L							
Time A_input[7:0]=00						100 ns	
A_input[7:0]=00	OF	14	X1E	28	X 32	X 3C	(OA
Barrel_Input[7:0]=00	14	04	X 03	(OA		X 01	X 02
barrelshift_enable=0							
barrelshift_left_right=0							
Shift_amount[2:0]=000	001		X 010		X 001		(100
barrel_output_alu_input[7:0]=00	0A	X 04	X 0C) 28		X 01	X 20
op_code_alu=0							
Complete_Output[7:0]=00	05) 18	X 2A	X 00	XOA	X 3D	X 2A