Time	$\overline{1}$						10 us				20	us			30/us			40 to
clk=0																		
adc_clk=x																		
we=0																		
trigger_sel[3:0]=0	0																	
trigger_vdd[3:0]=X	0 0	0	<b>X</b> 0	0	0 0	0	<b>X</b> 0	<b>X</b> 0	(0 (0	0	(0	<b>)</b> (0	<b>X</b> 0 <b>X</b> 0	0	0	0	0 0	I
trigger_vdd[3]=x																		
trigger_vdd[2]=x																		
trigger_vdd[1]=x																		
trigger_vdd[0]=0	丄丄				$\perp \perp$				ot									
trigger_gnd[3:0]=X	1 1	1	1	1	11 11	1	1	1	1 1	1	1	1	1 1	1	1	1	1 11	
trigger_gnd[3]=x	_																	
trigger_gnd[2]=x	_																	
trigger_gnd[1]=x	_												1 1					
trigger_gnd[0]=1	10 40	<u> </u>	<u> </u>	I v	 	l v	l V	l v	 	Vo.		l Vo		l via	W o	Via	V. V.	
state[6:0]=XXX next_state[6:0]=XXX	0 (0		Vo.	Vo.	<b>X</b> 4 <b>X</b> 4	X4	<b>X</b> 4	X4	X8 X8	<b>X</b> 8	Wo.	<b>X</b> 8	X+ X12 X12X12	<b>X</b> 12	<b>X</b> 12	<b>X</b> 12	X+ X16	
s1_1[13:0]=xxxx	0+ (0004		N <sup>U</sup>	A <sup>U</sup>	<b>X</b> 4 <b>X</b> 4	<b>X</b> ⁴	<b>X</b> 4	A <sup>4</sup>	<b>X</b> 8 <b>X</b> 8	<b>∆</b> 8	A <sup>8</sup>	<b>A</b> 8	YTZATZ	<b>X</b> 12	<b>X</b> 12	12	<b>X</b> + <b>X</b> 16	
s1_2[13:0]=xxxx	0000	(0004																
s1_3[13:0]=xxxx	0000		(0004															
s1_4[13:0]=xxxx	0000		10001	0004														
s2_1[13:0]=xxxx	0000			N0001	(0004													====
s2_2[13:0]=xxxx	0000				Α	(0004												
s2_3[13:0]=xxxx	0000						<b>X</b> 0004											
s2_4[13:0]=xxxx	0000							(0004										
s3_1[13:0]=xxxx	0000							,	(0004									
s3_2[13:0]=xxxx	0000								·	(0004								
s3_3[13:0]=xxxx	0000										0004							
s3_4[13:0]=xxxx	0000											(0004						
s4_1[13:0]=xxxx	0000												0004					
s4_2[13:0]=xxxx	0000													0004				
s4_3[13:0]=xxxx	0000														(0004			
s4_4[13:0]=xxxx	0000															(0004		
s5_1[13:0]=xxxx	0000																(0004	
s5_2[13:0]=xxxx	0000																	
s5_3[13:0]=xxxx s5_4[13:0]=xxxx	0000																	
mean_s1[15:0]=xxxx	0000																	
mean_s2[15:0]=xxxx	0000																	
mean_s3[15:0]=xxxx	0000																	
mean_s4[15:0]=xxxx	0000																	====
mean_s5[15:0]=xxxx	0000																	
							I					I			I			