

Filter Summary Report: CG,TIA,simple,Z2

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Contents

1    Examined  $H(z)$  for CG TIA simple **Z2:**  $\infty$

$$H(z) = \infty$$

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

$$Z(s) = \left(\infty, \; \frac{C_2L_2R_2s^2+L_2s+R_2}{C_2L_2s^2+1}, \; \infty, \; \infty, \; \infty, \; \infty\right)$$

$$H(s) = \infty$$

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