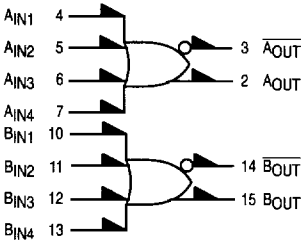


Dual 4-Input OR/NOR Gate

ELECTRICAL CHARACTERISTICS

Characteristic	Symbol	-30°C		+25°C		+85°C		Unit
		Min	Max	Min	Max	Min	Max	
Power Supply Drain Current	I _E	—	—	—	28	—	—	mAdc
Input Current	I _{inH}	—	—	—	350	—	—	μAdc
Switching Times Propagation Delay	t ₊ -	0.6	1.8	0.6	1.7	0.6	1.9	ns
	t ₋ +	0.6	1.6	0.6	1.5	0.6	1.7	
Rise Time, Fall Time (10% to 90%)	t ₊ , t ₋	0.6	2.2	0.6	2.1	0.6	2.3	ns

LOGIC DIAGRAM



OUT = IN1 + IN2 + IN3 + IN4
OUT = IN1 + IN2 + IN3 + IN4

VCC1 = PIN 1
VCC2 = PIN 16
VEE = PIN 8

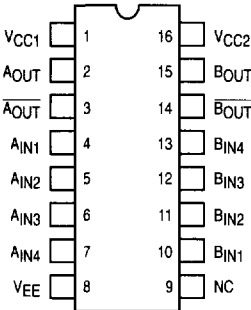
t_{pd} = 0.9 ns typ (510 ohm load)
= 1.1 ns typ (50 ohm load)
P_D = 120 mW typ/pkg (No load)
Full Load Current, I_L = -25 mAdc max

MC1660



L SUFFIX
CERAMIC PACKAGE
CASE 620-10

PIN ASSIGNMENT



4

