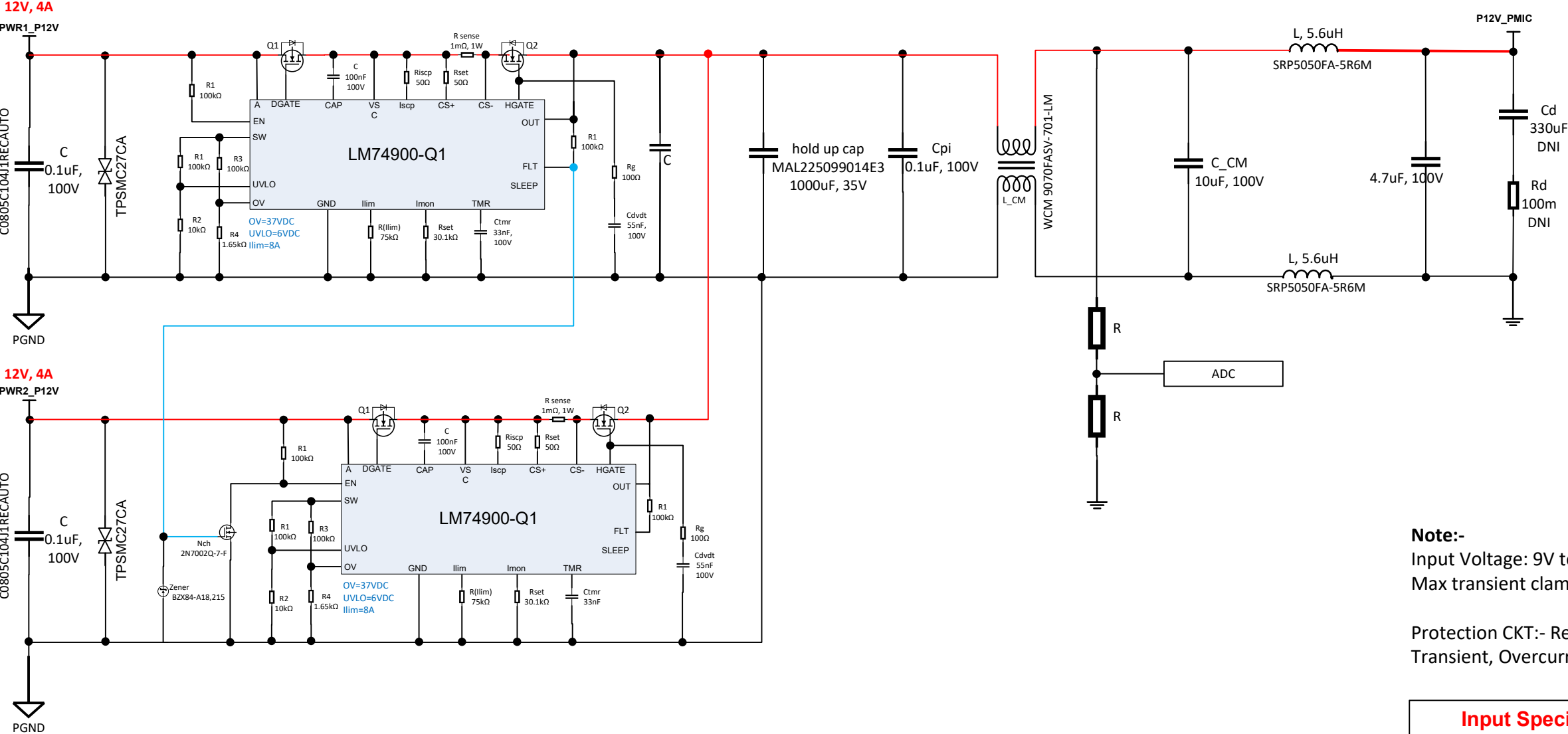
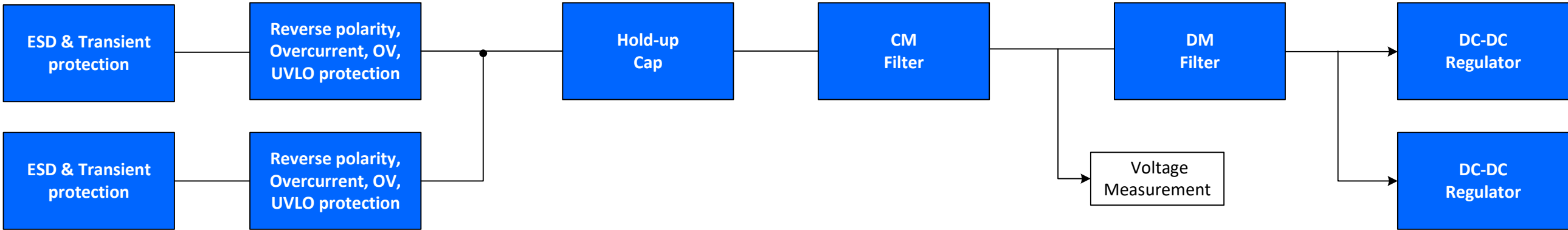


Power Input Path



Note:-
Input Voltage: 9V to 13.5V (12V is Nominal)
Max transient clamping Voltage: 37.5V DC

Protection CKT:- Reverse voltage Polarity
Transient, Overcurrent, OV, UVLO and filter

Input Specification (VBAT_A & B)	
Vin Min	9V DC
Vin Nominal	12V DC
Vin Max	13.5V DC
Iin Max	5A max at 12V
Over Voltage Test (1 hours)	17.0V DC
Reverse Polarity (60 sec)	-14.0V DC
Jump Start (60 sec)	26.0V DC