	1 2	3	4	5
A	Sheet: 2-OpAmp constant current	Sheet: 1—OpAmp, 1—OpAmp + INA181	Sheet: uC PWM—controlled constant current	A
	File: pcb-lab-3a.sch	File: pcb-lab-3b.sch	File: pcb—lab—3c.sch	
В	Sheet: BCR421-based driver File: pcb-lab-3d.sch	NOTES: NCS2333 Offset voltage: 6uV (typ), 30uV (max) Bias current: 60pA (typ), 400pA (max) INA181A3 gain: 100 RC (2nd order) filter for PWM-controlled driver: fc = 48Hz; at 1kHz get approx -40 dB.		В
С				С
D			(C) Vlad Belous CC BY-SA 4.0 Sheet: / File: pcb-lab-3.sch Title: PCB Lab 3 Size: USLetter Date: 2020-06-14 KiCad E.D.A. kicad 5.1.6	Rev:







