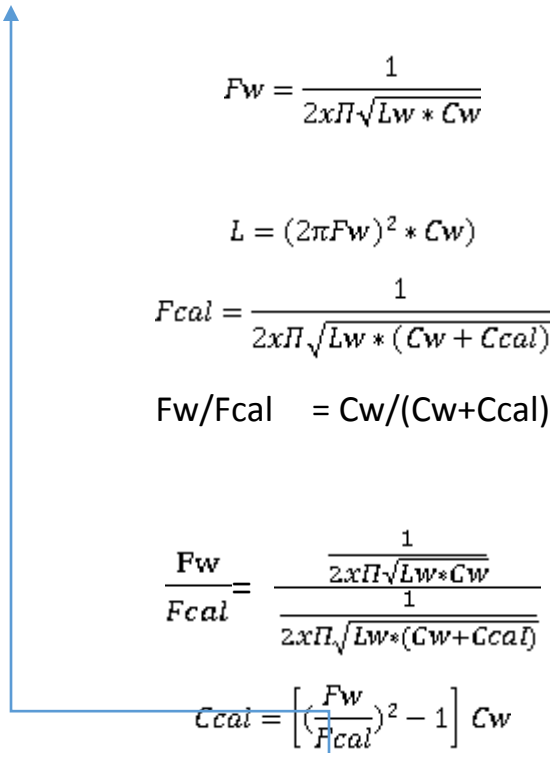
We can set Cw is Cre + Cfed + Cpar on start. Ccal must be precise 1% or better.



$$Fw = \frac{1}{2x\Pi\sqrt{Lw * Cw}}$$

$$L = (2\pi Fw)^2 * Cw)$$

$$Fcal = \frac{1}{2x\Pi\sqrt{Lw * (Cw + Ccal)}}$$

Fw/Fcal = Cw/(Cw+Ccal)

$$\frac{Fw}{Fcal} = \frac{\frac{1}{2x\Pi\sqrt{Lw*Cw}}}{\frac{1}{2x\Pi\sqrt{Lw*(Cw+Ccal)}}}$$

$$Ccal = \left[(\frac{Fw}{Fcal})^2 - 1\right] Cw$$

If calculate Ccal ≠ precise Ccal, we must change Cw on start.

If OK, we can save inductance L and Cw to Flash memory. Flash memory can be saved max 10 000 *.