

STATE MACHINE			
name	Pow_on_Rst_FSM		
clock	CLK	posedge	
reset_signal	EOS	negedge	
reset_state	Idle	anyvalue	
default_state_is_x	1		
POR_tmo	120	parameter	
Strt_dly	20'h7FFFF	parameter	
INPUTS			
QPLL_LOCK			
MMCM_LOCK			
EOS			
CLK			
OUTPUTS			
POR	0	regdp	
MMCM_RST	0	regdp	
RUN	0	regdp	
por_cnt[6:0]	7'h00	regdp	
strtp_cnt[19:0]	20'h00000	regdp	
STATES			
POR	0	output	
MMCM_RST	0	output	
RUN	0	output	
por_cnt[6:0]	7'h00	output	
strtp_cnt[19:0]	20'h00000	output	
TRANSITIONS			
equation	1	def_type	
priority	1000		

