



WITH 3KHz MOD
 WITH 74HC00
 1mA @ 5V
 530uA @ 4.5V
 500uA @ 4V
 370uA @ 3.5V
 237uA @ 3V
 237uA @ 2.5V
 130uA @ 2V
 80uA @ 1.5V

STARTS OSC 1.25V

WITH 3KHz MOD
 WITH 4011
 220uA @ 5V
 200uA @ 4.5V
 170uA @ 4V
 158uA @ 3.5V
 126uA @ 3V
 STARTS OSC @ 3.5V

TUNE FOR 125KHz PEAK

27mH
 100VPP @ 5V

470K
 30pF
 Q = 10

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GATED 125KHz LC OSCILLATOR

DAVID JOHNSON AND ASSOCIATES		
Title 125KHz POWER OSCILLATOR		
Size A	Document Number 125KPOWEROSC5.DSN	Rev A
Date:	Tuesday, March 12, 2002	Sheet 1 of 1