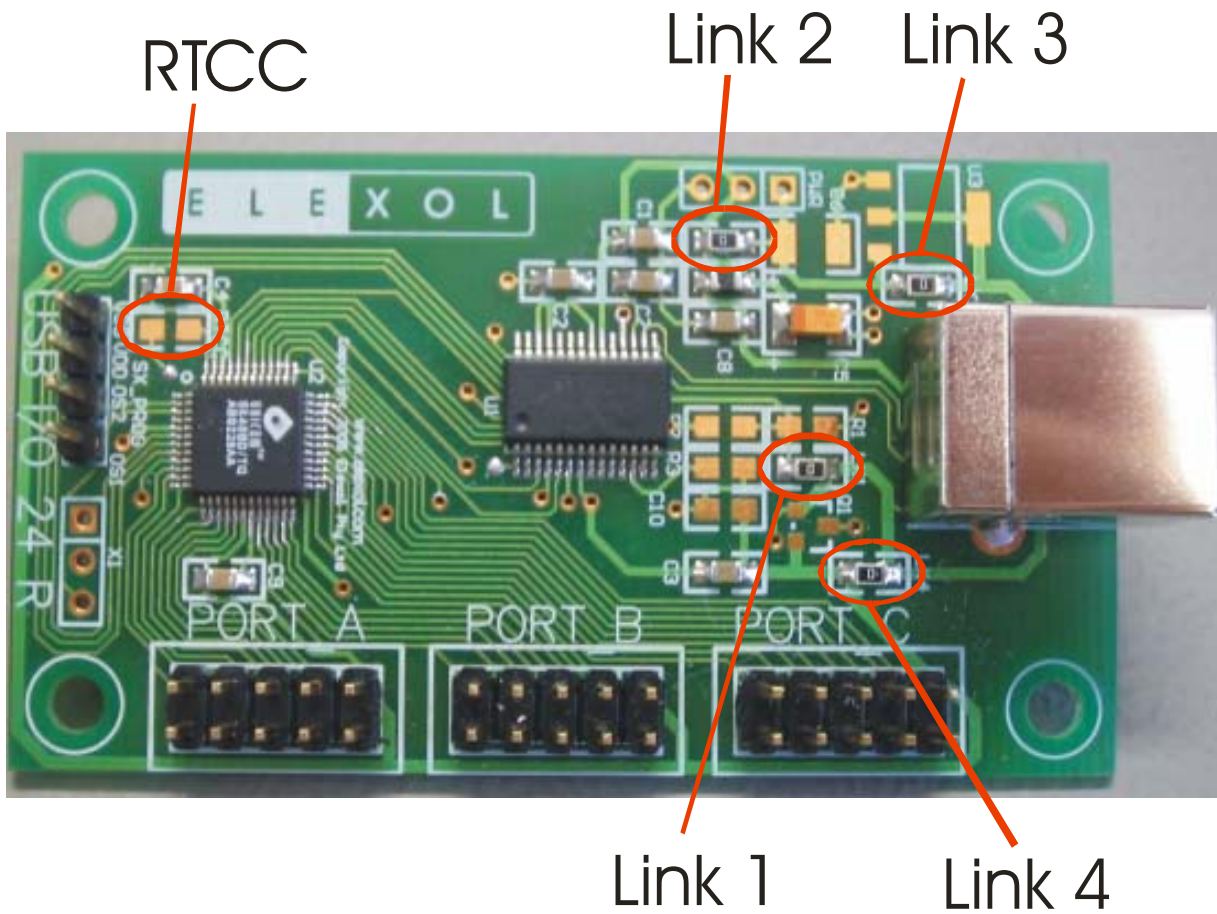


**How to configure the USB I/O 24 R PCB for Self powered configuration**



**Self Powered Option**

To run USB I/O 24R in Self Powered mode

1. Remove Link 1 and Components FB & C8
2. Place components R1,R2
3. Apply an external power supply (5V MAX) to pin 2 of PWR Connector.

Where R1 = 4k7, R2 = 10k

If your circuitry connected to the SX48 and the voltage rail requires power switching during USB Suspend operation Link 4 will need to be removed and components Q1, R3 and C10 will need to be placed.

Where Q1 = IRLML6402 , R3 = 1k and C10 = 100nF