

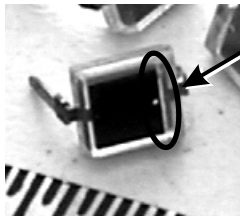


SCPD - Solarcell Photodiodes

What you need to know:

Each one of the SCPDs will generate about 0.4 volts (open circuit), and 1.4 milliamperes (short circuit). This means that if your Solarengine design requires at least 3 volts to run, you will need ($3V / 0.4V$ per cell) 7.5 cells. Best to round up - make that 8 cells wired up in series (plus to minus; plus to minus in a chain).

You identify the "Plus" (or anode) side by the bar or tiny dot on the solarcell.



Bar / Dot indicates (+)