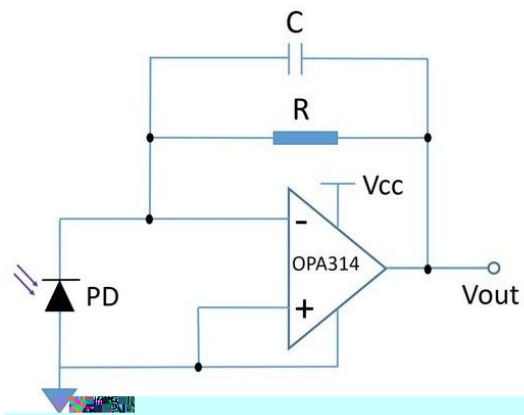-
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$$V_{out}(V) = I_{ph}(A) \times R(\Omega)$$

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

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