

	1	2	3	4	5	6
A						A
B						B
C						C
D						D
	1	2	3	4	5	6

MCU + DISP + USB + RF + BTN



File: MCU\_USB\_RF.kicad\_sch

POWER + SENSORS + MOTOR



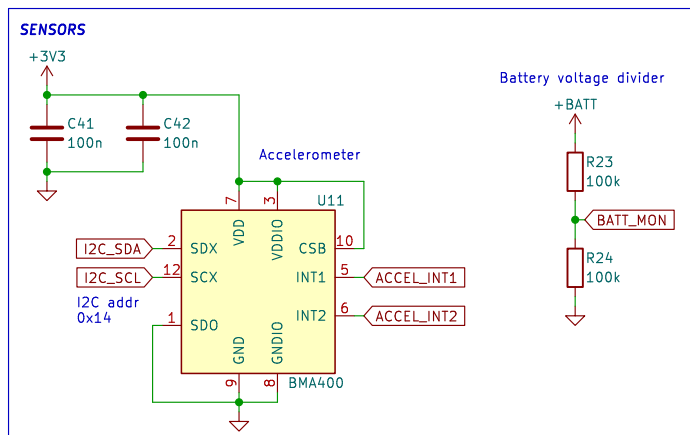
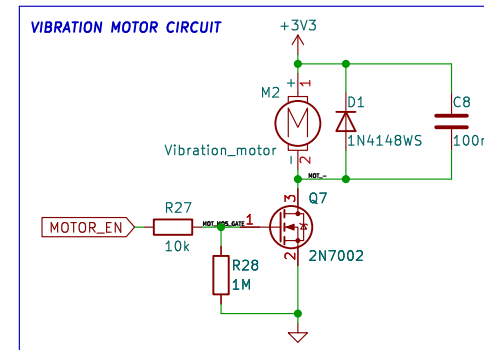
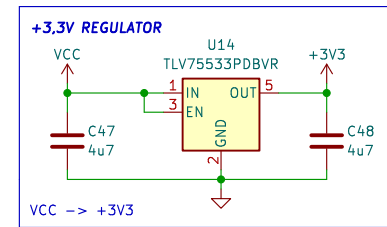
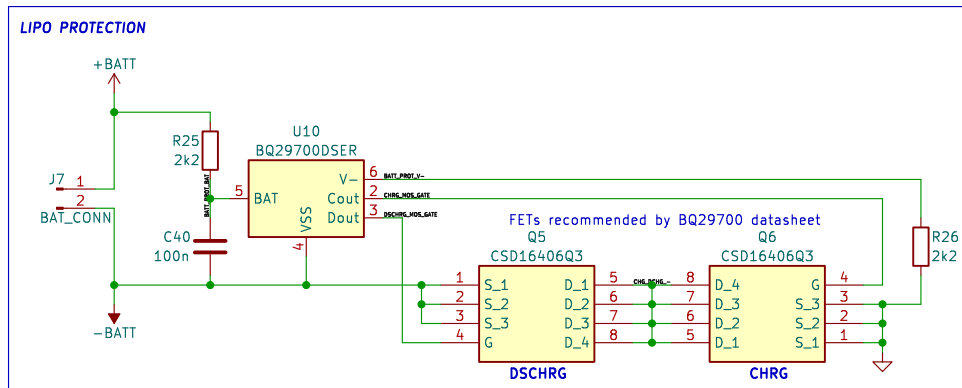
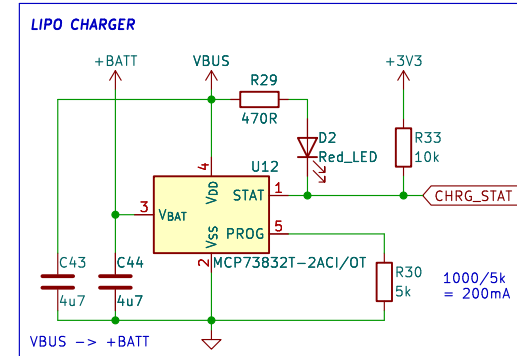
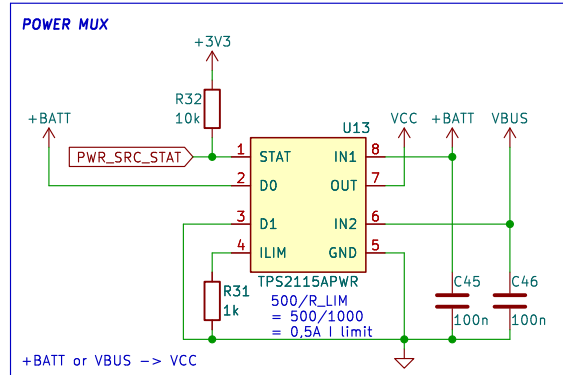
File: POWER\_SENSORS.kicad\_sch

Sheet: /		
File: Monochrome_smartwatch.kicad_sch		
<b>Title:</b>		
Size: A4	Date:	Rev:
KiCad E.D.A. kicad 7.0.9		Id: 1/3



+3V3 = +3.3V (or lower if VCC is lower than about +3.5V)  
 VBUS = +4.5V - +5.5V (USB or SWD)  
 VCC = +2.8V - +5.5V (BATT, USB or SWD)  
 +BAT = Positive battery terminal  
 -BAT = Negative battery terminal

Power flow:  
 Discharge while not charging: +BATT -> VCC -> +3V3  
 Discharge while charging: VBUS -> VCC -> +3V3  
 Charge: VBUS -> +BATT



Sheet: /POWER + SENSORS + MOTOR/  
 File: POWER\_SENSORS.kicad\_sch

<b>Title:</b>			
Size: A4	Date:		
KiCad E.D.A. kicad 7.0.9	Id: 3/3		