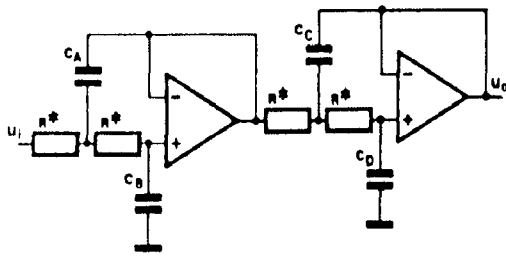


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Progetto Guardiamoci dentro

Filtro attivo RC



passa-basso 24 dB/ottava

Bessel

$$CA = \frac{0.7298}{2\pi f \cdot R}$$

$$CB = \frac{0.6699}{2\pi f \cdot R}$$

$$CC = \frac{1.0046}{2\pi f \cdot R}$$

$$CD = \frac{0.3872}{2\pi f \cdot R}$$

Butterworth

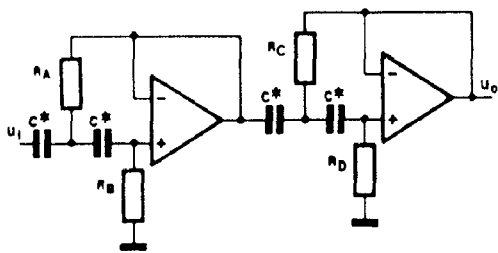
$$CA = \frac{1.0824}{2\pi f \cdot R}$$

$$CB = \frac{0.9239}{2\pi f \cdot R}$$

$$CC = \frac{2.6130}{2\pi f \cdot R}$$

$$CD = \frac{0.3827}{2\pi f \cdot R}$$

$$R = R^* = 4.7 \dots 10 \text{ k}\Omega$$



passa-alto 24 dB/ottava

Bessel

$$RA = \frac{1.3701}{2\pi f \cdot C}$$

$$RB = \frac{1.4929}{2\pi f \cdot C}$$

$$RC = \frac{0.9952}{2\pi f \cdot C}$$

$$RD = \frac{2.5830}{2\pi f \cdot C}$$

Butterworth

$$RA = \frac{0.9239}{2\pi f \cdot C}$$

$$RB = \frac{1.0824}{2\pi f \cdot C}$$

$$RC = \frac{0.3827}{2\pi f \cdot C}$$

$$RD = \frac{2.6130}{2\pi f \cdot C}$$

$$C = C^* = 4.7 \dots 10 \text{ nF}$$

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Progetto Guardiamoci dentro

Filtro attivo RC

