RDIVIDER

o Circuit and egus

$$K = V_0 = R_2$$
 $V_s = R_1 + R_2$

$$K = \frac{R_2}{R_{NT} - R_2 + R_2} = \frac{R_2}{R_{TOT}}$$

o sub Rz = RTOT - Ri into egnabore

$$R_2 = R_{TOT} \circ K$$

$$R_{TOT} - R_1 = R_{TOT} \circ K - R_{TOT}$$

LP FILTER Circuit and Ega Vs RIVO o Magnitude of HCs), Subs s= znl; O What is magnitude approx at f>>fe?

(H(+)) = fe

N(+/fe)²⁷ = fe 0 Cuttoff freq (-H(t)=)-3db) P= RI-CI