LM317

VOUT1 $= 2V + 0.01 \times 18 = 2.18V$

VOUT2 $= 2.18 + 0.1 = 2.28V$

VOUT3 $=$ VOUT2 $= 2.28V$

$V_0 = V_{ref} \times (1 + \frac{R_2}{R_1}) + (I_{adj} \times R_2)$

$V_0 = 2.18V$

$\frac{R_2}{R_1} = \frac{V_0}{V_{ref}} - 1 = \frac{2.18}{1.25} - 1 = 0.744$

$\underline{R_1 = 240\Omega}$ $\underline{R_7 = 178.56\Omega}$

$V_0 = 2.18V$

$I_F = 20mA$

$V_F = 2V$

$V_{OUT} = V_F + I_F \times R_T$

$R_T = (2.18 - 2)/0.02$
$\quad = 9\Omega$

LS LTST -C191

$I_F = 20mA$ $V_F = 2V$

$V_F + I_F \times R_8 = V_0$

$R_8 = (V_0 - V_F) / I_F = (2.28 - 2) / 0.02 = 14 \,\Omega$

MIC5377

$V_0 = 2.28V$

~~$I_{adj} = 150mA \quad 0.01\mu A$~~

~~$I_{adj} = 150mA$~~

$V_{ref} = 1V$

$$V_0 = V_{ref}\left(1 + \frac{R_1}{R_2}\right)$$

$$\frac{R_1}{R_2} = \frac{V_0}{V_{ref}} - 1 = 1.28 = \frac{R_5}{R_6}$$

若 $R_6 = 100k\Omega$. $R_5 = 128k\Omega$