

Timing diagram showing the relationship between various control signals and data over time. The top signal is 'Time' in microseconds (us), ranging from 0 to 30 us. The signals include:

- clk=0
- reset=1
- Go=0
- ClrCounter=x
- IncCounter=x
- Count[7:0]=XXX
- LoadGRBPattern=x
- NumLEDs[3:1]=001
- ShiftPattern=x
- StartCoding=x
- bdone=x
- Done=x
- dataOut=0
- qmode[1:0]=xx
- allDone=x
- Ready2Go=x
- shipGRB=x
- sw[15:4]=4A9
- theBit=x

clk=0																														
reset=1																														
Go=0																														
ClrCounter=x																														
IncCounter=x																														
Count [7:0]=XXX	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24					
LoadGRBPattern=x																														
NumLEDs [3:1]=001	001																													
ShiftPattern=x																														
StartCoding=x																														
bdone=x																														
Done=x																														
dataOut=0																														
qmode [1:0]=xx	00	01	00							01	00	01	00							01	00	01	00							10
allDone=x																														
Ready2Go=x																														
shipGRB=x																														
sw [15:4]=4A9	4A9																													
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