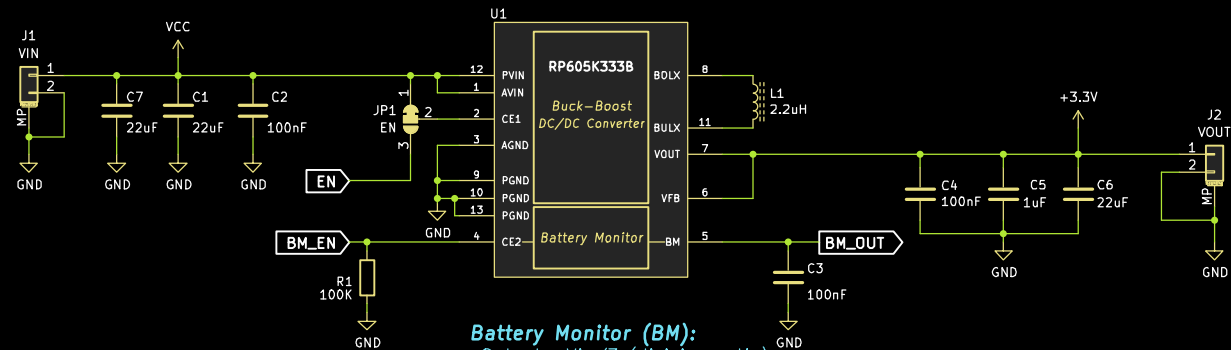


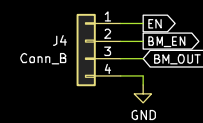
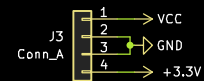
### Buck-Boost Specs:

- Vin: 1.8 - 5.5V, Vout: 2.8V
- Iout: 300 mA, Iq: 300 nA
- Output V:  $\pm 1.5\%$  w/ auto-discharge



### Battery Monitor (BM):

- Output:  $V_{in}/3$  (division ratio)
- Supply Current: 100nA
- Settling time:  $\geq 10ms$



Design by: Orkhan Amiraslan		VCC		PWR_FLAG		H1 MountingHole		H3 MountingHole	
Makertronika Labs		PWR_FLAG		GND		H2 MountingHole		H4 MountingHole	
Sheet: /									
File: olmBoard-RP605x-v1.kicad_sch									
<b>Title: olmBoard RP605K Buck-Boost Converter</b>									
Size: A4		Date: 2023-11-01				Rev: A			
KiCad E.D.A. 8.0.3						Id: 1/1			