

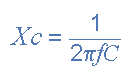
* C1 has 4 parallel footprints
* C2 has 2 parallel footprints

**Current calculations:**

Accounting for 10% variable swing

Accounter for 25% Duty cycle

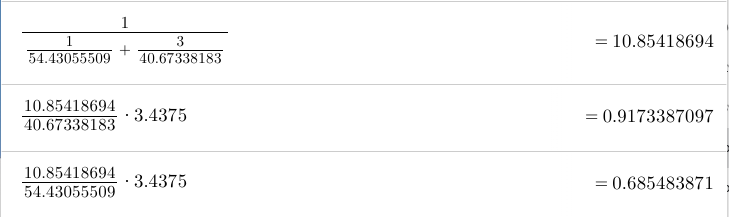
**Calculations for C1:**



<https://www.electronics-tutorials.ws/filter/filter_1.html>

<https://www.electronics-tutorials.ws/dccircuits/current-divider.html>

By current division:

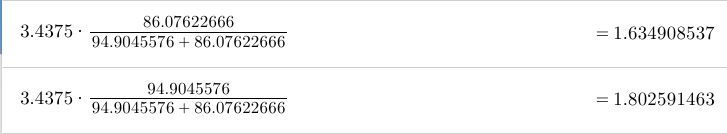


* **0.9173A through 9100pF capacitors**
* **0.6855A through 6800pF capacitors**

**Calculations for C2:**

**(The choice behind the values is to make sure one capacitor isn’t handling a disproportionately large amount of current)**

Doing current division



* **1.634908537A through 3900pF**
* **1.802591463A through 4300pF**