



Note:

- ** When there is POWER SUPPLY from the mains microcontroller detect the main supply and switch the mosfet as given below table.
- ** A huge electrolytic capacitor is used at the controller input which during the main supply is present. And capacitor discharges to controller when there is no main supply.
- ** When there is NO POWER SUPPLY from the mains microcontroller detect the main supply and switch the mosfet as given below table
- ** SW1 is used as the switch that control the input supply to charges IC
- ** SW2 is used as the switch that switch between charger ic and lm2700 input at the no main power supply
- ** SW3 is used as the switch that control the REVERSE CURRENT(to charger) from battery to Charging IC when there is no power supply.

Power sense	5V	SW1	SW2	SW3
1	1	1	0	1
0	1	0	1	0

NOTICE

INFORMATION PRESENTED IN THIS DRAWING IS THE PROPERTY OF IMI CORNELIUS, INC. IS CONSIDERED PROPRIETARY AND IS NOT TO BE REPRODUCED WITHOUT THE SPECIFIC WRITTEN PERMISSION OF IMI CORNELIUS, INC.



Cornelius
101 Regency Drive
Glendale Heights, IL 60139

Size	Drawn By	Document Number	Rev
Custom			

Date: _____ Sheet 2 of _____