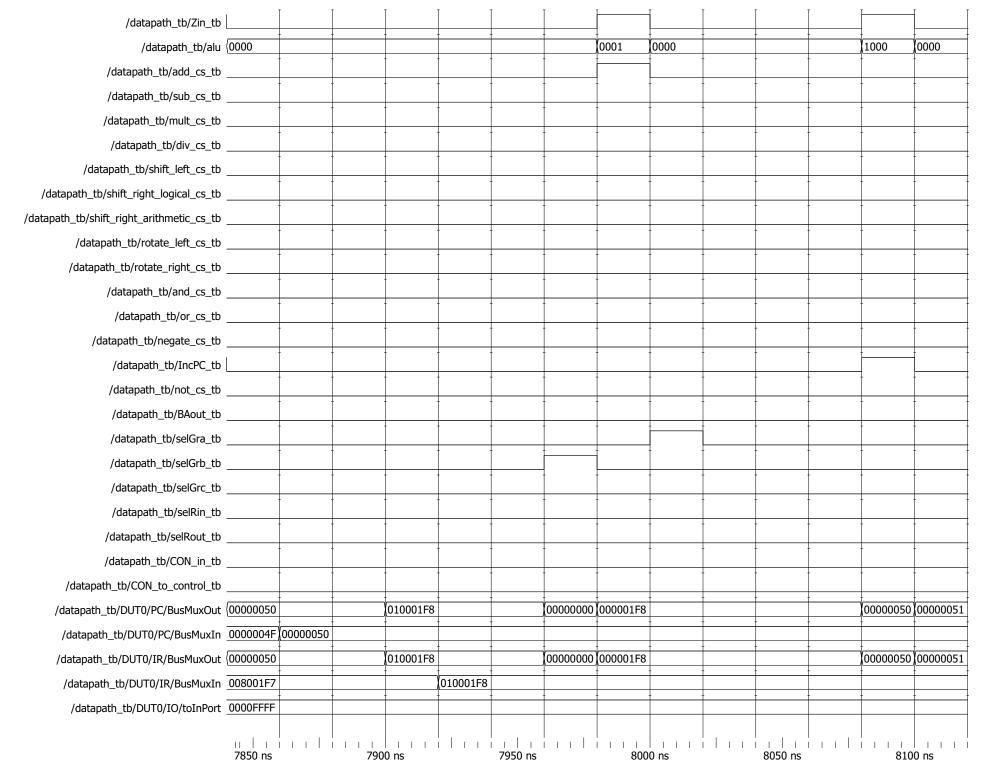




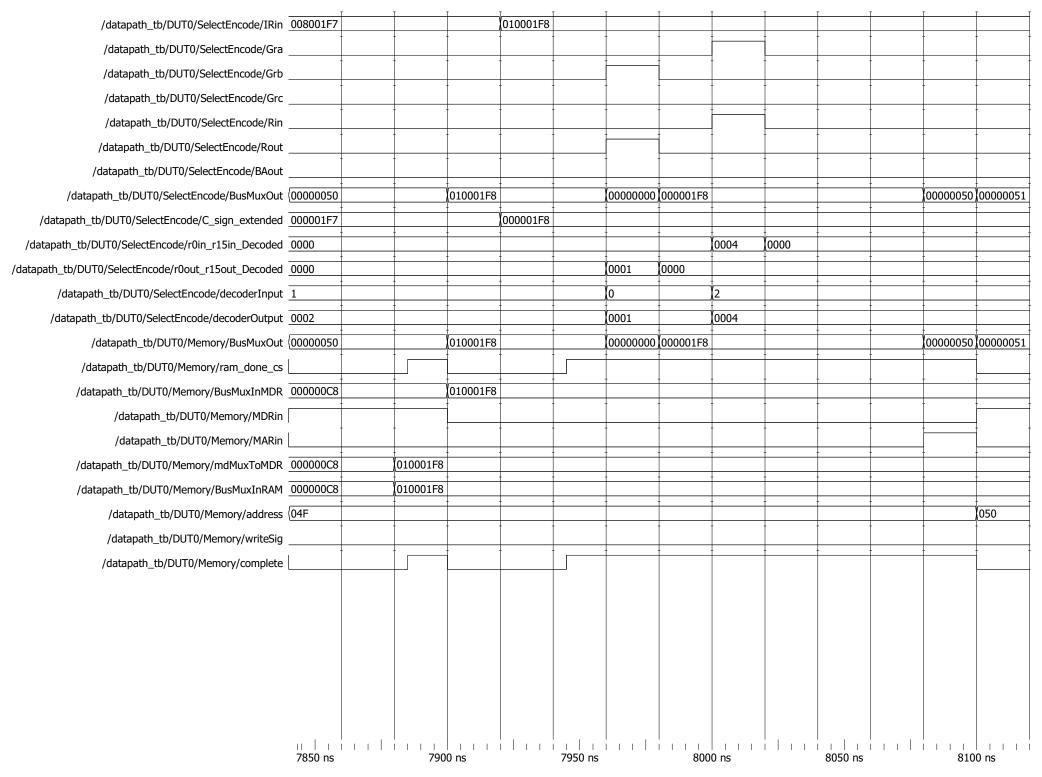


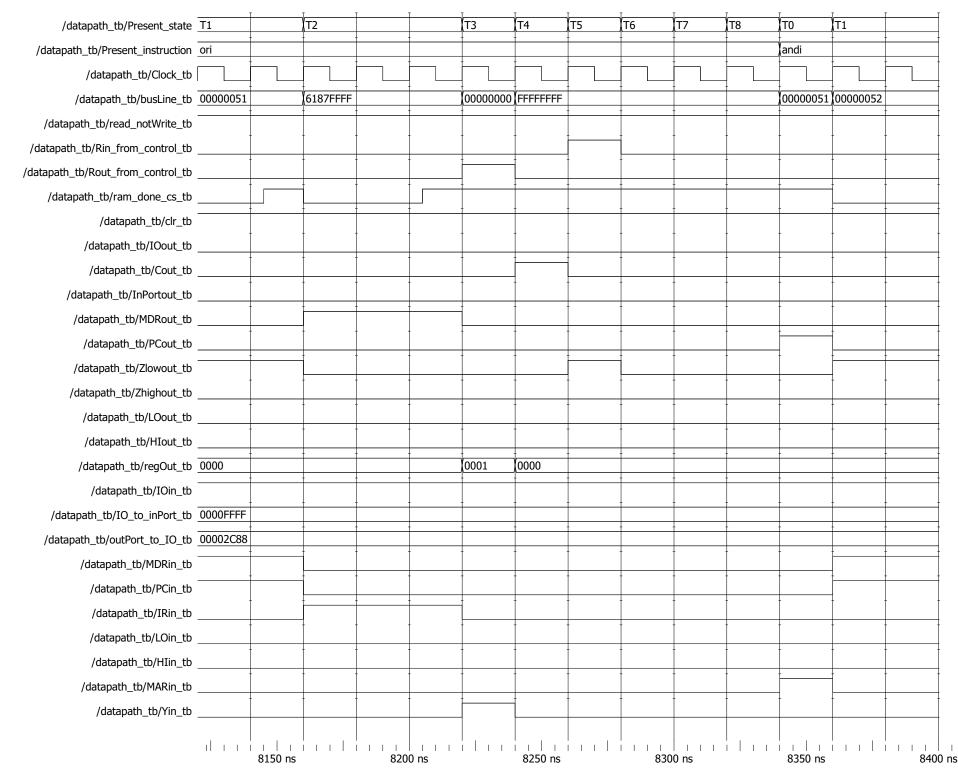


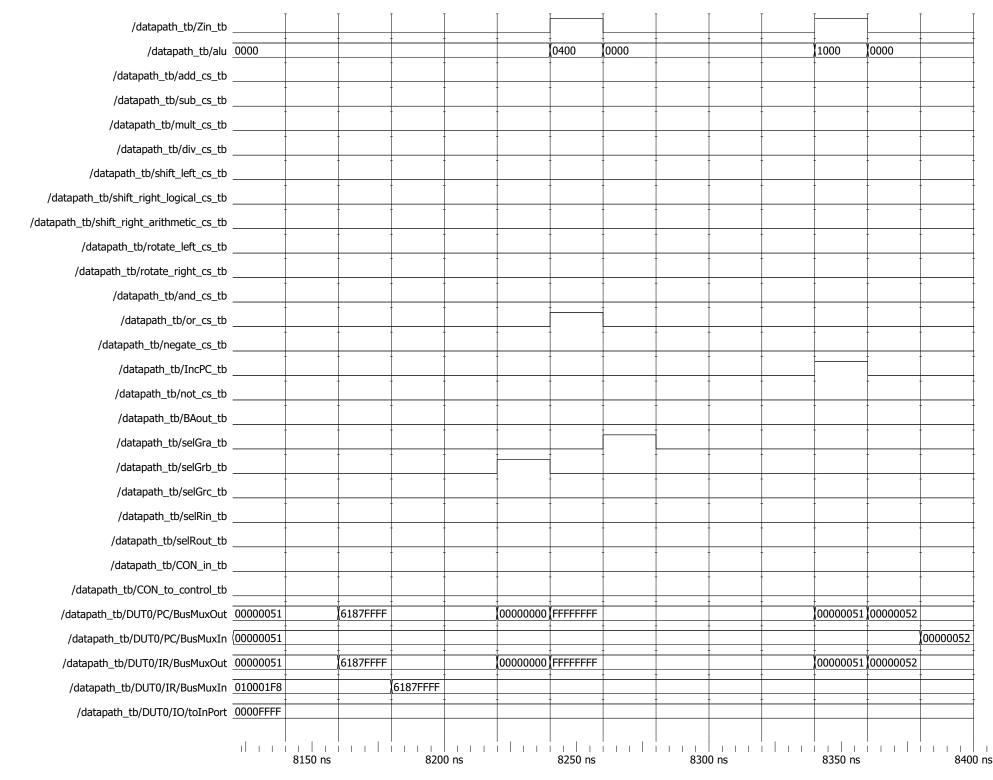




/datapath_tb/DUT0/IO/toOutPort	00000050		010001F8			00000000	000001F8		•			00000050	00000051
/datapath_tb/DUT0/IO/toBus	0000FFFF					•			•				
/datapath_tb/DUT0/IO/toIO	00002C88		•			-						-	-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R0	00000000		-			-							
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R1	000000C8		-			-		-	-	-			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R2	00000039		-			-			000001F8	-			
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R3	0000003C		•			-		-	-				
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R4	000003F		•			-		-	-				
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R5	00000009		•			-			-				
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R6	00000000		•			-		-	-				
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R7	00002C88		•			-				-		-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R8	00000000		•			•							
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R9	00000000		•			•							
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R10	00000000		•			•							
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R11	00000000		•			•			•				
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R12	00000000		•			•			•				
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R13	00000000		•			•			•				
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R14	00000000		•			•			•				
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R15	0000003D		•			•			•				
/datapath_tb/DUT0/Multiplexer/BusMuxIn_HI	00000000		•			•			•				
/datapath_tb/DUT0/Multiplexer/BusMuxIn_LO	00002C88		•			•	•		•				
/datapath_tb/DUT0/Multiplexer/BusMuxIn_Zhigh	00000000					•		XXXXXXX					00000000
/datapath_tb/DUT0/Multiplexer/BusMuxIn_Zlow	00000050					•		000001F8	•				00000051
/datapath_tb/DUT0/Multiplexer/BusMuxIn_PC	0000004F	0000050				•							
/datapath_tb/DUT0/Multiplexer/BusMuxIn_MDR	000000C8		010001F8			•			•				
/datapath_tb/DUT0/Multiplexer/BusMuxIn_InPort	0000FFFF					•							
/datapath_tb/DUT0/Multiplexer/C_sign_extended	000001F7			000001F8		•			•				
/datapath_tb/DUT0/Multiplexer/encoderSignal	13		15			00	17	13	•			14	13
/datapath_tb/DUT0/Multiplexer/BusMuxOut	00000050		010001F8			00000000	000001F8	•	•			00000050	00000051
	7850 ns		 		7950 ns	1 1 1	800		1 1 1	 8050 ns	1 1 1	810	 







/datapath_tb/DUT0/IO/toOutPort	00000051		6187FFFF			00000000	FFFFFFF					0000005	1 00000052	
/datapath_tb/DUT0/IO/toBus	0000FFFF													
/datapath_tb/DUT0/IO/toIO	00002C88		-	-		-							-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R0	00000000	-	-			-						-		
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R1	000000C8	-	-			-				-	-	-	-	+
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R2	000001F8		-					-		-	-	-	+	+
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R3		-	-						FFFFFFF		-	-	-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R4	-	-										-	-	-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R5														-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R6	-	-	-			-					-	-	-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R7	-										-	-	-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R8	-												-	-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R9		-										-		
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R10											-	-	-	-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R11	-										-	-	-	-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R12														-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R13	-										-	•		
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R14	-										-	-	-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_R15	-											-	+	-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_HI	-										-	-		-
	+										-	-	-	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_LO											-	-	•	-
/datapath_tb/DUT0/Multiplexer/BusMuxIn_Zhigh	-										-	-	V000000E3	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_Zlow								FFFFFFF			-	-	00000052	
/datapath_tb/DUT0/Multiplexer/BusMuxIn_PC								-		-	-	-		00000052
/datapath_tb/DUT0/Multiplexer/BusMuxIn_MDR	-		6187FFFF								-	-		
/datapath_tb/DUT0/Multiplexer/BusMuxIn_InPort	+			· .							-			
/datapath_tb/DUT0/Multiplexer/C_sign_extended				FFFFFFF						-	-			
/datapath_tb/DUT0/Multiplexer/encoderSignal		-	15			00	17	13		-	-	14	13	
/datapath_tb/DUT0/Multiplexer/BusMuxOut	00000051		6187FFFF			00000000	FFFFFFF					0000005	1 00000052	
		8150 ns	 	820	 	 	8250 ns	 	 		 	8350 ns		 

