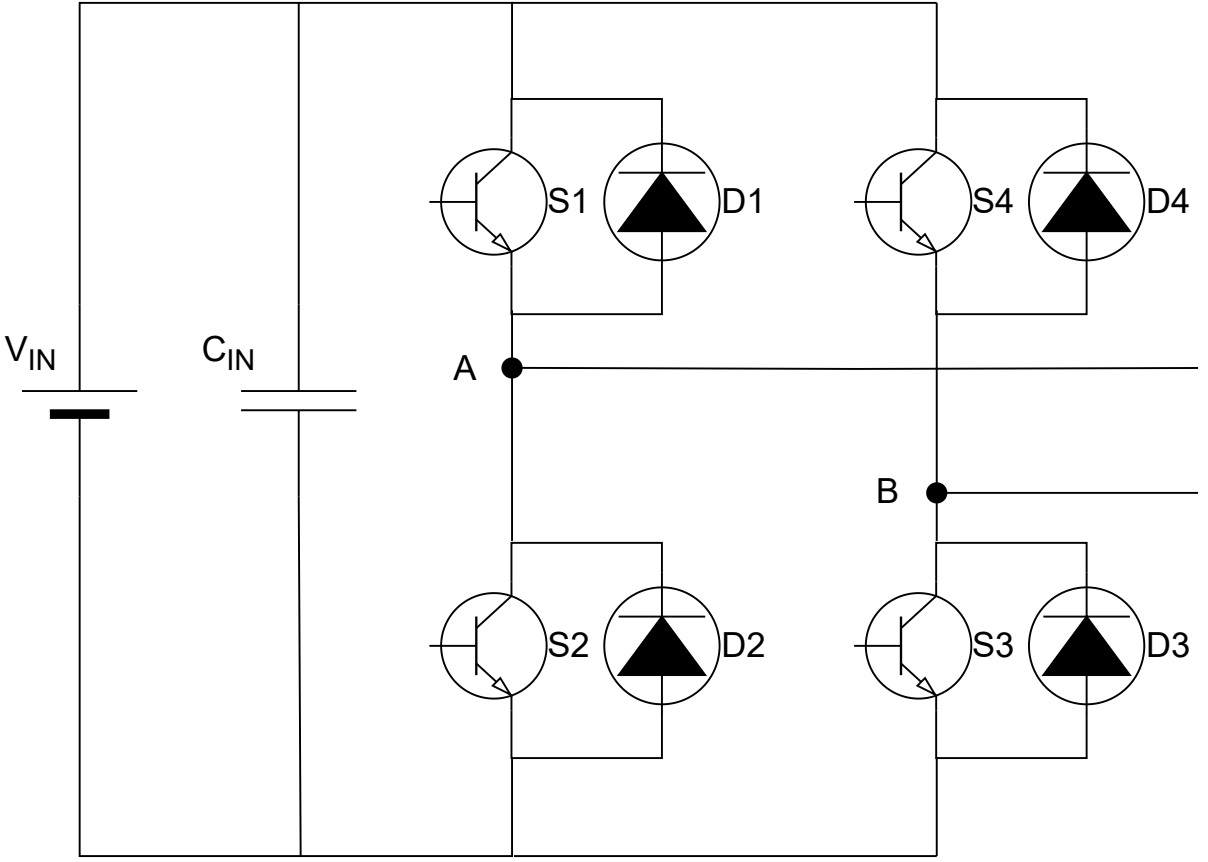

S1
D1
S4
D4
V_{IN}
C_{IN}
A
B
S2
D2
S3
D3