EX_MEM_IR[31:0]=02513480	20000000X 20000000X 20000000X 20000000X 20000000X	00000001 (0000002 (0000002 (02208300 (0000006 (0000001	02208300 02209380 xxxxxxxxxx 00000002 02308400	\( \) \( \)	00000001 02304400 00000002 00000005 00000025 02513480	00000007 02513480 00000001 00000004 00000024 02400500
EX_MEM_IR[31:0]=02513480	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	00000001 0000002 0000002 02208300 0000006 00000001	02208300 02209380 xxxxxxxxxx 00000002 02308400	\( \) \( \)	0230A400 00000002 00000005 00000025 02513480	02513480 00000001 00000004 00000024 0240C500
ID_EX_A[31:0]=00000001	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	00000001 00000002 00000022 02208300 00000006 00000001	02209380 (xxxxxxxxx (0000002 (023084000 (02308400 (02308400 (02308400 (02308400 (02308400 (0230840000000 (023084000 (023084000 (023084000 (023084000 (023084000 (023084000 (023084000 (0230840000000000000000000000000000000000	X00000003 X00000023 X0230A400 X0000003	00000002 00000005 00000025 02513480	00000001 00000004 00000024 0240C500
ID_EX_B[31:0]=00000004         xxx           ID_EX_IMMEDIATE[31:0]=000000024         xxx           ID_EX_IR[31:0]=0240C500         xxx           ID_EX_RD[31:0]=xxxxxxxxx         xxx           ID_EX_npc[31:0]=00000005         xxx           IF_ID_IR[31:0]=02415580         022           IF_ID_npc[31:0]=00000006         000           MEM_WB_ALUOUT[31:0]=00000001         xxx           MEM_WB_IR[31:0]=0230A400         xxx	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	00000002 00000022 02208300 00000006 00000001 02209380	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	X0000003 X0000023 X0230A400 X0000003	00000005 00000025 02513480	00000004 00000024 0240C500
ID_EX_IMMEDIATE[31:0]=00000024	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	00000022 02208300 00000006 00000001 02209380	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	X0000023 X0230A400 X0000003	0000025 02513480	00000024 0240C500
ID_EX_IR[31:0]=0240C500         XXX           ID_EX_RD[31:0]=XXXXXXXXX         XXXX           ID_EX_npc[31:0]=00000005         XXX           IF_ID_IR[31:0]=02415580         022           IF_ID_npc[31:0]=00000006         000           MEM_WB_ALUOUT[31:0]=00000001         XXX           MEM_WB_IR[31:0]=0230A400         XXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	02208300 00000006 00000001 02209380	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	X0230A400 X0000003	02513480	0240C500
ID_EX_RD[31:0]=xxxxxxxxx	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	00000006 00000001 02209380	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	X00000003		
ID_EX_npc[31:0]=00000005	208300	00000001 (02209380	00000002 0230A400		0000004	00000005
<pre>IF_ID_IR[31:0]=02415580</pre>	208300 000001 xxxxxxx	02209380	0230A400		0000004	
IF_ID_npc[31:0]=0000006	000001 XXXXXX				0010000	00000005
MEM_WB_ALUOUT[31:0]=00000001 xxx MEM_WB_IR[31:0]=0230A400 xxx	XXXXXX	00000002				02415580
MEM_WB_IR[31:0]=0230A400 XXX			00000003		00000005	00000006
	vvvvvv				FFFFFFF	00000001
MEM_WB_LDM[31:0]=xxxxxxxx xxx				02208300	02209380	0230A400
	XXXXXX					
	XXXXXX				00000003	PPPPPPP
clk=1						
npc[31:0]=00000006 000 rn=0	000001	00000002	0000003	(00000004	0000005	0000006