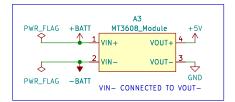
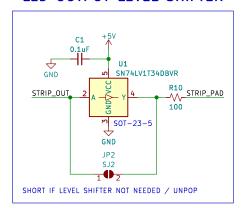
BOOST CONVERTER



DO NOT POWER ON LEDS WITHOUT BATTERY POWER

LED OUTPUT LEVEL SHIFTER



SD CARD

+3.3V

A DNP

GND

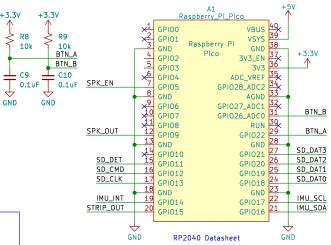
PU FOR SD_DET

GND

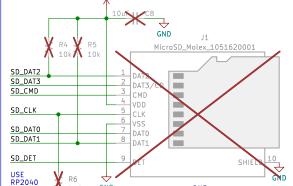
SPK_OUT U2 PAM8302AAD 100 R11 RV1 < R13 100 1.8k 10k < 0.1uF 100 SPK_EN GND GND GND GND GND R3 BOURNS TC33X-2-103E 10k SOIC-8

AUDIO

GND



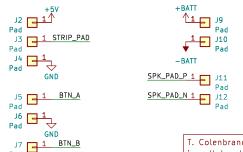
R12 220



DNP

Based on RP2040 HW Design

DAT[0..3] SHOULD BE ON CONTIGUOUS GPIO

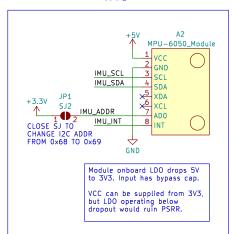


IMU

GND

SPK_PAD_P

SPK_PAD_N



- T. Colenbrander, B. Freeman, T. Nguyen, R. Rosenberg, E. Springer, A. Tran
- A. P. Asnodkar, H. Basava, K. Cruz, J. Hamilton, C. MacFarland, M. Manohara, T. Moore, P. Ridland, W. Schmidt, R. Sun

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UNLESS NOTED ALL PASSIVES ARE 0805

Pad

Pad

J8 - 1

GND