

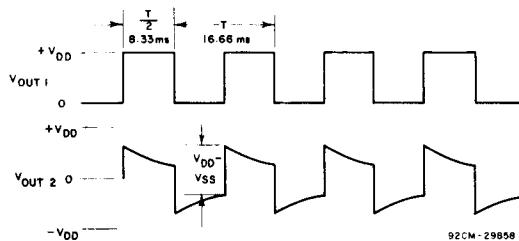
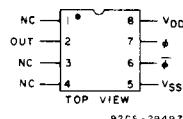
STATIC ELECTRICAL CHARACTERISTICS at $T_A = 25^\circ\text{C}$

CHARACTERISTIC	CONDITIONS			LIMITS			UNITS
	V_O (V)	V_{IN} (V)	V_{DD} (V)	Min.	Typ.	Max.	
Quiescent Device Current, I_{DD}	—	0,5	5	—	0.04	25	μA
	—	0,10	10	—	0.04	50	
Output Low (Sink) Current, I_{OL}	0,4	0,5	5	8	25	—	mA
	0,5	0,10	10	25	50	—	
Output High (Source) Current, I_{OH}	4,6	0,5	5	-8	-20	—	mA
	9,5	0,10	10	-25	-30	—	
Output Voltage: Low-Level, V_{OL}	—	0,5	5	—	0	0.05	V
	—	0,10	10	—	0	0.05	
	—	0,5	5	4.95	5	—	
	—	0,10	10	9.95	10	—	
Input Low Voltage, V_{IL}	0,5,4,5	—	5	—	—	1,5	V
	1,9	—	10	—	—	3	
Input High Voltage, V_{IH}	0,5,4,5	—	5	3,5	—	—	V
	1,9	—	10	7	—	—	
Input Current, I_{IN}	—	0,18	18	—	$\pm 10^{-5}$	± 1	μA

DYNAMIC ELECTRICAL CHARACTERISTICS at $T_A = 25^\circ\text{C}$

CHARACTERISTIC	TEST CONDITIONS	LIMITS			UNITS
		V_{DD} (V)	Typ.	Max.	
Operating Current *	$f = 3.932 \text{ MHz}$	10	1.3	3.8	mA
Oscillator Starting Voltage*	$f = 3.932 \text{ MHz}$	—	3.4	4.5	V
Input Capacitance		—	5	—	pF

*In circuit of Fig. 3 with output open.

Fig. 5 – Output waveforms for the circuit of Fig. 4
with an oscillator frequency of 3.932 MHz.

TERMINAL ASSIGNMENT