| Time | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 300 ns | 400 ns | 500 ns | 600 ns | 700 ns | 800 ns | 900 ns | 1 us | 1100 ns | |
| clk=1 | | | | | | | | | | |
| d_in[7:0]=55 | 55 | | | | | | | | | |
| en_in=1 | | | | | | | | | | |
| ready=0 | | | | | | | | | | |
| reset=0 | | | | | | | | | | |
| start=0 | | | | | | | | | | |
| c_next[9:0]=006 | | | | | | | | | 059 | |
| c_reg[9:0]=005 | | | | | | | | | 058 | |
| clk=1 | | | | | | | | | | |
| d_in[7:0]=55 | 55 | | | | | | | | | |
| d_next[9:0]=000 | 000 | | | | | | | | | |
| d_reg[9:0]=000 | 000 | | | | | | | | | |
| en_in=1 | | | | | | | | | | |
| n_next[3:0]=0 | 0 | | | | | | | | | |
| n_reg[3:0]=0 | 0 | | | | | | | | | |
| ready=0 | | | | | | | | | | |
| reset=0 | | | | | | | | | | |
| start=0 | | | | | | | | | | |
| state_next=send | send | | | | | | | | | |
| state_reg=send | send | | | | | | | | | |
| y=0 | | | | | | | | | | |
| y=0 | | | | | | | | | | |