



MC1674
BEING DISCONTINUED
 (LIFETIME BUY UNTIL JUNE 14, 1989)

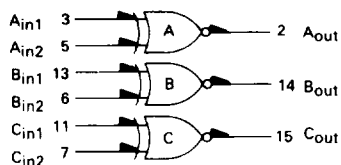
ELECTRICAL CHARACTERISTICS

Characteristic	Symbol	-30°C		+25°C		+85°C		Unit
		Min	Max	Min	Max	Min	Max	
Power Supply Drain Current	I_E	—	—	—	55	—	—	mAdc
Input Current	A Inputs	I_{inH}	—	—	350	—	—	μ Adc
	B Inputs	I_{inH}	—	—	270	—	—	
Switching Times	A Inputs	$t^+ +, t^- +$	—	2.0	—	1.8	—	ns
		$t^+ -, t^- -$	—	2.1	—	1.9	—	
	B Inputs	$t^+ +, t^- +$	—	2.5	—	2.3	—	
		$t^+ -, t^- -$	—	2.5	—	2.3	—	
Rise Time (10% to 90%)		t^+	—	2.7	—	2.5	—	ns
Fall Time (10% to 90%)		t^-	—	2.4	—	2.2	—	ns

TRIPLE 2-INPUT EXCLUSIVE-NOR GATE



LOGIC DIAGRAM



$$\text{out} = \overline{\text{in1}} \bullet \text{in2} + \text{in1} \bullet \text{in2}$$

V_{CC1} = Pin 1
 V_{CC2} = Pin 16
 V_{EE} = Pin 8

t_{pd} = 1.1 ns typ (510 ohm load)
 1.3 ns typ (50 ohm load)
 P_D = 220 mW typ/pkg
 Full Load Current, I_L = -25 mAdc max

PIN ASSIGNMENT

