Filter Summary Report: TIA,simple,Z3

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## Contents

1 Examined H(z) for TIA simple Z3:  $Z_3$ 

 $H(z) = Z_3$ 

- 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  $Z(s) = (\infty, \infty, R_3, \infty, \infty, \infty)$

 $H(s) = Z_3$ 

10.2 INVALID-ORDER-2  $Z(s) = \left(\infty, \infty, \frac{1}{C_3 s}, \infty, \infty, \infty\right)$ 

 $H(s) = Z_3$ 

10.3 INVALID-ORDER-3  $Z(s) = \left(\infty, \infty, \frac{R_3}{C_3 R_3 s + 1}, \infty, \infty, \infty\right)$ 

 $H(s) = Z_3$ 

10.4 INVALID-ORDER-4  $Z(s) = \left(\infty, \infty, R_3 + \frac{1}{C_3 s}, \infty, \infty, \infty\right)$ 

 $H(s) = Z_3$ 

10.5 INVALID-ORDER-5  $Z(s) = \left(\infty, \infty, L_3 s + \frac{1}{C_3 s}, \infty, \infty, \infty\right)$ 

 $H(s) = Z_3$ 

10.6 INVALID-ORDER-6  $Z(s) = \left(\infty, \infty, \frac{L_3s}{C_3L_3s^2+1}, \infty, \infty, \infty\right)$ 

 $H(s) = Z_3$ 

10.7 INVALID-ORDER-7  $Z(s) = \left(\infty, \infty, L_3 s + R_3 + \frac{1}{C_3 s}, \infty, \infty, \infty\right)$ 

 $H(s) = Z_3$ 

10.8 INVALID-ORDER-8  $Z(s) = \left(\infty, \infty, \frac{L_3 R_3 s}{C_3 L_3 R_3 s^2 + L_3 s + R_3}, \infty, \infty, \infty\right)$ 

 $H(s) = Z_3$ 

10.9 INVALID-ORDER-9  $Z(s) = \left(\infty, \infty, \frac{L_3s}{C_3L_3s^2+1} + R_3, \infty, \infty, \infty\right)$ 

 $H(s) = Z_3$ 

**10.10** INVALID-ORDER-10  $Z(s) = \left(\infty, \infty, \frac{R_3(C_3L_3s^2+1)}{C_3L_3s^2+C_3R_3s+1}, \infty, \infty, \infty\right)$ 

 $H(s) = Z_3$