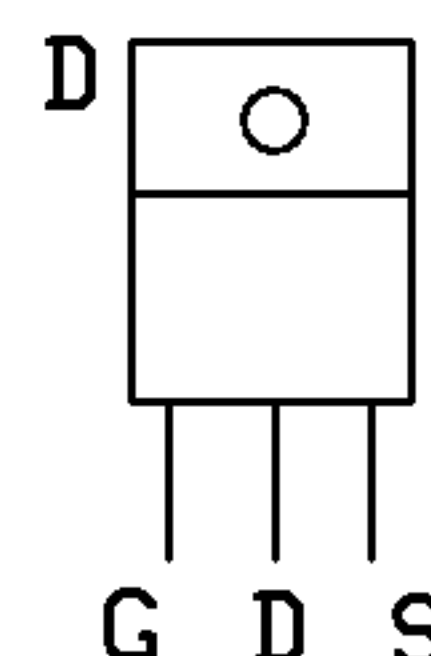


Adjustable Charge switch, Directional Isolator and Main Battery Low voltage Isolator  
 If over 12.8v input (Adj) the Diode and FET are shorted by RLY1 (System is charging)  
 If input voltage drops below 11.9 (Adj) the Main battery is isolated.

D1 35A 450mv fwd volt drop  
 FET - P-channel, 88A. Part # STP80PF55



**Aux Battery Directional Isolator  
 & Main Batt Low Voltage Cut-Off**

Mike

Rev 3.1  
 28/02/2011

Page # or name