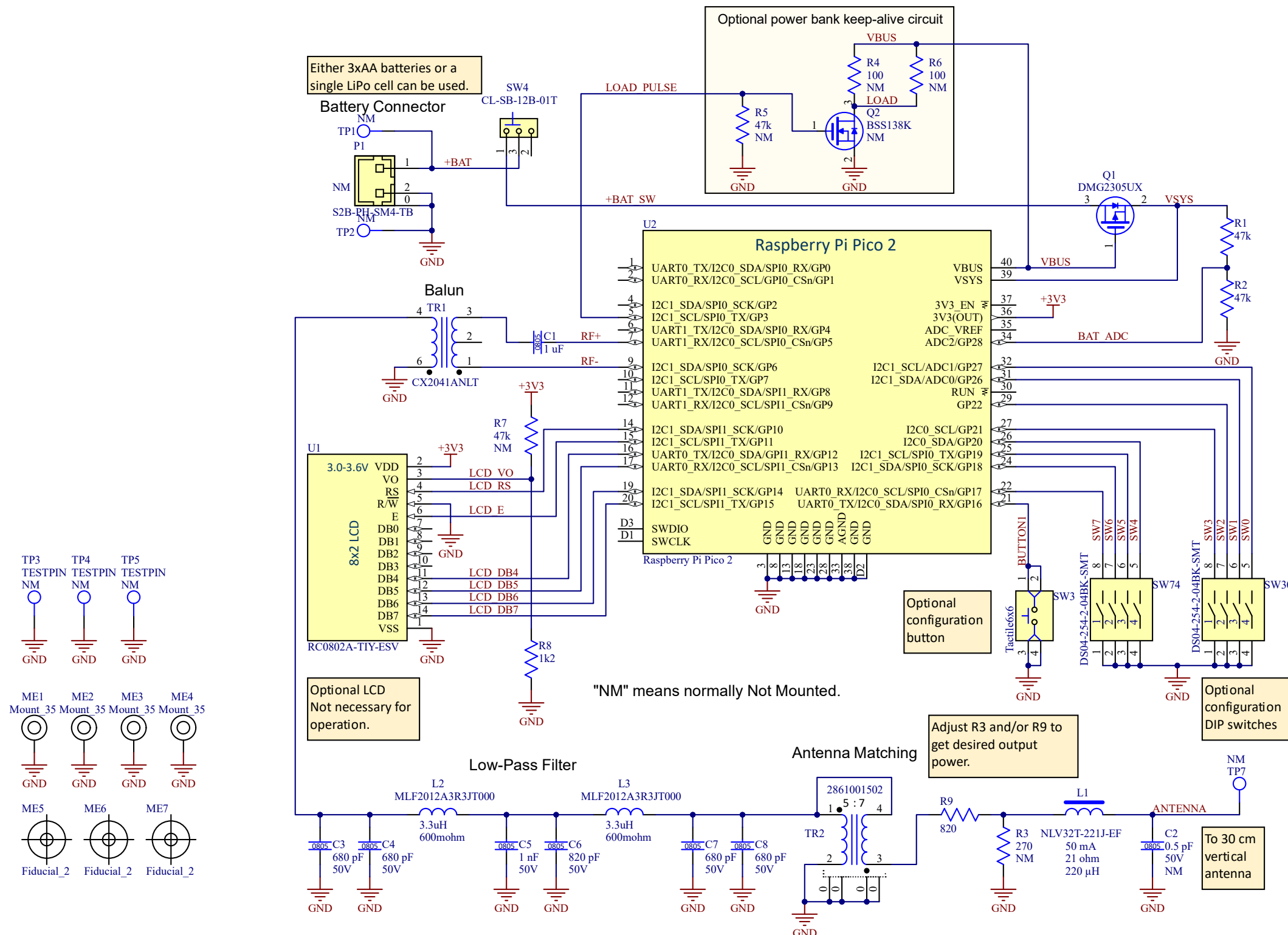


# Raspberry Pi Pico Foxoring Transmitter

## Revision history

Date	Revision	Description
2024-12-01	01A	First revision.
2024-12-30	02A	<ul style="list-style-type: none"> <li>- Added LCD VO resistors.</li> <li>- Removed decoupling capacitor.</li> <li>- Modified antenna matching.</li> </ul> <p>Todo:</p> <ul style="list-style-type: none"> <li>- Eliminate TR2?</li> <li>- Attenuate at processor pins.</li> <li>- Filter with leading inductor to reduce power.</li> </ul>



## Suggested DIP Switch Functions

SW7:SW4	Frequency	SW3:1	Mode
0000	Use EEPROM	000	Beacon "MO"
0001	3 510 000 MHz	001	Fox 1 "MOE"
0010	3 520 000 MHz	010	Fox 2 "MOI"
0011	3 530 000 MHz	011	Fox 3 "MOS"
0100	3 540 000 MHz	100	Fox 4 "MOH"
0101	3 550 000 MHz	101	Fox 5 "MO5"
0110	3 560 000 MHz	110	Fox 6 "MON"
0111	3 570 000 MHz	111	Fox 7 "MOD"
1000	3 580 000 MHz		
1001	3 590 000 MHz		
1010	3 600 000 MHz		
1011	3 500 000 MHz		
1100	3 579 545 MHz		
1101	reserved		
1110	reserved		
1111	reserved		

The switch ON position is regarded as a '1' in the tables above. It does however ground the pin, so it will be read as a '0' by the software.