

Input voltage from power supply = 36 V

Battery Voltage = 22.8 V (24V 7A Battery Used)

LT8490 IC	Output DC Voltage with respect to ground	Remarks
Pin 7 - INTVcc Pin 24 - GATEVcc	6.30 V	
Pin 11 - SHDN	8.45 V	
Pin 20 - CLKOUT	200KHz	
Pin 46 - Vin	35.3 V	
Pin 10 - IMON_IN	144 mV	
Pin 17 - IMON_OUT	0.7V to 3V	
Pin 50 - IOW	0 V	
Pin 15 & 1 - FBIN/FBIR	1.86 V	
Pin 6 - FBIW	3.3 V	
Pin 21 - SYNC	0 V	
Pin 56 - CLKDET	0 V	
Pin 20 - CLKOUT	0 V	
Pin 61 - CHARGECFG1	2.87 V	
Pin 63 - CHARGECFG2	3.3 V	
SWEN - Pin 8	0.7 V to 3.3 V	
Pin 5 - FBOW	1.88 V	

Pin 16 - FBOUT	1 V	
Pin 57 -	1 V	
Pin 41 - CSNOUT	22.8 V	
Pin 42 - CSPOUT	22.8 V	
Pin 11 - SHDN	8.45 V	
Pin 58 - AVDD, Pin 4 - VDD, Pin 14 - LD033	3.3 V	
Pin 19 - SS	3 V (vary)	
Pin 9 - Mode	0 V	
Pin 40 - EXTVcc	22.8 V	
Pin 32 - TG1	0 V (M1-GSD 0V 0V 35V)	
Pin 28 - TG2	0 V (M4-GSD 0V 0V 22.8V)	
Pin 23 - BG1	6.3 V (M2-GSD 6.3V 0V 0V)	
Pin 25 - BG2	0 V (M3-GSD 0V 0V 0V)	
Pin 33 - BOOST1	5.84 V	
Pin 27 - BOOST2	5.84 V	
Pin 18 - Vc	0 V	
Pin 13 - CSP	0 V	
Pin 12 - CSN	0 V	

Pin 44 - CSNIN	35.2 V	
Pin 45 - CSPIN	35.2 V	
Pin 42 - CSPOUT	22.8 V	
Pin 41 - CSNOUT	22.8 V	
Pin 22 - RT	0.7 V	

Is there any issue with Clock or MOSFET?