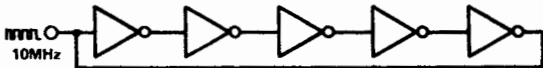


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TTL Ring Oscillator



$F = 1/(5 \times \text{propagation delay})$
For TTL inverters (74LS04) total propagation delay = 20 ns

28—JUNE—1982—ETI