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Lab 5: Monostable Multivibrators

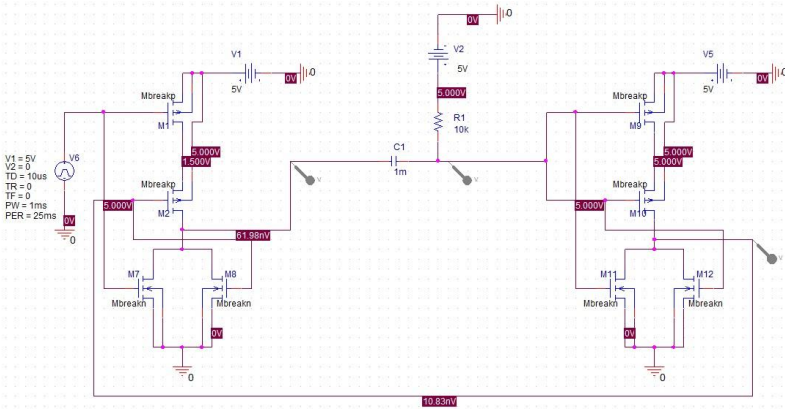


Figure 5.1: Monostable Multivibrator with 2 NOR gates @ 25ms Period, 1ms Pulse Width & $T = 6 \cdot \tau$

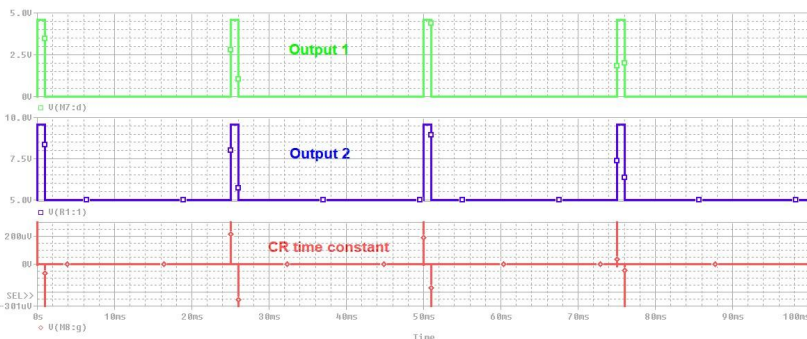


Figure 5.2: Monostable Multivibrator with 2 NOR gates @ $T = 6 \cdot \tau$ waveforms

Trace Color	Trace Name	Y1	Y2	Y1 - Y2	Y1(Cursor1) - Y2(Cursor2)	-6.7217n		
	X Values	50.541m	0.000	50.541m				
CURSOR 1,2	V(M8:g)	4.1091n	10.831n	-6.7217n	0.000	0.000	10.831n	4.1091n 7.4700n
	V(R1:1)	9.581	5.0000	4.5806	9.581	5.0000	9.581	5.0000 7.2903
	V(M7:d)	4.5817	-27.072n	4.5817	4.5817	-37.903n	4.5817	-27.072n 2.2909

Figure 5.3: Monostable Multivibrator with 2 NOR gates @ $T = 6 \cdot \tau$ cursor

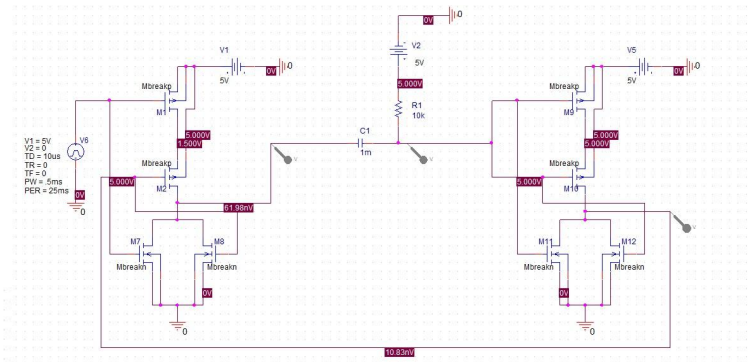


Figure 5.4: Monostable Multivibrator with 2 NOR gates @ 25ms Period, .5ms Pulse Width & $T = 12 \cdot \tau$

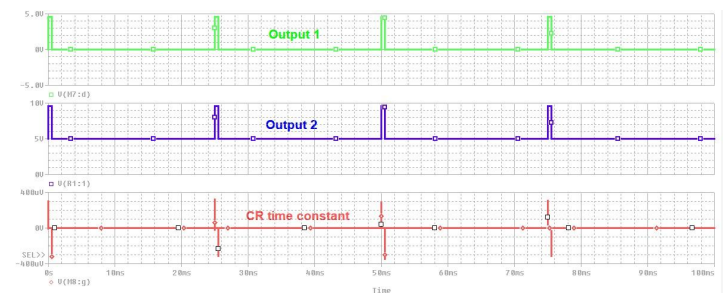


Figure 5.5: Monostable Multivibrator with 2 NOR gates @ $T = 12 \cdot \tau$ waveforms

Trace Color	Trace Name	Y1	Y2	Y1 - Y2	Y1(Cursor1) - Y2(Cursor2)	-6.8411n		
	X Values	50.268m	0.000	50.268m				
CURSOR 1,2	V(M8:g)	3.9897n	10.831n	-6.8411n	0.000	0.000	10.831n	3.9897n 7.4103n
	V(R1:1)	9.581	5.0000	4.5811	9.581	5.0000	9.581	5.0000 7.2905
	V(M7:d)	4.5817	-27.072n	4.5817	4.5817	-37.903n	4.5817	-27.072n 2.2908

Figure 5.6: Monostable Multivibrator with 2 NOR gates @ $T = 12 \cdot \tau$ cursor