Time		1	M us 2	10 us 30	Of us	400	us 50	0 us 6	00 us	700 us
clk										
reset										
Go										
ClrCounter										
IncCounter										
Count [7:0]		48					48			
LoadGRBPattern										
NumLEDs[3:1]	010									
ShiftPattern										
StartCoding										
bdone										
Done										
dataOut										
qmode[1:0]	<u> </u>	(X) (10				X 00 X X+ X + X (00 X X+ X +	+ X 10			
allDone										
Ready2Go										
shipGRB										
sw[15:4]	4A9					864				
theBit										