## 3-bit Gray Code Counter Date \_\_/\_/ Assignment 4: Q1



	Excitation Table 1							
	Let the state	s be:						
	S0: 000	SI: 00 I	1182	101104 52	1010 100	54:1	10.	
	SS: 111	56:101	S	7:100	18		02	
	Mealy Machine: Stake Signam			t	58		· la	
	7.0	redge clk/	nee	edge aw	megedge cli/		28	
	(30)		51	0 52	0	53	83	
				1			ns.	
	megedgeclivi			the second	56	Tm	egedge	clk/
				1	84	1	38	0
-	(57)	_ (sc		1 35	, 0/	34	89/	
-	nege	edge	neged	Par	negedge chu/			
	1200/1-1							
-	State Table & Transition Table / Output Table							
-		18/R		02/02		F	/42	
	Cur state 1		t sta		Outpu	ti		
-								
	50	5	megedge 31	12	0		5.8	
	SI 12/	32	52	83/83	0	39	9	
	32	•	s3	1	0			
	<b>S</b> 3		SY	FR	0		36	
	54	•	55	25/35	0	38	2	
	55		36	1	0			
	\$6	•	57		0			
	57		50		1			
1								

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Assignment 4: 81 Date \_\_\_ /\_\_ /\_ Excitation Table: Let the shites lx: 00 118 Negedge Clh 50 Medy Machine: SI 32 mograd state \dlo splapar 82 \$3 54 0 83 SS 34 25 56 56 57 57 negodge cult K-Maps: Transitise Table Cudget 12 Table Toblek 50 31 mededge clk 35 54 33 50 53 57 56 12 36 23 FZ · 87 de.

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Date \_\_\_ /\_\_\_ /



## Circuit

