Name _____ Key _____ ③

What is V$_{OUT}$?

①

3V

1K 1K

V$_{OUT}$ +6V.

②

3V.

3V

V$_{OUT}$ +6V.

③

3V

3V

10 mA

V$_{OUT}$ +6V.

④ +6V.

V_OUT

3V

3 V

1K

⑤ −1V.

V_OUT

10 K

10K

10K

3V.

−2V.

10K

⑥ −2V.

V_OUT

10K

2V.

10K

10K

(7)

3V

V_{OUT}

3V

10K

$3V_1$

---

(8)

10K

10K

10K

3V

2V.

10K

V_{OUT}

$-1V_1$

---

(9)

1K

2mA

V_{OUT}

$-2V_e$

$2mA$

ω·

---

(10)

1K

1K

2mA

V_{OUT}

$-2V_1$