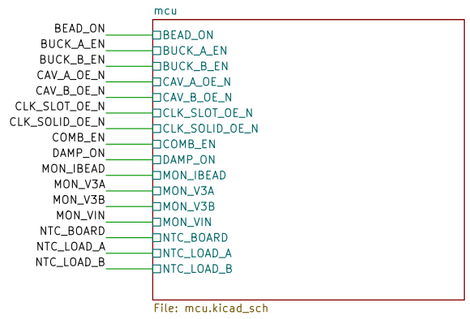
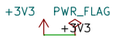
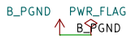


















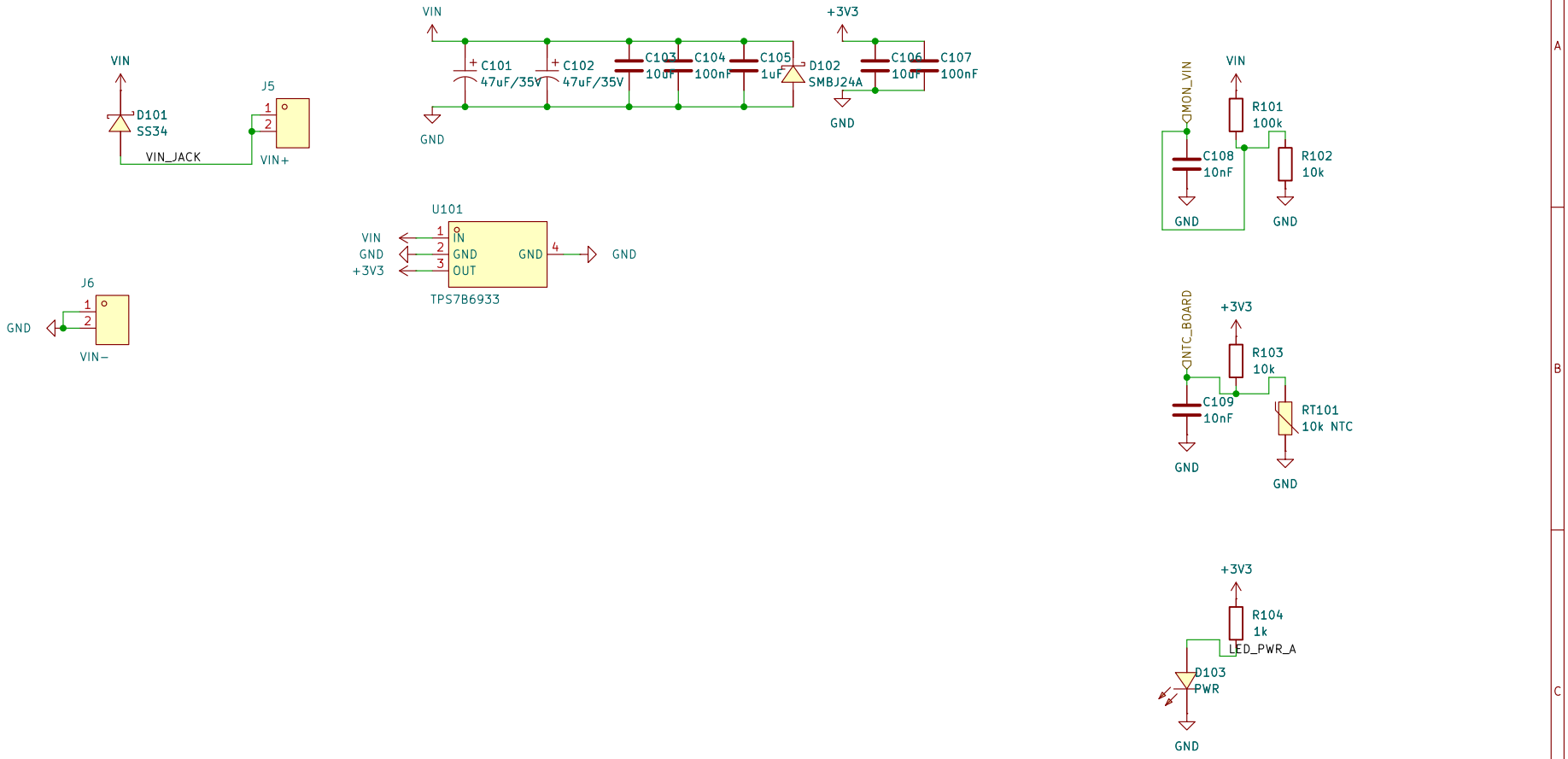
hwde

Sheet: /

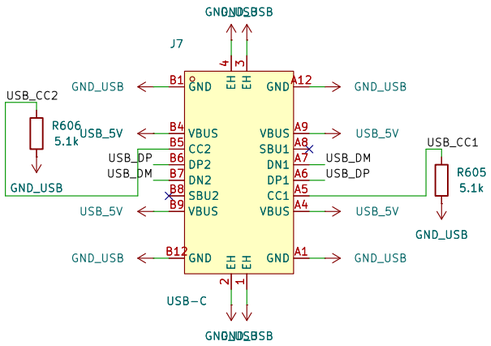
File: emc-ref.kicad_sch

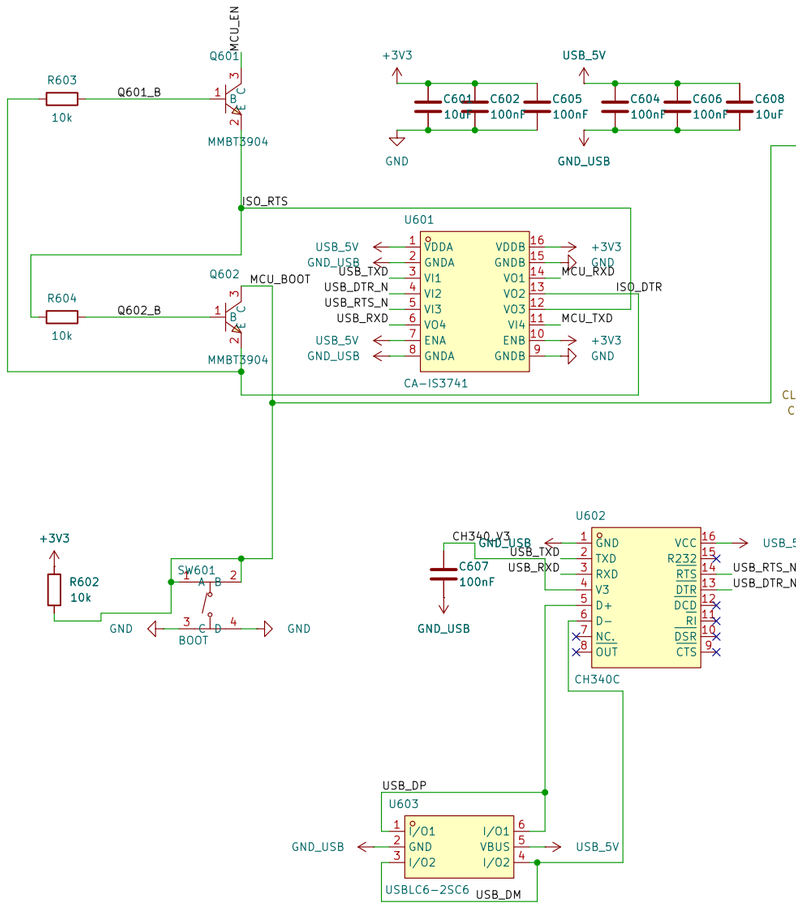
Title: emc-ref: EMC reference emitter, comb + paired coupons, ESP32-S3 c

Size: A3	Date:	**Rev: 1**
KiCad E.D.A. 10.0.6		Id: 1/6



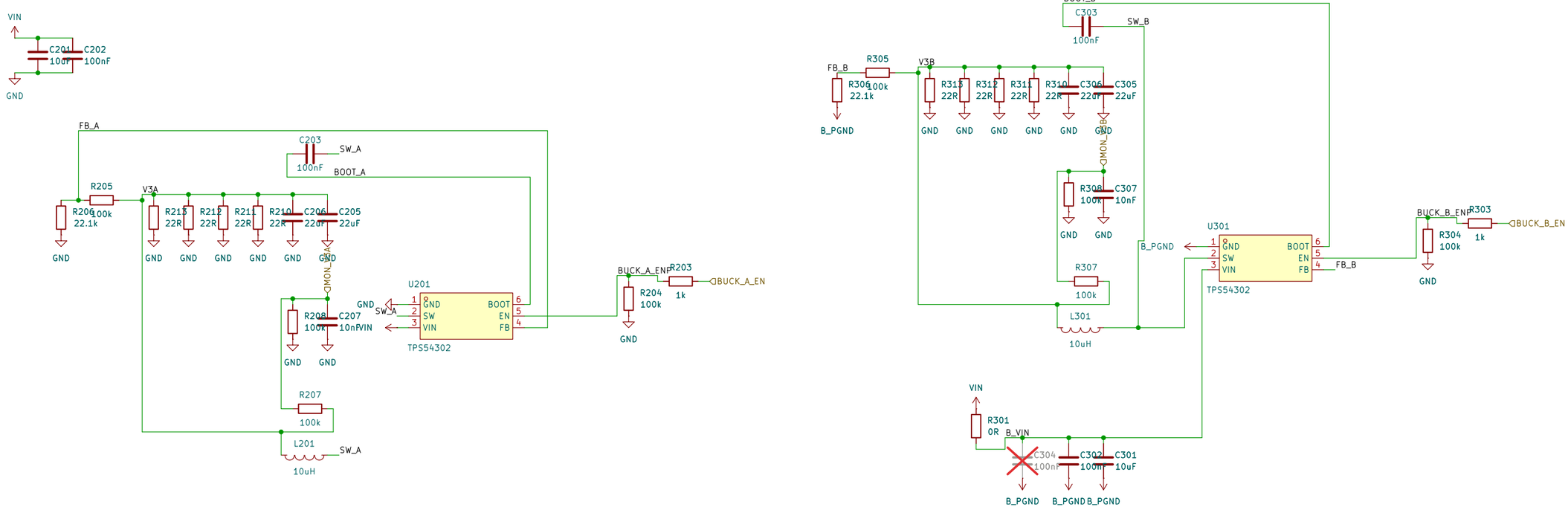
hwde		
Sheet: /power/ File: power.kicad_sch		
Title: emc−ref: DC in (from the LISN DUT jacks), reverse block, TVS, bulk, 3.		
Size: A4	Date:	**Rev: 1**
KiCad E.D.A. 10.0.6		Id: 2/6



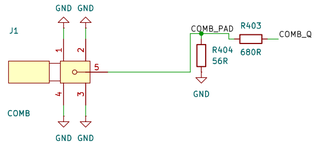


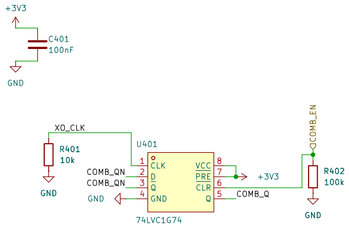


hwde		
Sheet: /mcu/		
File: mcu.kicad_sch		
Title: emc-ref: ESP32-S3-MINI-1 (radio never started), isolated UART: CA-I		
Size: A3	Date:	Rev: 1
KiCad E.D.A. 10.0.6		Id: 3/6

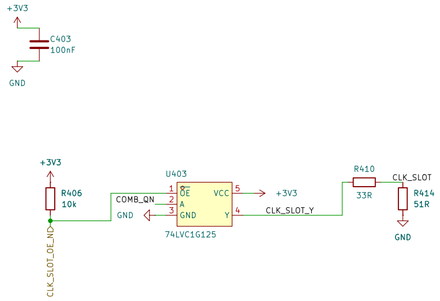


hwde		
Sheet: /bucks/		
File: bucks.kicad_sch		
Title: emc-ref: Bucks A (tight hot loop) and B (loose hot loop): two TPS543		
Size: A3	Date:	**Rev: 1**
KiCad E.D.A. 10.0.6		Id: 4/6

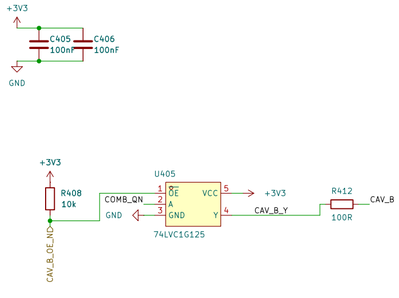




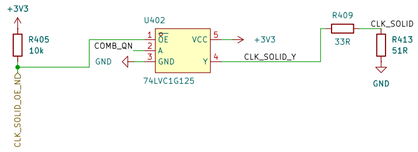


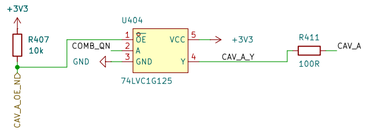






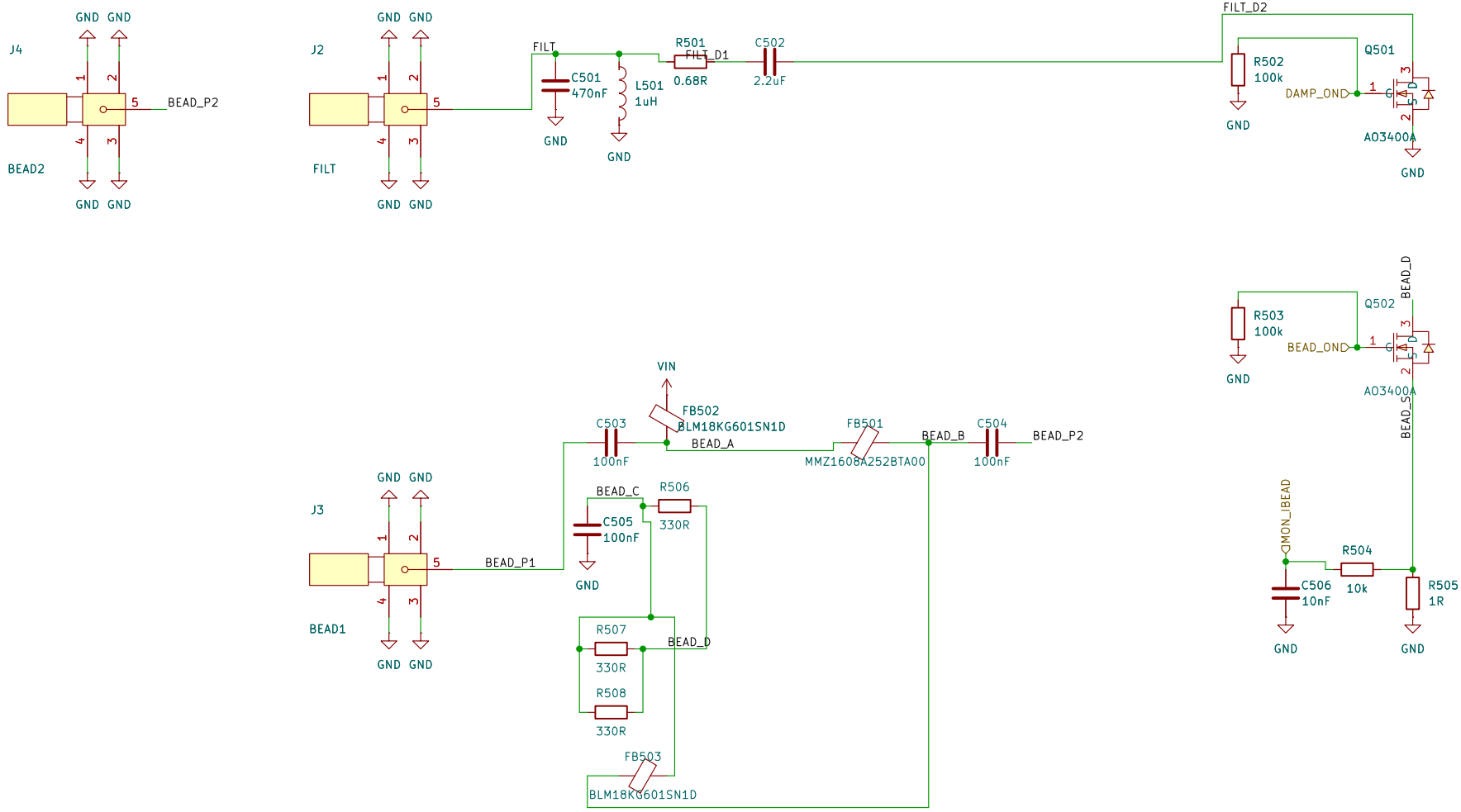








hwde		
Sheet: /comb/		
File: comb.kicad_sch		
Title: emc-ref: Comb: 20 MHz XO, /2 flip-flop, pad to J1; buffers for the c		
Size: A2	Date:	Rev: 1
KiCad E.D.A. 10.0.6		Id: 5/6



hwde		
Sheet: /coupons/		
File: coupons.kicad_sch		
Title: emc-ref: Input LC filter (J2, switched damping) and ferrite bead under		
Size: A4	Date:	**Rev: 1**
KiCad E.D.A. 10.0.6		Id: 6/6