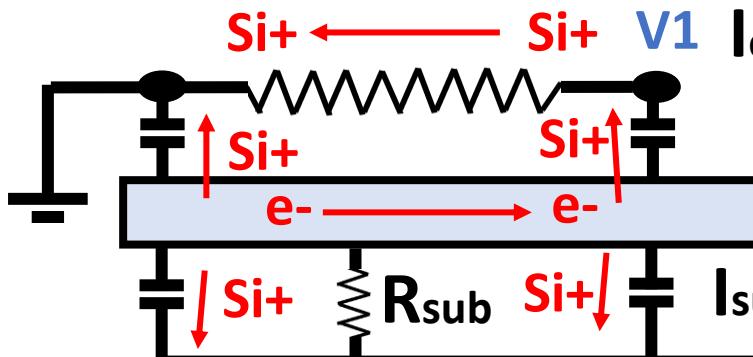


Electrons are guided swiftly toward the center N+ outlet region by the voltage drop $V_1 > 0$.
 And the buried N region is kept always completely depleted of majority photo electrons.

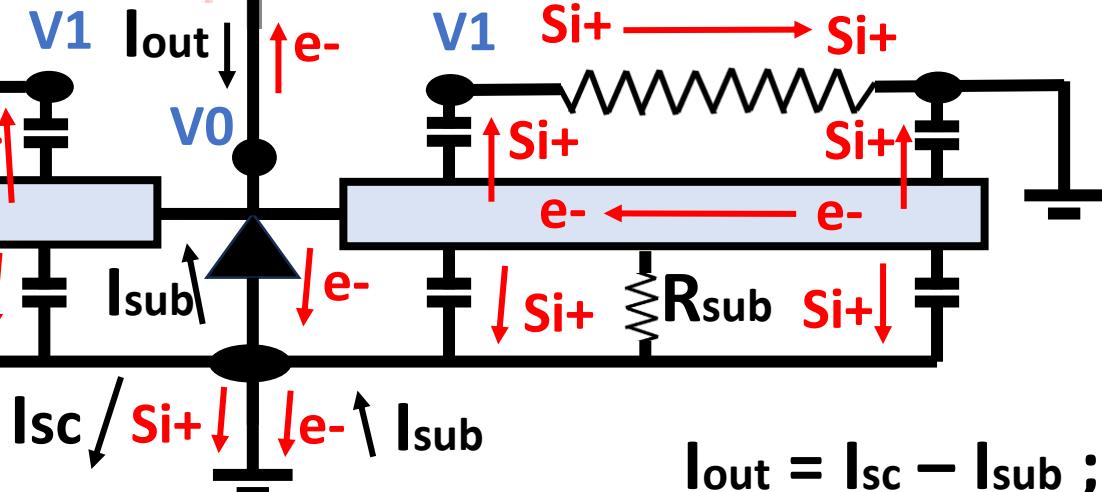
Solar Cell Current Efficiency = I_{out}/I_{sc} ;

Total Solar Current: $I_{sc} = I_{sub} + I_{out}$;

$V_0 < 0 < V_1$



$V_1 > 0 > V_0$



$I_{out} = I_{sc} - I_{sub}$;