

LC Filter Design Tool

[More info \(/lc-filter/descrip\)](/lc-filter/descrip)

Filter Properties

Response

Lowpass

Type

Chebyshev

Topology

Shunt First

Order

5

Cutoff Frequency

130

KHz

Passband Ripple (dB)

0.10

Input Impedance (Ω)

50

Output Impedance (Ω)

1100

Additional Settings

Component Values

Standard

Capacitor Values

E24 (5% tolerance)

Min. Capacitor Value

1.00

pF

Inductor Values

E12 (10% tolerance)

Min. Inductor Value

1.00

nH

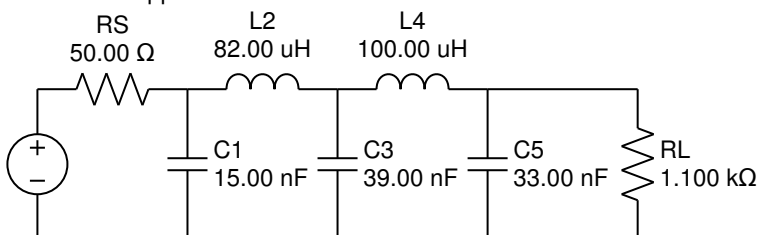
Compute

Reset (/lc-filter/)

5th Order Chebyshev Lowpass

Cutoff Frequency = 130.0 kHz

Passband Ripple = 0.1 dB



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