

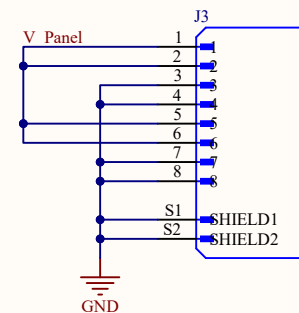
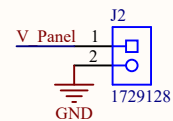
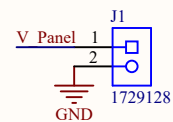
△ The maximum voltage of the solar panel is $10.96V - 1.2V = 9.76V$. The max current produced from this solar panel is 5A.

Therefore, the max power produced by this solar panel is $\sim 48.8\text{ W}$.

△ Max voltage of the cells in series is $4 * 2.74V = 10.96V$.

△ Voltage @ OC per cell is 2.74V.
Voltage @ max power per cell is 2.43V.

△ These Gochermann Solar Cells will be using the same specs as the Shyim Solar Cell Datasheet.



Title Gochermann - 2U Solar Panel Schematic		
Size A4	Number	Revision 04
Date:	1-15-2024	Sheet 1 of 1
File:	C:\Users\...\Gochermann Solar Panel 2U Rev 3.5 By: Donk Bustamante	