











**Typical Performance Characteristics**

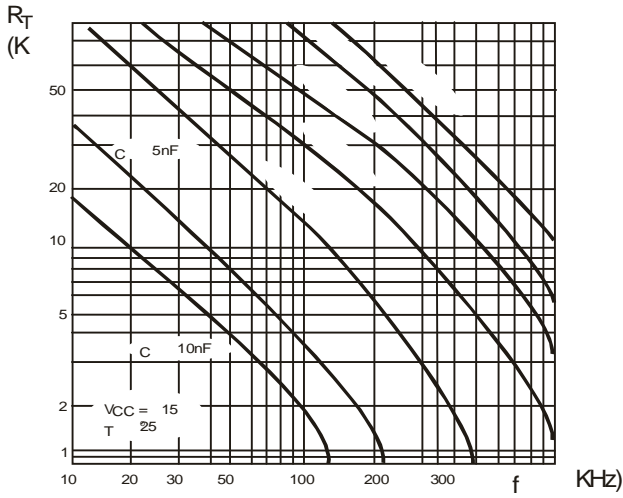


Figure 1. Timing Resistor vs. Oscillator Frequency.

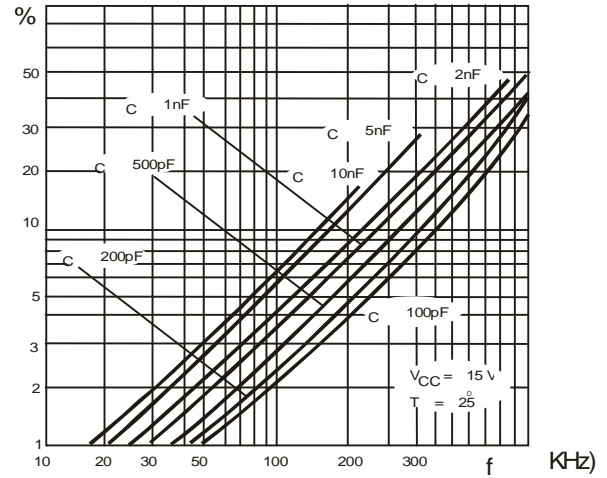


Figure 2. Output Dead-Time vs. Oscillator Frequency.

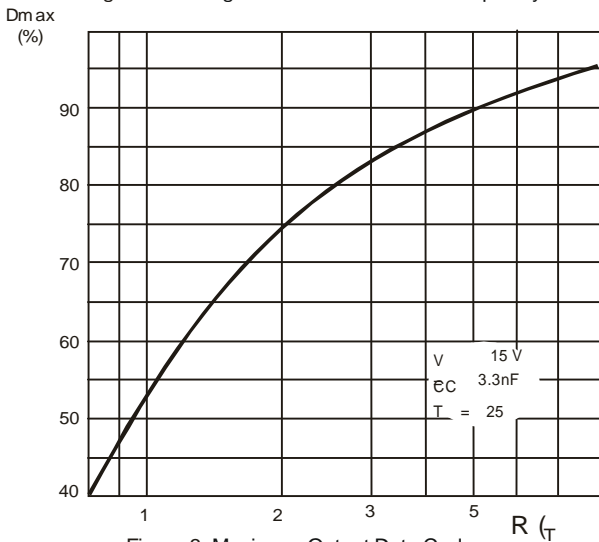


Figure 3. Maximum Output Duty Cycle vs. Timing Resistor (3842/4 3)

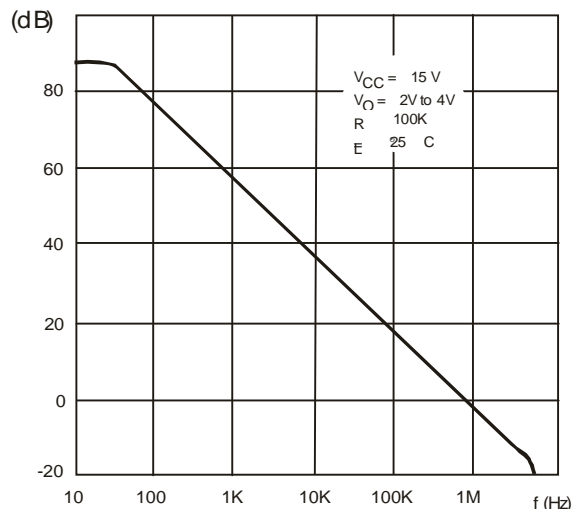


Figure 4. Error Amp Open-Loop Gain vs. Frequency

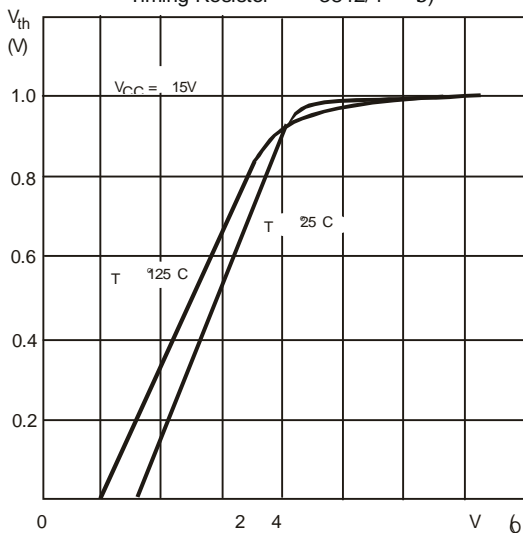


Figure 5. Current Sense Input Threshold vs. Error Amp Output Voltage.

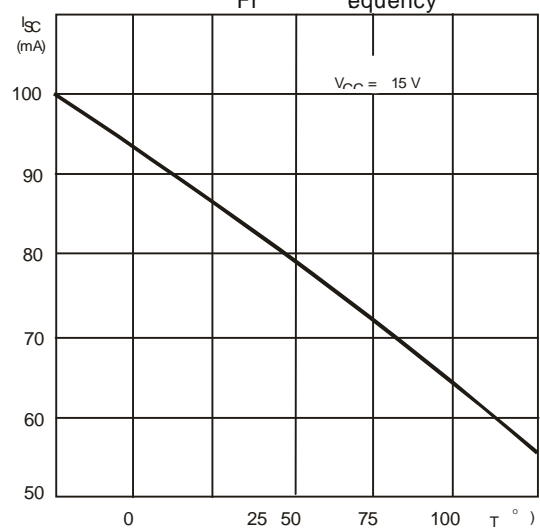


Figure 6. Reference Short Circuit Current vs. Temperature.

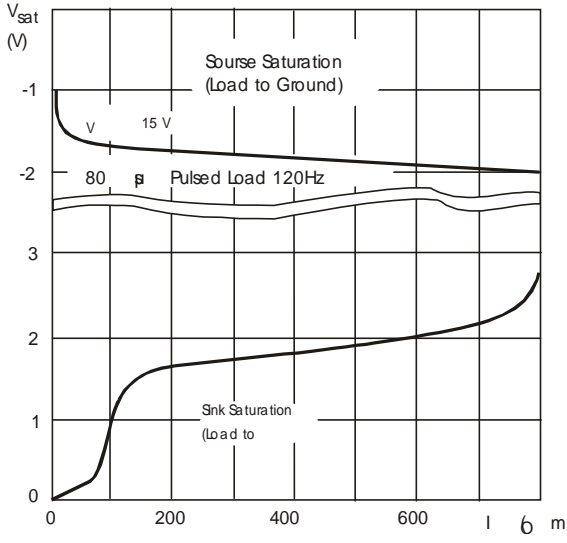


Figure 7 Output Saturation Voltage vs. Load Current

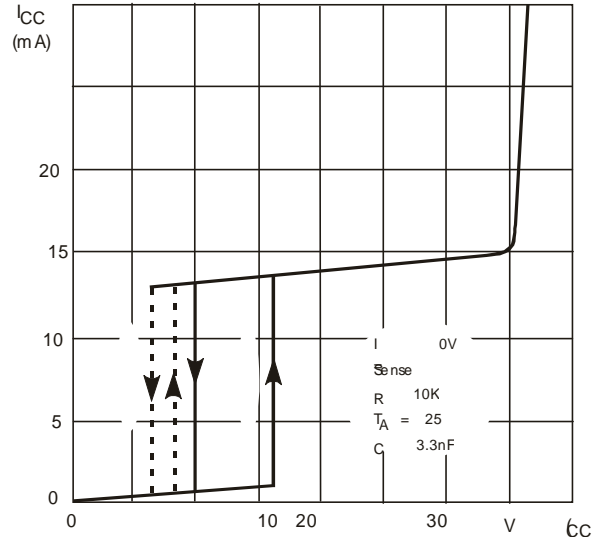


Figure 8 Supply Current vs. Supply Voltage

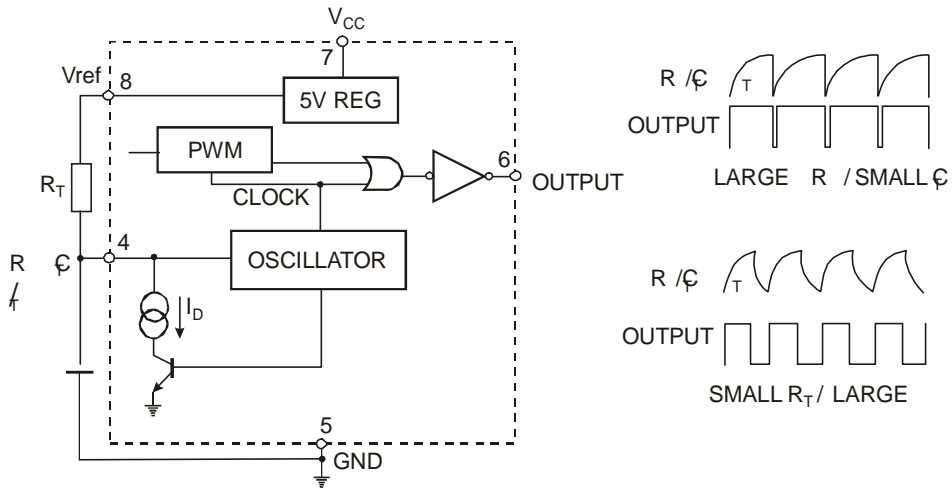


Figure 9. Oscillator and Output Waveforms