

Filter Summary Report: TIA,simple,Z2

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1 Examined $H(z)$ for TIA simple **Z2:** ∞

$$H(z) = \infty$$

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 $Z(s) = (\infty, R_2, \infty, \infty, \infty, \infty)$

$$H(s) = \infty$$

10.2 INVALID-ORDER-2 $Z(s) = \left(\infty, \frac{1}{C_2s}, \infty, \infty, \infty, \infty\right)$

$$H(s) = \infty$$

10.3 INVALID-ORDER-3 $Z(s) = \left(\infty, \frac{R_2}{C_2R_2s+1}, \infty, \infty, \infty, \infty\right)$

$$H(s) = \infty$$

10.4 INVALID-ORDER-4 $Z(s) = \left(\infty, R_2 + \frac{1}{C_2s}, \infty, \infty, \infty, \infty\right)$

$$H(s) = \infty$$

10.5 INVALID-ORDER-5 $Z(s) = \left(\infty, \ L_2s + \frac{1}{C_2s}, \ \infty, \ \infty, \ \infty, \ \infty\right)$

$H(s) = \infty$

10.6 INVALID-ORDER-6 $Z(s) = \left(\infty, \ L_2s + R_2 + \frac{1}{C_2s}, \ \infty, \ \infty, \ \infty, \ \infty\right)$

$H(s) = \infty$

10.7 INVALID-ORDER-7 $Z(s) = \left(\infty, \ \frac{L_2s}{C_2L_2s^2+1} + R_2, \ \infty, \ \infty, \ \infty, \ \infty\right)$

$H(s) = \infty$

10.8 INVALID-ORDER-8 $Z(s) = \left(\infty, \ \frac{R_2(C_2L_2s^2+1)}{C_2L_2s^2+C_2R_2s+1}, \ \infty, \ \infty, \ \infty, \ \infty\right)$

$H(s) = \infty$

11 PolynomialError