



## NOTES

1. Tracking of section on R1 ideally <1%.
2. Select R3 and R4 for 2 to 20 range on R1.
3. Trim range caps for exact decades. Match to <1%.
4. Adjust R2 loop gain for reliable oscillation over full freq range, and min. distortion.
5. Very clean power supplies required.
6. Max output 2.5 Vrms typical.
7. Typical THD: 20 Hz .09%, 200 Hz .01%, 1 kHz .003%, 20 kHz .005%.

**Low-Distortion Audio Oscillator**  
**GW Johnson Nov 2010**