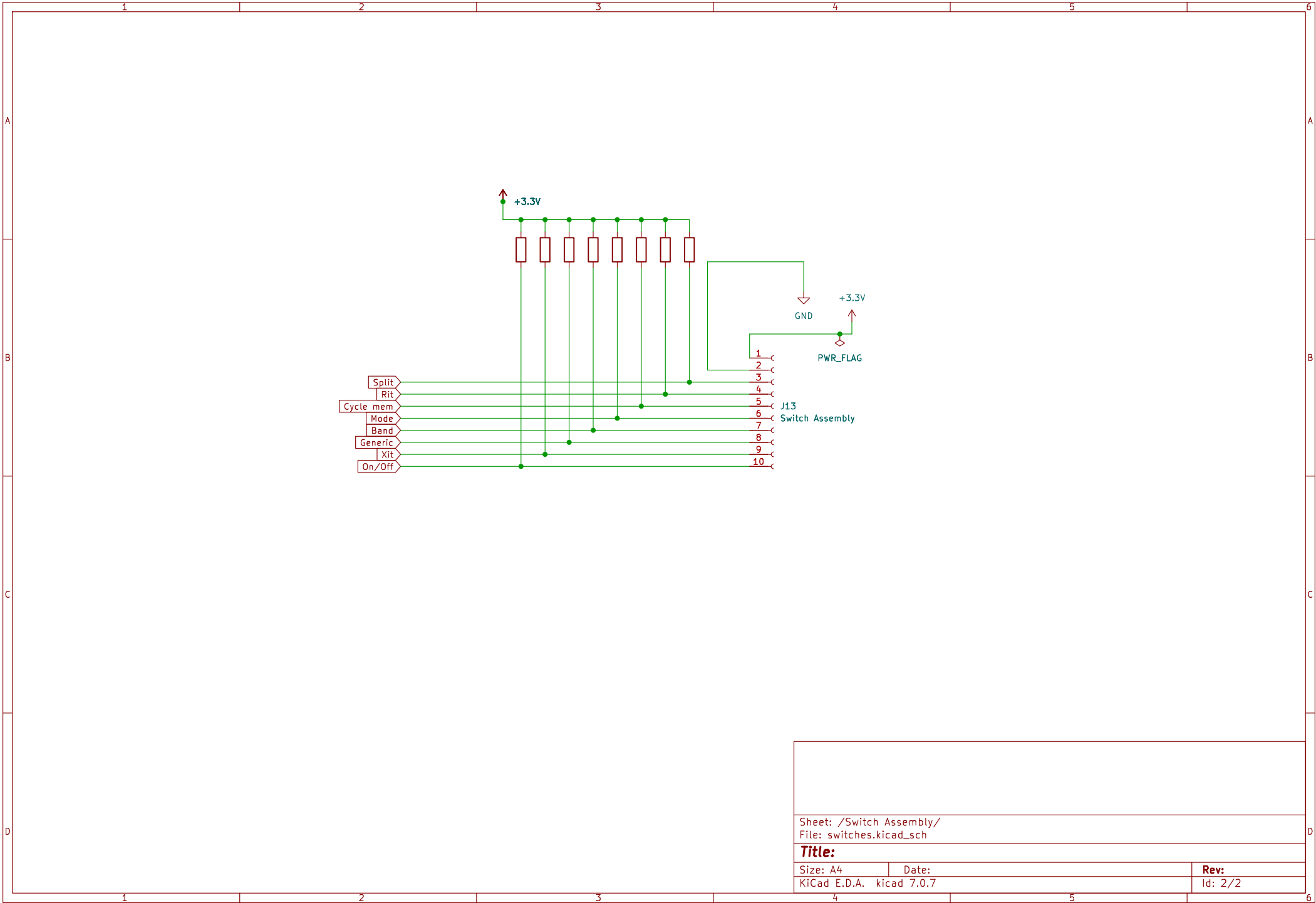


The image shows a detailed PCB layout for an ESP32-DevKitC board. The layout is divided into several functional blocks:

- Audio & Mic Input:** This block includes a speaker (LS1) and a microphone (J1). It features a magnetic rotary encoder (VF01) for audio control, with pins for Encoder A and Encoder B. The speaker is connected to the audio output (J4) and the microphone to the mic input (J1).
- Ptt signaling:** This block includes a PTT (Push-to-Talk) switch (J5) and a TF Set switch (J6). It features a magnetic rotary encoder (VF01) for PTT control, with pins for Encoder A and Encoder B. The PTT switch is connected to the PTT pin and the TF Set switch to the TF Set pin.
- From RRC:** This block includes a 6P6C RRC (Radio Reference Connector) (J3) and a 6P8C LED Shielded connector (J2). It features a magnetic rotary encoder (VF01) for RRC control, with pins for Encoder A and Encoder B. The RRC connector is connected to the RRC pin and the LED Shielded connector to the LED pin.
- ESP32-DevKitC:** The central module is labeled 'ESP32-DevKitC' and shows its pin connections to the other components. It includes a list of pins and their functions, such as TX, RX, Boot / Flash, Encoder A, Encoder B, Generic, Band, Mode, Cycle mem, Rit, Split, SD\_CLK, SD\_DATA0, SD\_DATA1, SD\_DATA2, SD\_DATA3, CMD, TDO, and RDO.

The layout is color-coded and includes a title block at the bottom right:

Sheet: /  
File: rrc-interface.kicad\_sch  
**Title:**  
Size: A4 Date:  
KiCad E.D.A. kicad 7.0.7 Rev:  
Id: 1/2



Sheet: /Switch Assembly/ File: switches.kicad_sch		
Title:		
Size: A4	Date:	Rev:
KiCad E.D.A. kicad 7.0.7		Id: 2/2