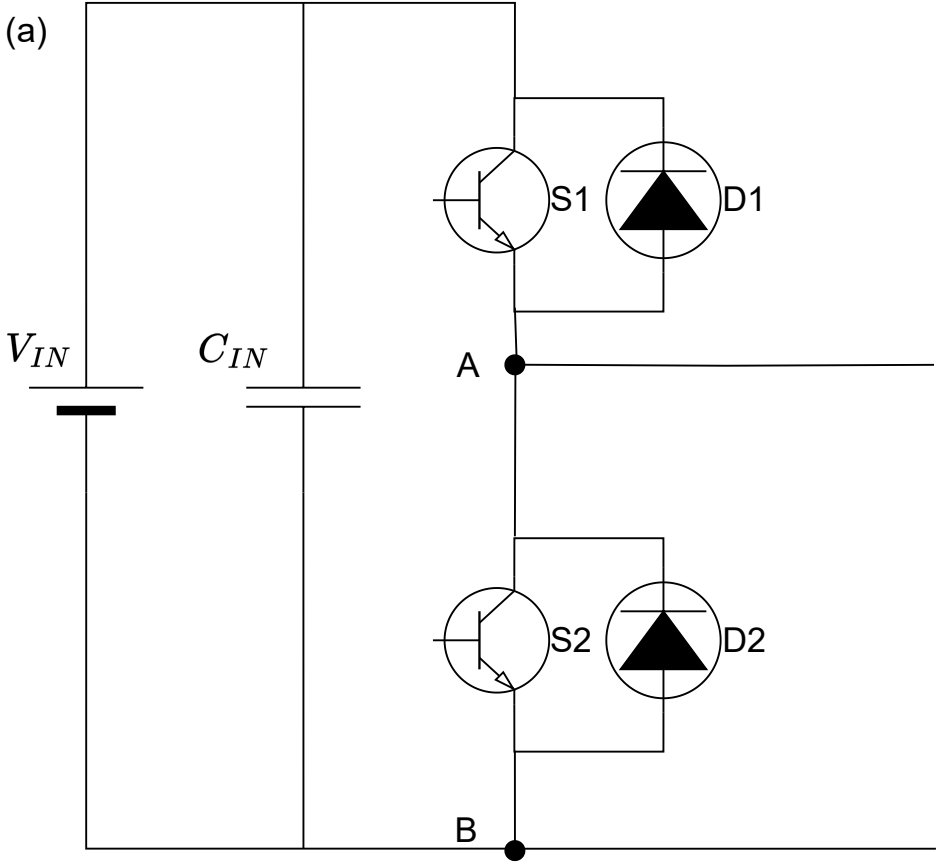
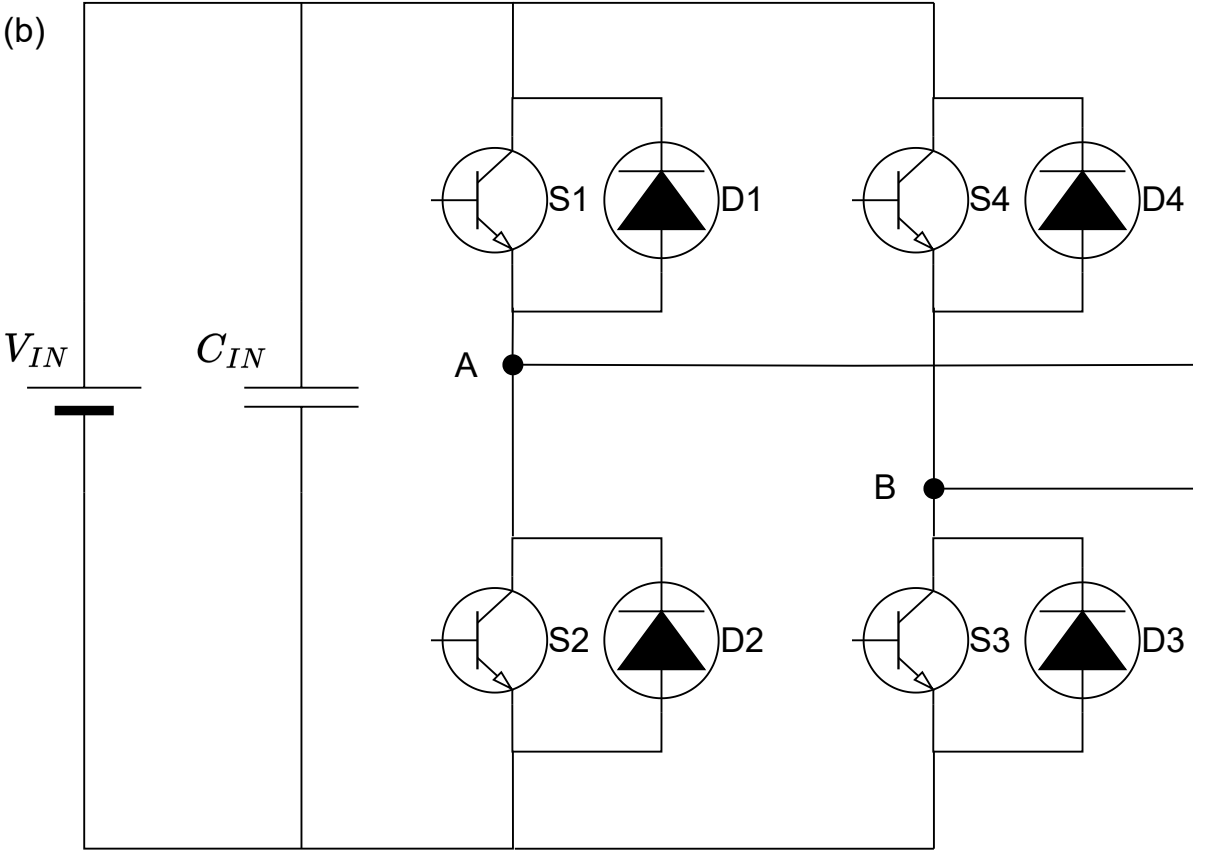
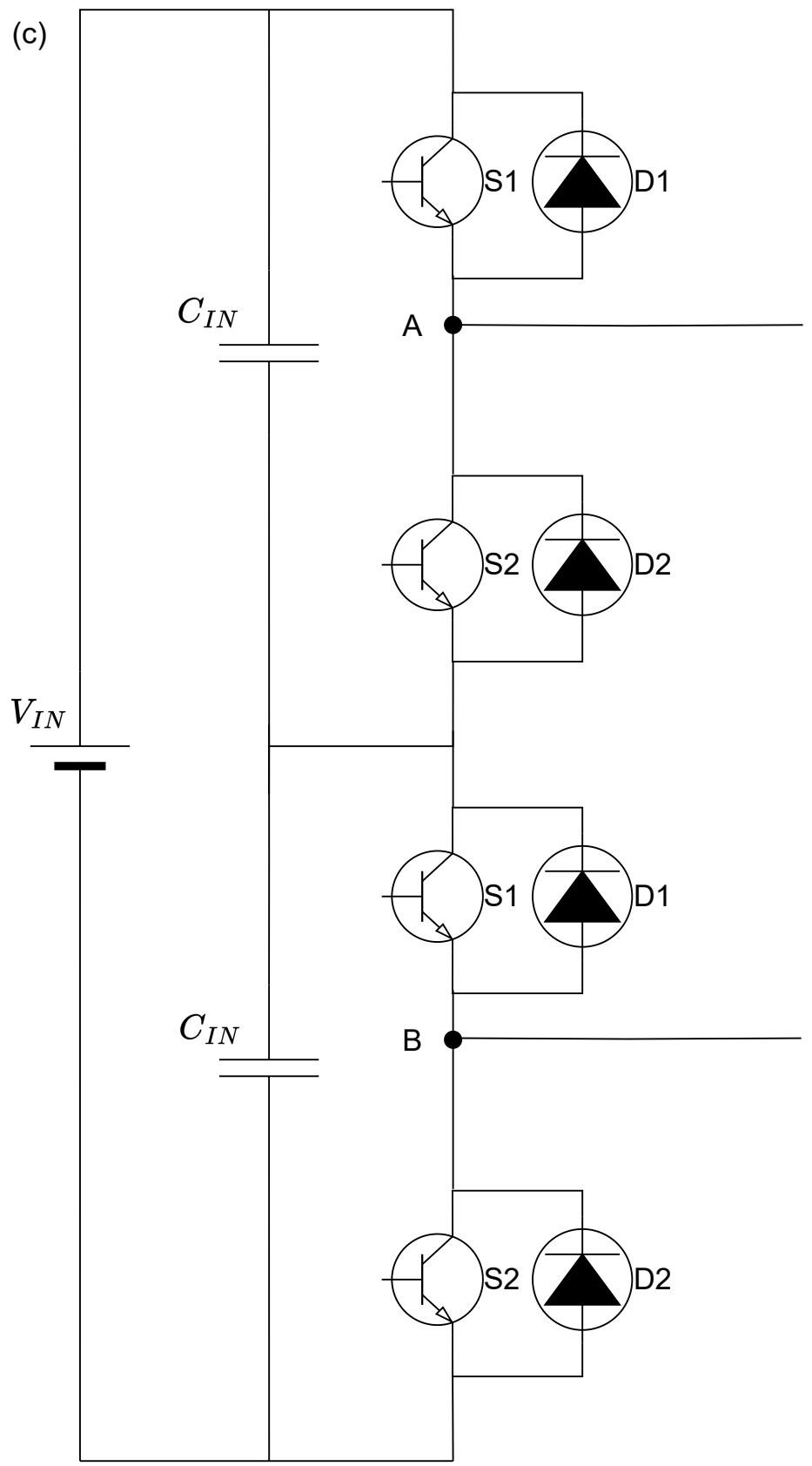
(a)


S1
D1
V_{IN}
C_{IN}
A
S2
D2
B

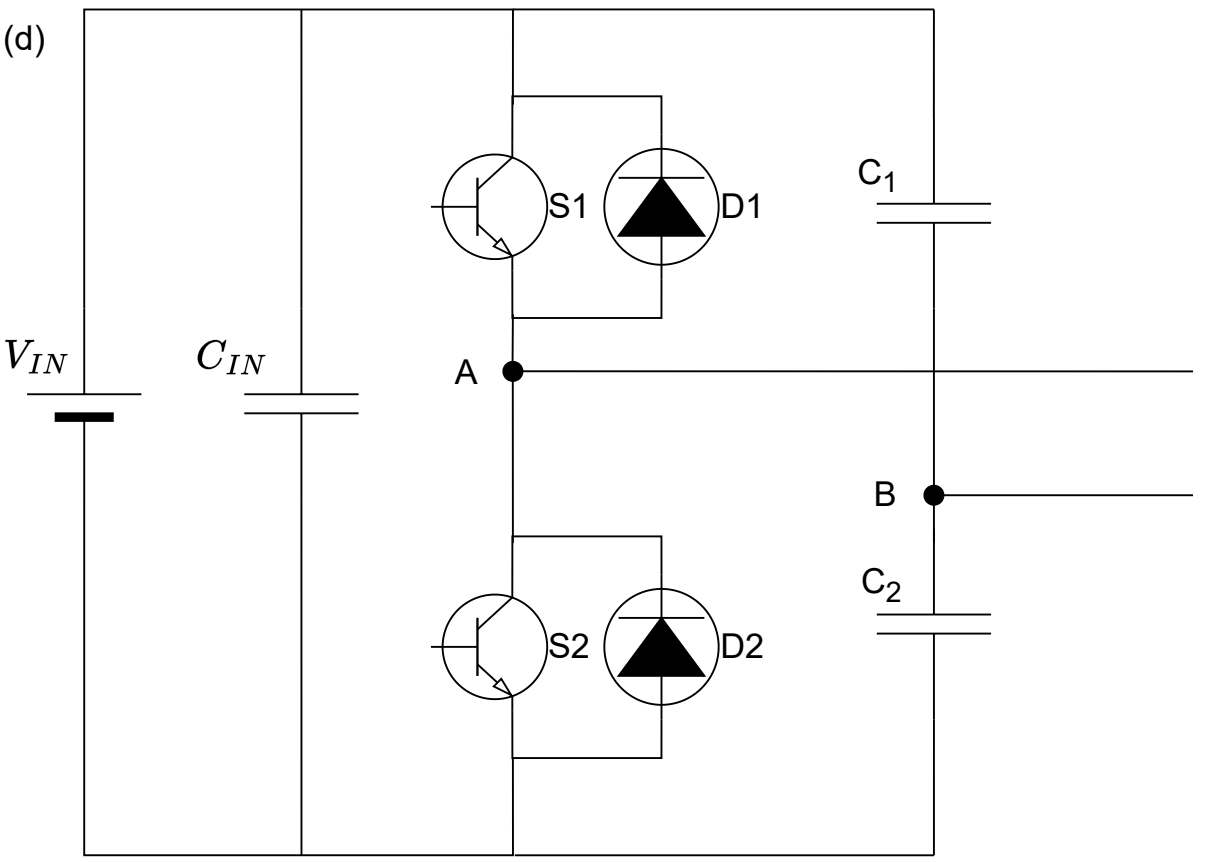
(b)


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

(c)


S1
D1
C_{IN}
A
S2
D2
V_{IN}
S1
D1
C_{IN}
B
S2
D2

(d)


S1
D1
C_1
V_{IN}
C_{IN}
A
B
C_2
S2
D2