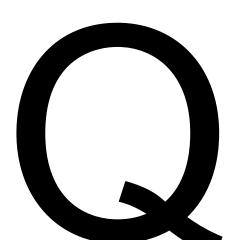


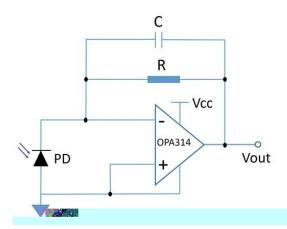
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$$V_{out}(V) = I_{ph}(A) \times R(\Omega)$$

 $I_{ph}(A) = R_{\lambda}(A/W) \times A (cm^2) \times P (W/cm^2)$ 

where A is chip area, P is incident UV power density and  $R_{\lambda}$  is responsivity at specific wavelength.

