



$R = 5.78\text{k}\Omega$
 $C = 1000\text{pF}$

Notch filter

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Gain = 0.979

Q = 11.9

$f_0 = 27.5\text{kHz}$

設計値

$$f_0 = \frac{1}{2\pi RC}$$

$$R_3 \gg R_1 \parallel R_2 \text{ あり}$$

$$\text{Gain} \approx \frac{R_2}{R_1 + R_2}$$

$$Q \sim \frac{1}{4} \frac{R_3}{R_1 \parallel R_2}$$

$$R = 4.7\text{k}\Omega + 470\Omega + 1\text{k}\Omega \parallel 12\Omega$$

$$R/2 = 2.2\text{k}\Omega + 1\text{k}\Omega \parallel 12\Omega$$