



Discharge loop, Q1 is ON: P- -> Q2 internal parasitic diode-> Q1 channel-> B- ->B+ -> P+

Charge loop, Q2 is ON: P+  $\rightarrow$  B+  $\rightarrow$  B-  $\rightarrow$  Q1 internal parasitic diode  $\rightarrow$  Q2 channel  $\rightarrow$  P-