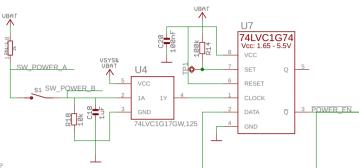
LiPo Amigo Pro (PIM612)

O-BCS D-BCC1 CC2 SHLD GND

USB-C connector

Lipo charger, protection and connector 4k99 on PROG sets charge current limit to 200mA. 3k3 + 4k99 set the current limit to $^{5}00mA$ VDD VBAT LED_CHARGE STAT VSS RED 1*2 M VDD: 3.75-6V XB6096I2S Ron: 52mOhm LED_POWER WHITE POWER LED A SYS GND BAT_GND Battery protection override solder trace

Power switch toggle circuit

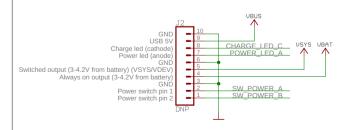


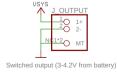
Vsys & Vbat switching FET



extra FET

Output header, connector and USB data pads (D+ & D-)







PRODUCT

DATE GENERATED

lipo_amigo_pro

27/09/2022 11:24