Time					100 ns					210 15					311 15					40 ls		
clk=1					┰		ЛL			ЛL					ЛL							
reset=0																						
PC[31:0]=0000001C	xxx+ 000000000	00000004	00000008	0000000C	<b>X</b> 0000001	0 00000014	<b>X</b> 00000000	00000010	00000014	<b>X</b> 0000000	C <b>X</b> 00000010	00000014	0000000C	00000010	<b>X</b> 0000001	4 <b>X</b> 0000000C	00000010	00000014	00000018	0000001	C <b>X</b> 00000020	
tDBtheReg[3:0]=2	2																					
tDBtheRegVal[31:0]=000000F	xxx+ 000000000				(0000000	5		00000009			0000000C			0000000E			0000000F					
A[31:0]=0000001C	xxx+ 000000000	00000004	00000008	0000000C	(0000001	0 (00000014	<b>X</b> 00000000	00000010	00000014	<b>X</b> 0000000	C <b>X</b> 00000010	00000014	<b>(</b> 0000000C	00000010	<b>X</b> 0000001	4 <b>X</b> 0000000C	00000010	00000014	00000018	0000001	C <b>X</b> 00000020	
ALUOp=0																						
ALUControl[1:0]=00	00 (10	<b>)</b> 11		<b>X</b> 00	<b>X</b> 01	<b>X</b> 00		<b>X</b> 01	<b>X</b> 00		<b>X</b> 01	<b>X</b> 00		<b>X</b> 01	<b>X</b> 00		<b>X</b> 01	<b>X</b> 00				
Instr[31:0]=E5935000	xxx+ E2022000	E3823000	Œ3834005	E0822004	Œ254400	1 XIAFFFFFC	Œ0822004	E2544001	1AFFFFFC	<b>X</b> E082200	4 <b>X</b> E2544001	1AFFFFFC	E0822004	E2544001	X1AFFFFF	C XE0822004	Œ2544001	1AFFFFFC	Œ5832000 X	E593500	O <b>X</b> EAFFFFFE	
Cond[3:0]=E	x E					(1	Æ		<b>\1</b>	Æ		<b>X</b> 1	Œ		1	Æ		<b>X</b> 1	Æ			
Op[1:0]=01	хх (00					<b>X</b> 10	00		(10	<b>X</b> 00		<b>(</b> 10	00		<b>X</b> 10	(00		<b>X</b> 10	(01		<b>(</b> 10	
Funct[5:0]=19	xx 20	(38		<b>X</b> 08	(25	<b>)</b> 2F	<b>X</b> 08	25	<b>X</b> 2F	<b>X</b> 08	25	<b>X</b> 2F	(08	(25	<b>X</b> 2F	(08	<b>X</b> 25	X2F	(18 )	19	<b>\2</b> F	
Flags[3:0]=4	х 4		<b>X</b> 0		<b>X</b> 2		<b>X</b> 0	(2		χ0	(2		(0	<b>X</b> 2		(0	<b>X</b> 6	<b>X</b> 2	<b>\</b> 4		χ2	
ALUFlags[3:0]=4	х 4		<b>X</b> 0		<b>X</b> 2		<b>X</b> 0	<b>X</b> 2		<b>X</b> 0	<b>X</b> 2		<b>X</b> 0	<b>X</b> 2		<b>X</b> 0	<b>X</b> 6	<b>X</b> 2	<b>\</b> 4		(2	
RegW=1																						
RegWrite=1																						
theData[23:0]=935000	xxx+ 022000	823000	834005	822004	<b>X</b> 544001	FFFFFC	822004	544001	FFFFFC	822004	544001	FFFFFC	822004	544001	XFFFFFC	822004	544001	FFFFFC	832000	935000	FFFFFE	
ExtImm[31:0]=00000000	00000000		00000005	00000004	<b>X</b> 0000000	1 XFFFFFFF0	00000004	00000001	FFFFFFF0	<b>X</b> 0000000	4 <b>X</b> 00000001	FFFFFFF0	00000004	00000001	XFFFFFFF	00000004	00000001	FFFFFFF0	00000000		FFFFFFF8	
SrcA[31:0]=00000000	xxx+ 00000000				<b>X</b> 0000000	5 <b>X</b> 0000001C	00000005	00000004	0000001C	<b>X</b> 0000000	9 <b>X</b> 00000003	0000001C	0000000C	00000002	<b>X</b> 0000001	C <b>X</b> 0000000E	00000001	0000001C	00000000		00000028	
SrcB[31:0]=00000000	xxx+ 00000000		00000005		<b>X</b> 0000000	1 (FFFFFFF)	00000004	00000001	FFFFFFF0	<b>X</b> 0000000	3 <b>X</b> 00000001	FFFFFFF0	00000002	00000001	<b>X</b> FFFFFFF	00000001		FFFFFFF0	00000000		FFFFFFF8	
ALUResult[31:0]=00000000	xxx+ 000000000		00000005		(0000000	4 <b>X</b> 0000000C	00000009	00000003	<b>X</b> 0000000C		00000002	<b>X</b> 0000000C	0000000E	00000001	<b>X</b> 0000000	C <b>X</b> 0000000F	00000000	X0000000C	00000000		00000020	
A3[3:0]=5	х 2	(3	<b>X</b> 4	<b>X</b> 2	<b>X</b> 4	(F	(2	<b>/</b> 4	F	<b>X</b> 2	<b>\</b> 4	F	(2	4	Æ	(2	4	\F	)2 X	5	Æ	
WE3=1																						
WD3[31:0]=0000000F	xxx+ (00000000		00000005		(0000000	4 <b>X</b> 0000000C	00000009	00000003	0000000C		00000002	0000000C	0000000E	00000001	(0000000	C (0000000F	00000000	X0000000C	(00000000 )	000000	F <b>X</b> 00000020	
WE=0																						
A[31:0]=00000000	xxx+ 000000000		<b>X</b> 00000005		(0000000	4 <b>X</b> 0000000C	00000009	00000003	<b>X</b> 0000000C		00000002	<b>X</b> 0000000C	0000000E	00000001	(0000000	C <b>X</b> 0000000F	00000000	<b>X</b> 0000000C	00000000		00000020	
WD[31:0]=00000000	xxx+ (00000000			00000005	(0000000	0	00000004	(00000000		0000000	3 (00000000		00000002	00000000		00000001	00000000		0000000F X	0000000	0	
RD[31:0]=0000000F	XXXXXXX																			000000	F	
																				-11		