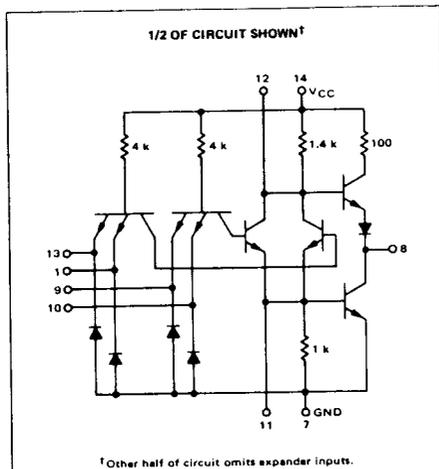


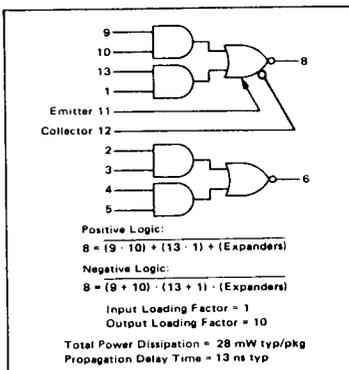
EXPANDABLE DUAL
2-WIDE 2-INPUT
"AND-OR-INVERT" GATE

MTTL MC7400P series
MTTL MC5400L/7400L series

MC5450L*
MC7450P,L*



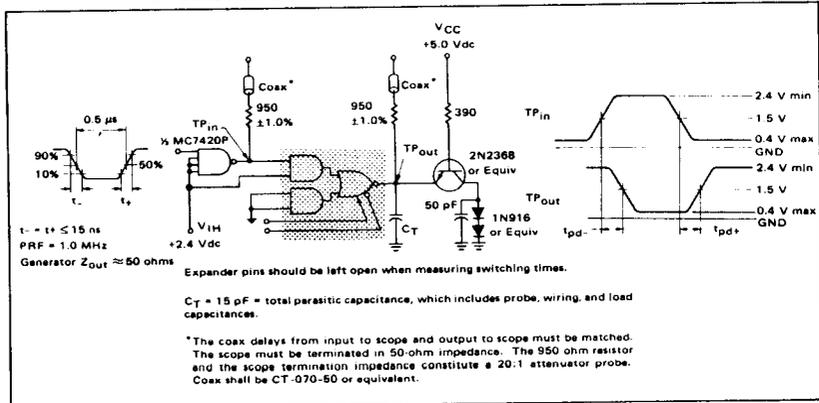
This device consists of two AND-OR-INVERT gates, one of which is OR expandable. Each gate is made up of two 2-input AND gates ORed together and inverted. Up to four MC5460/7460 expander gates may be ORed with the device at the expander points.



*L suffix = TO-116 ceramic package (Case 632)
 P suffix = TO-116 plastic package (Case 606)
 See General Information section for package outline dimensions.

SWITCHING TIME TEST CIRCUIT

VOLTAGE WAVEFORMS AND DEFINITIONS



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MC5450L, MC7450P, L (continued)

FIGURE 1 - I_{EX} TEST CIRCUIT

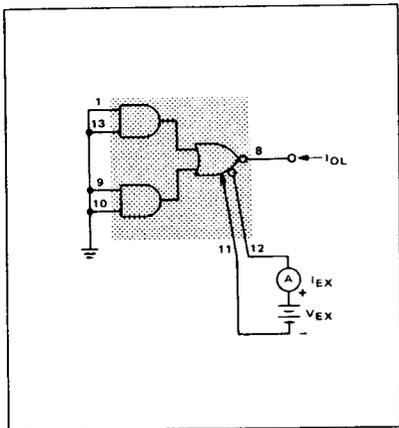


FIGURE 2 - V_{BE} TEST CIRCUIT

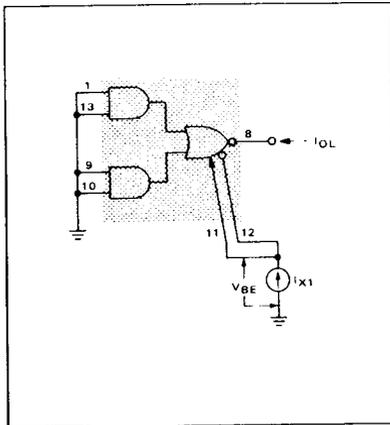
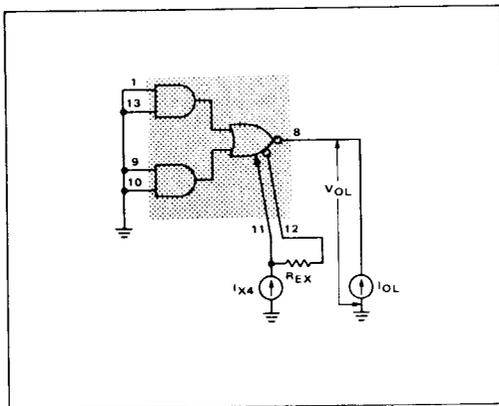


FIGURE 3 - V_{OL} TEST CIRCUIT



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