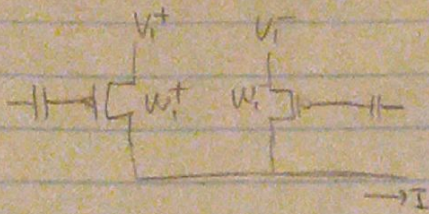


105

Scanned by CamScanner

17th Aug



$$\begin{cases} V_1^+ = V_{dc} + \Delta V \\ V_1^- = V_{dc} - \Delta V \end{cases}$$

$$\begin{aligned} I &= w_1^+ V_1^+ + w_1^- V_1^- \\ &= w_1^+ (V_{dc} + \Delta V) + w_1^- (V_{dc} - \Delta V) \\ &= (w_1^+ + w_1^-) V_{dc} + (w_1^+ - w_1^-) \Delta V \\ &= \underbrace{(w_1^+ + w_1^-) V_{dc}}_{\text{d.c.}} + \underbrace{\frac{V_1^+ - V_1^-}{2} \cdot (w_1^+ - w_1^-)}_{\text{Signal}} \end{aligned}$$

current	Hex (dec)
1 μ A	7404 \rightarrow 398
2 μ A	7802 \leftarrow
3 μ A	8053 \rightarrow 191
4 μ A	8296