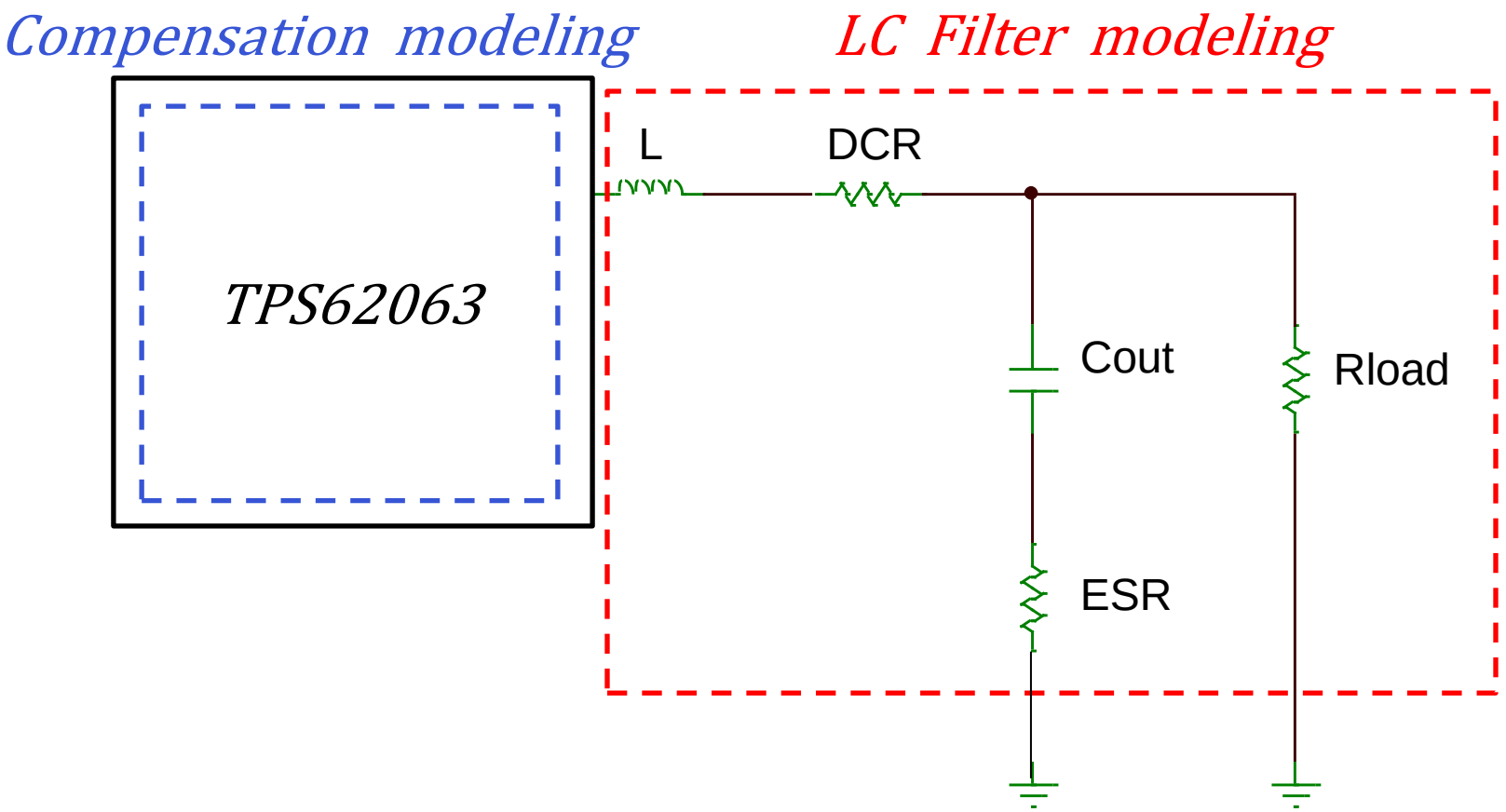
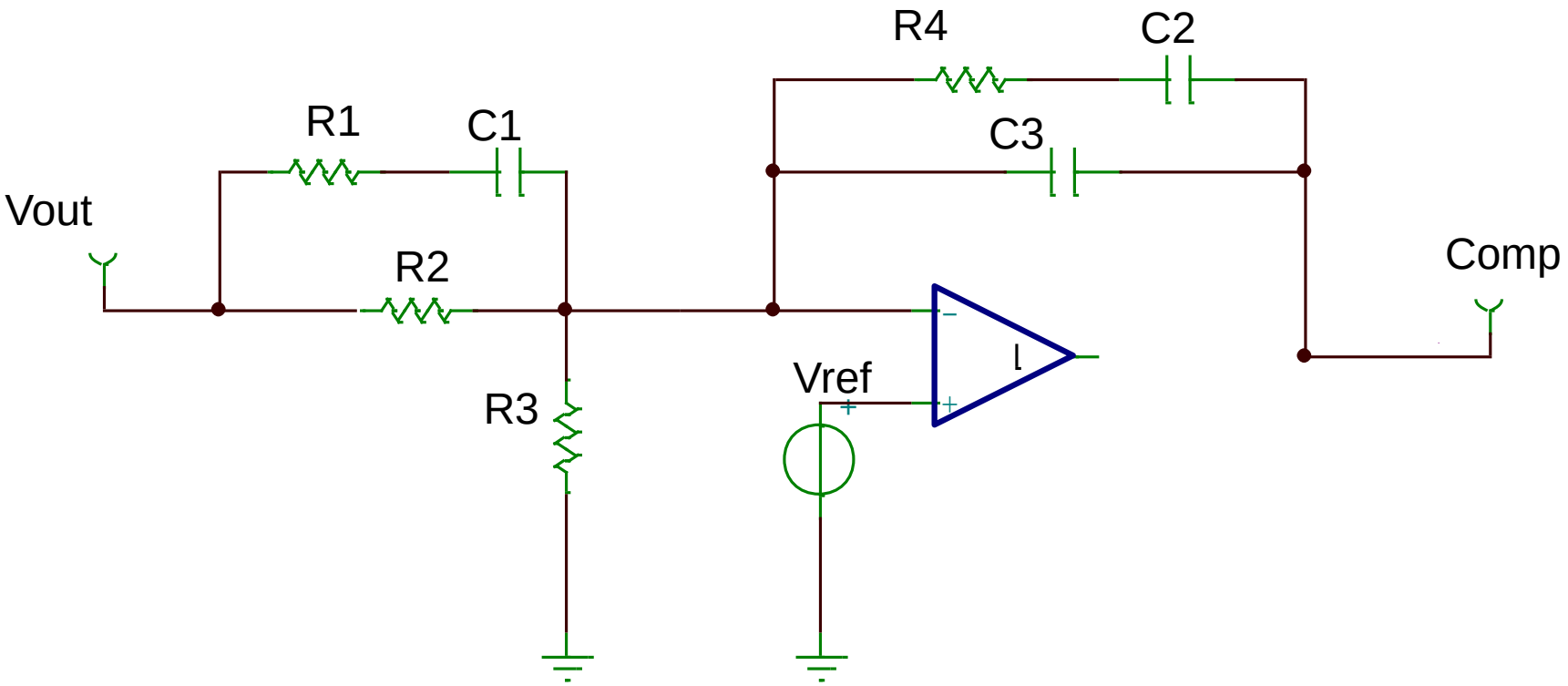
TOTAL modeling



Compensation modeling is next page.

Compensation modeling

-



Would you teach internal compensation value(capacitor value and resistor value)?

- *Total Loop equation*

$$Total = G(s) \times P(s)$$

- *LC Filter equation*

$$G(s) = \frac{Vin \cdot (Rload \cdot ESR \cdot Cout \cdot s + Rload)}{s^2 \cdot (L \cdot Cout \cdot ESR + L \cdot Cout \cdot Rload) + s \cdot (L + Cout \cdot DCR \cdot ESR + Cout \cdot DCR \cdot Rload + Cout \cdot ESR \cdot Rload) + Rload + DCR}$$

- *Compensation equation*

$P(s) =?$

Would you teach internal compensation equation?