













The 100 SL and the 200 SZ resistors are in

$$\frac{1}{R_{eg}} = \frac{1}{R_{1}} + \frac{1}{R_{2}}$$

$$= \frac{1}{1000 R} + \frac{1}{20052}$$

$$\frac{1}{R_{eg}} = .015$$

$$R_{eg} = 6752$$

$$Sorr 6752 7552$$

$$R_{eg} = 6752$$

$$NW = WW = WW = 15052$$

The 50se, 67se, 75se and 150se are in series $R_{eq} = 50se + 67se + 75se + 160se$ $R_{eq} = 342se \in The equivalent resistance$ st the circuit $10v = \frac{1}{2}$

$$J = \frac{V}{R} = \frac{10V}{342SC} = 0.029A$$

100 - Mu Mu Resistors are in series. 100 - Mu Mu Resistors are in series. 100 - Mu Resistors are in series. 100 - Mu Resistors. 100 - All resistors.

$$\frac{1}{50n} = 0.029A \qquad \frac{1}{50n} = 1.50n R_{50n} = (0.029A)(50n) = 1.45V$$

$$\frac{1}{67n} = 0.029A \qquad \frac{1}{67n} = (0.029A)(67n) = 1.94V$$

$$\frac{1}{75n} = 0.029A \qquad \frac{1}{75n} = (0.029A)(75n) = 2.18V$$

$$\frac{1}{150n} = 0.029A \qquad \frac{1}{150n} = (0.029A)(150n) = 4.35V$$

The 6752 is the equivalent resistance of 2 resitors
M purallel
10052
The voltage drop across each resistor in
20052 He same

$$V_{10052} = 1.94V$$
 $T_{10052} = \frac{1.94V}{10052} = 0.019A$
Varia = 1.94V $T_{10052} = 1.94V$

$$\frac{1}{200 n} = \frac{1.94 v}{200 n} = 0.010 A$$