

Filter Summary Report: TIA,simple,Z4

Generated by MacAnalog-Symbolix

December 7, 2024

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1 Examined $H(z)$ for TIA simple **Z4:** $\frac{Z_4}{2}$

$$H(z) = \frac{Z_4}{2}$$

2 HP

3 BP

4 LP

5 BS

6 GE

7 AP

8 INVALID-NUMER

9 INVALID-WZ

10 INVALID-ORDER

10.1 INVALID-ORDER-1 $Z(s) = (\infty, \infty, \infty, R_4, \infty, \infty)$

$$H(s) = \frac{Z_4}{2}$$

10.2 INVALID-ORDER-2 $Z(s) = \left(\infty, \infty, \infty, \frac{1}{C_4s}, \infty, \infty\right)$

$$H(s) = \frac{Z_4}{2}$$

10.3 INVALID-ORDER-3 $Z(s) = \left(\infty, \infty, \infty, \frac{R_4}{C_4R_4s+1}, \infty, \infty\right)$

$$H(s) = \frac{Z_4}{2}$$

10.4 INVALID-ORDER-4 $Z(s) = \left(\infty, \infty, \infty, R_4 + \frac{1}{C_4s}, \infty, \infty\right)$

$$H(s) = \frac{Z_4}{2}$$

10.5 INVALID-ORDER-5 $Z(s) = \left(\infty, \infty, \infty, L_4 s + \frac{1}{C_4 s}, \infty, \infty \right)$

$$H(s) = \frac{Z_4}{2}$$

10.6 INVALID-ORDER-6 $Z(s) = \left(\infty, \infty, \infty, \frac{L_4 s}{C_4 L_4 s^2 + 1}, \infty, \infty \right)$

$$H(s) = \frac{Z_4}{2}$$

10.7 INVALID-ORDER-7 $Z(s) = \left(\infty, \infty, \infty, L_4 s + R_4 + \frac{1}{C_4 s}, \infty, \infty \right)$

$$H(s) = \frac{Z_4}{2}$$

10.8 INVALID-ORDER-8 $Z(s) = \left(\infty, \infty, \infty, \frac{L_4 R_4 s}{C_4 L_4 R_4 s^2 + L_4 s + R_4}, \infty, \infty \right)$

$$H(s) = \frac{Z_4}{2}$$

10.9 INVALID-ORDER-9 $Z(s) = \left(\infty, \infty, \infty, \frac{L_4 s}{C_4 L_4 s^2 + 1} + R_4, \infty, \infty \right)$

$$H(s) = \frac{Z_4}{2}$$

10.10 INVALID-ORDER-10 $Z(s) = \left(\infty, \infty, \infty, \frac{R_4 (C_4 L_4 s^2 + 1)}{C_4 L_4 s^2 + C_4 R_4 s + 1}, \infty, \infty \right)$

$$H(s) = \frac{Z_4}{2}$$