







For, FW case, $V_r = \frac{V_M}{2fRC}$; $T' = \frac{1}{2f}$ Cf = VM

2VrFW f.RL $i_{Davg} = \frac{1}{\Pi} \sqrt{\frac{2V_r}{V_M}} \cdot \frac{V_M}{R} \left(1 + \frac{\Pi}{2} \sqrt{\frac{2V_M}{V_r}} \right)$ For selecting Imax. rating of a diode. Vi) Voltage Regulator -> Stabilizing an O/P V irrespective of change in I/P V or aload impedance. Voltage Regulation Zener diode based V-reg. -> RB (breakdown)











