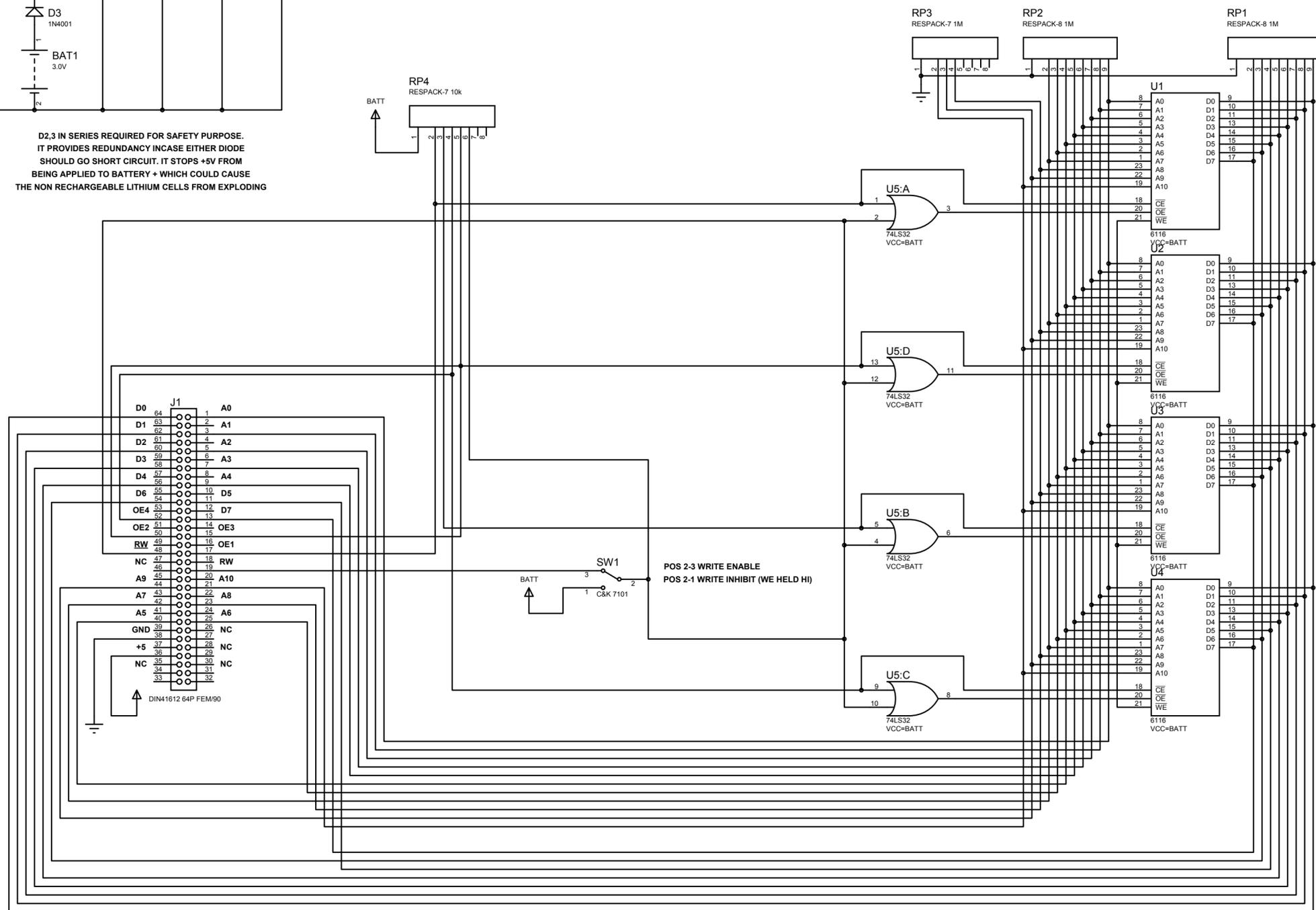


D2,3 IN SERIES REQUIRED FOR SAFETY PURPOSE.  
IT PROVIDES REDUNDANCY IN CASE EITHER DIODE  
SHOULD GO SHORT CIRCUIT. IT STOPS +5V FROM  
BEING APPLIED TO BATTERY + WHICH COULD CAUSE  
THE NON RECHARGEABLE LITHIUM CELLS FROM EXPLODING



**SIMMONS MEMORY CARTRIDGE V1.02 - NEW DESIGN WITH LITHIUM BACKUP AND RESISTOR NETWORKS**