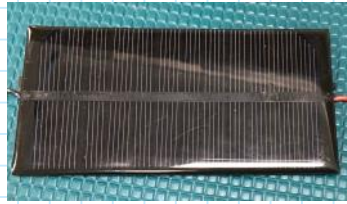


Energy harvesting board testing 1105

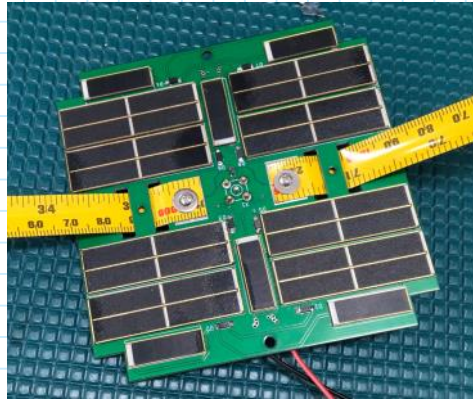
2019年11月5日 星期二 11:14

1. Apparatus :

Solar cell 1 :



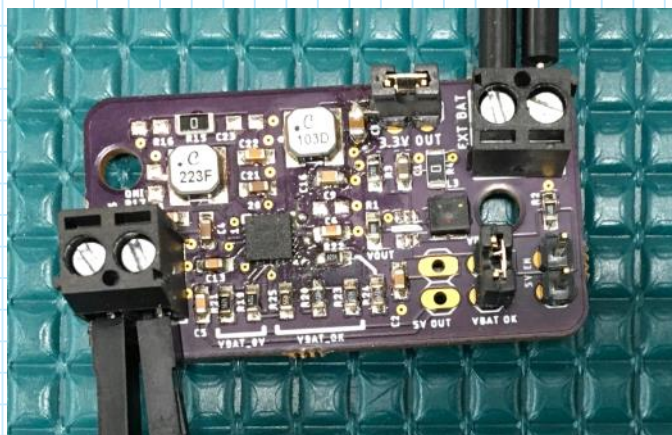
Solar cell 2 :



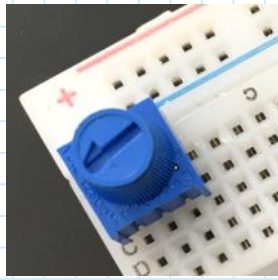
Battery :



Energy Harvesting Board:

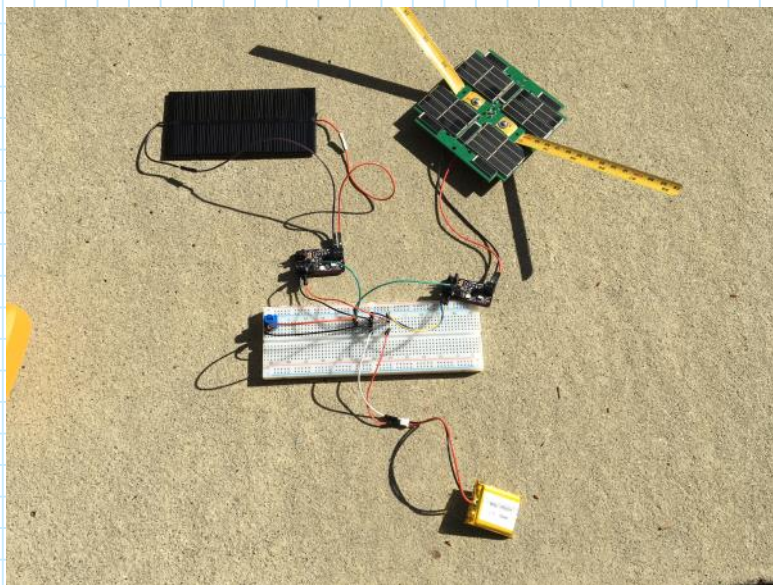
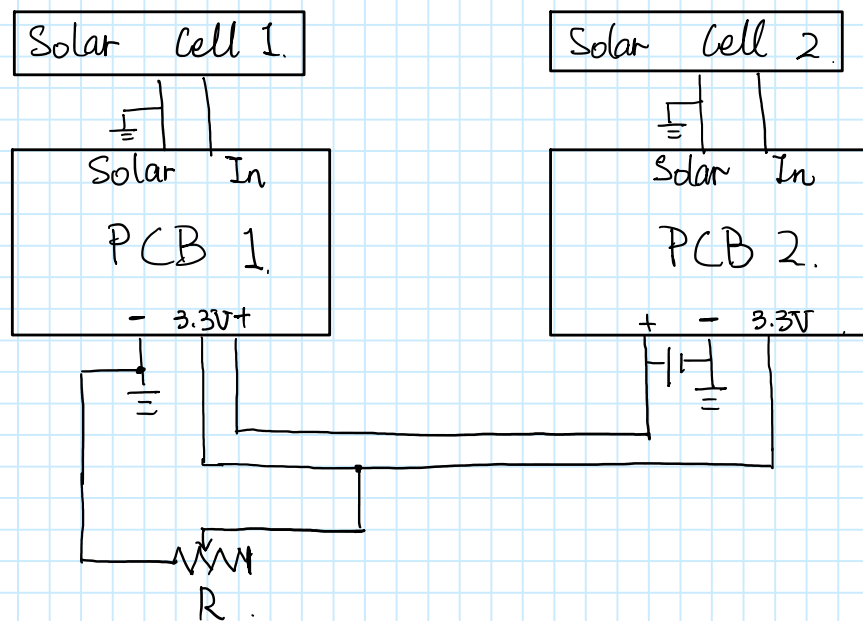


Potentiometer.



2. Test 2 PCB parallel with battery. (sunlight).

$$R = 142.2 [\Omega]$$



Case 1: $R = 142.2 [\Omega]$.

PCB 1: EXT BAT: 4.07 [V]
3.3V OUT: 3.4 [V].

PCB 2: EXT BAT: 4.07 [V]

3.3V OUT : 3.4 [V].
PCB 2 : EXT BAT : 4.07 [V]
3.3V OUT : 3.37 [V].

Battery Voltage :

Before connect. : 3.758 [V].

During connect : 3.763 [V].

After connect : (5 mins) 3.766 [V].

After charging 5 mins , charging current = 28 [mA].