Time	100 ns	200 ns 300 ns 400 ns 500	ns 600 hs 700 hs	800 hs 900 hs	1 us 1100 hs 1200	is 1300 tis 1400 tis	1500 rts
clock_clk=0							
reset_reset=0							
main_state=main_write	main_write						
Avalon Master Write							
write_state=wait_valid	wait_valid	/wr+ /////wait_val	id	/wr+ XXXXwait_valid	/wr+ XXX wait_valid	/wr+ XXXXwait_valid	Xwr+ XXXXwa
avm_m0_write_n=1							
write_address[24:0]=000000	000000	()(000000	X00+ XX000000	X00+ X X000000	X00+ X X000000	X00+ XX000000	X00+ X X0000
avm_m0_writedata[15:0]=0000	0000	()(0000	X00+ XX0000	X00+ X X0000	(00+ <b>X</b> )(0000	X00+ XX0000	(00+ <b>X</b> )(0000
data_in_buffer[23:0]=0040FF	000000	(0000FF	X0001FF	X0002FF	X0003FF	X0004FF	X0005FF
asi_in0_data[23:0]=0040FF	000000	(0000FF	(0001FF	(0002FF	X0003FF	X0004FF	X0005FF
asi_in0_endofpacket=0							
avm_m0_waitrequest=1							
avm_m0_address[24:0]=000000	000000	()(000000	X00+ X X000000	X00+ X X000000	(00+ X (000000	(00+ )()(000000	(00+ <b>X</b> )(0000
caddr calculation read							
conduit_col_info_col_nr[8:0]=000	000						
addr_a_preload[24:0]=000000	000000						
addr_b_preload[24:0]=000000	000000						
addr_valid=1							
addr_ready=0							
Avalon Master Read							
read_state=idle	idle						
avm_m0_read_n=1							
fire_pending=0							
read_address[24:0]=000000	000000						
avm_m0_readdata[15:0]=0000	0000						
avm_m0_readdatavalid=0							
active_aso_data[23:0]=000000	000000						
Stream A out							
aso_out0_a_data[23:0]=000000	000000						
aso_out0_a_valid=0							
aso_out0_a_ready=1							
aso_out0_startofpacket_1=0							
aso_out0_endofpacket_1=0							
Stream B Out							
aso_out1_b_data[23:0]=000000	000000						
aso_out1_b_valid=0							
aso_out1_b_ready=1							