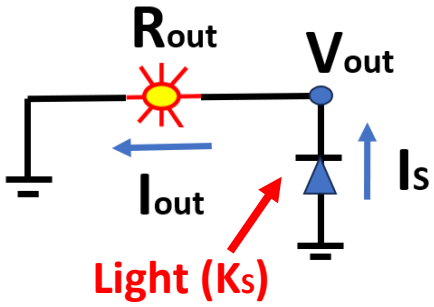
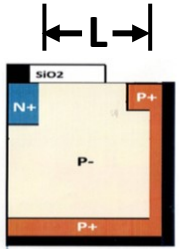
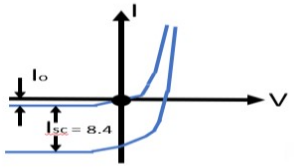
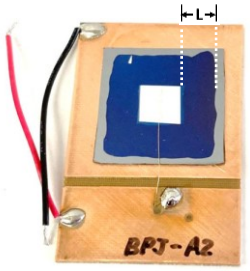
(2)





L = 10 mm ;





Chip Size 3 cm x 3 cm

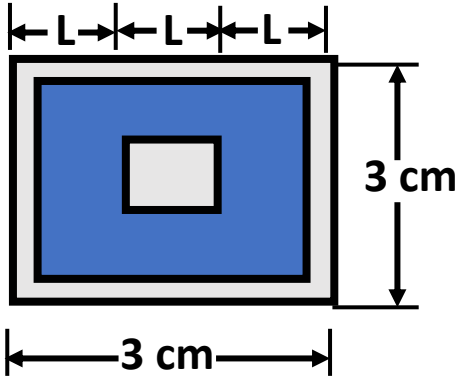
手描き

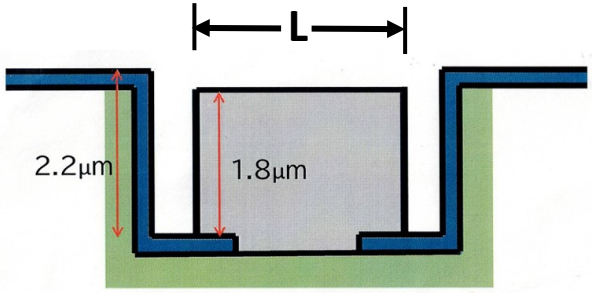
$I_{SC2} = 8.4\text{mA}$

(2.1) $I_S = (A_S)\,(J_S) = (A_S)(K_S)\{\exp(-V_{out}/kT) - 1\}$;

L = 1 cm ;

Chip (2) and Chip (3)





	I_0 [A]	n	Rs [Ω]	Rp [Ω]	V_{OC} [V]	I_{SC} [mA]	η [%]	S [cm^2]
(1) Single				160	0.60	103	8.0	4.3
(2) Single B	2.4×10^{-10}	1.04	2.00	14.4M	0.46	8.4	0.29	9
(3) Double			2.37	15.2k	0.46	12.4	0.32	9