Filter Summary Report: DIVIDER,Test,simple,Z1,ZL

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1 Examined $H(z)$ for DIVIDER Test simple Z1 ZL: $\frac{0+IinZ_1-Vip}{0-Vip}$

$$H(z) = \frac{0 + IinZ_1 - Vip}{0 - Vip}$$

2 HP

3 BP

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8 INVALID-NUMER

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10 INVALID-ORDER

10.1 INVALID-ORDER-1 $Z(s) = (R_1,\ \infty,\ R_L)$

$$H(s) = \frac{0 + IinR_1 - Vip}{0 - Vip}$$

10.2 INVALID-ORDER-2 $Z(s) = (R_1,\ \infty,\ L_L s)$

$$H(s) = \frac{0 + IinR_1 - Vip}{0 - Vip}$$

10.3 INVALID-ORDER-3 $Z(s) = \left(R_1,\ \infty,\ \frac{1}{C_L s}\right)$

$$H(s) = \frac{0 + IinR_1 - Vip}{0 - Vip}$$

10.4 INVALID-ORDER-4 $Z(s) = (L_1 s,\ \infty,\ R_L)$

$$H(s) = \frac{0 + IinL_1 s - Vip}{0 - Vip}$$

10.5 INVALID-ORDER-5 $Z(s) = (L_1 s,\ \infty,\ L_L s)$

$$H(s) = \frac{0 + IinL_1 s - Vip}{0 - Vip}$$

10.6 INVALID-ORDER-6 $Z(s) = \left(L_1 s,\ \infty,\ \frac{1}{C_L s}\right)$

$$H(s) = \frac{0 + IinL_1 s - Vip}{0 - Vip}$$

10.7 INVALID-ORDER-7 $Z(s) = \left(\frac{1}{C_1 s},\ \infty,\ R_L\right)$

$$H(s) = \frac{Iin + s\,(0C_1 - C_1 Vip)}{s\,(0C_1 - C_1 Vip)}$$

10.8 INVALID-ORDER-8 $Z(s) = \left(\frac{1}{C_1 s},\ \infty,\ L_L s\right)$

$$H(s) = \frac{Iin + s\,(0C_1 - C_1 Vip)}{s\,(0C_1 - C_1 Vip)}$$

10.9 INVALID-ORDER-9 $Z(s) = \left(\frac{1}{C_1 s},\ \infty,\ \frac{1}{C_L s}\right)$

$$H(s) = \frac{Iin + s\,(0C_1 - C_1 Vip)}{s\,(0C_1 - C_1 Vip)}$$

11 PolynomialError