

Recommended capacitor types are: NPO ceramic, silver mica, metalized polycarbonate and, for temperatures up to 80 °C, polypropylene. To minimize the variations of f_c and Q (COG) ceramic capacitors are recommended for high-performance filters. These capacitors hold their nominal value over a wide temperature and voltage range. For high performance filter, 0.1% resistors are recommended. Approximate or round off numbers should be discarded as possible. The skirts must cross at exactly corner frequencies. Usage of two series summing networks (three or more do not contribute any better result. Future pollster should look for way of adding level meter display: headroom indication and clip led light for approximately 500ms will add longevity and efficiency to the device.

Convincingly, as it is obviously seen, this project suffered pecuniary patronage, and time hampering played a requisite role; well, this is a stupendous challenge to student(s) of electronic to see this research work very desirable-in the technology development. Much challenges, to reduce noise due to variable resistors and to develop a better mixing console for audio signal with 120dB or more signal to noise ratio gain; so fascinating indeed but not with ease.

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