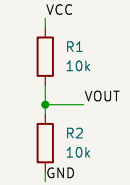
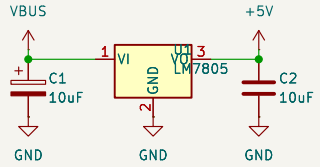
VOLTAGE DIVIDER



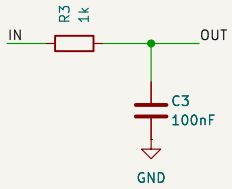
Vout = Vin × R2/(R1+R2)
Vout = 2.5V @ Vin=5V

5V POWER SUPPLY



Input: 7–35V DC
Output: 5V @ 1.5A max
Dropout: ~2V min

RC LOW-PASS FILTER



fc = 1.59 kHz

fc = 1/(2πRC)

Sheet: /		
File: demo_all_circuits.kicad_sch		
Title: Demo_All_Circuits		
Size: A4	Date:	**Rev:**
KiCad E.D.A. 9.0.0		Id: 1/1