



60-Hz, High-Q notch filter

This high-Q notch filter is based on the "Twin-T" design. It produces a very deep notch in the response curve at about 59.7 Hz. This is useful to remove 60-Hz hum and noise from audio recordings or live performances. Response is down over -60db at the center point.

The LM3900 Norton opamp was chosen since it doesn't require extra components for single-supply operation.

Based on National Semiconductor appnote, LB5, Linear Applications Handbook, 1980, pLB5-1, Robert C. Dobkin.