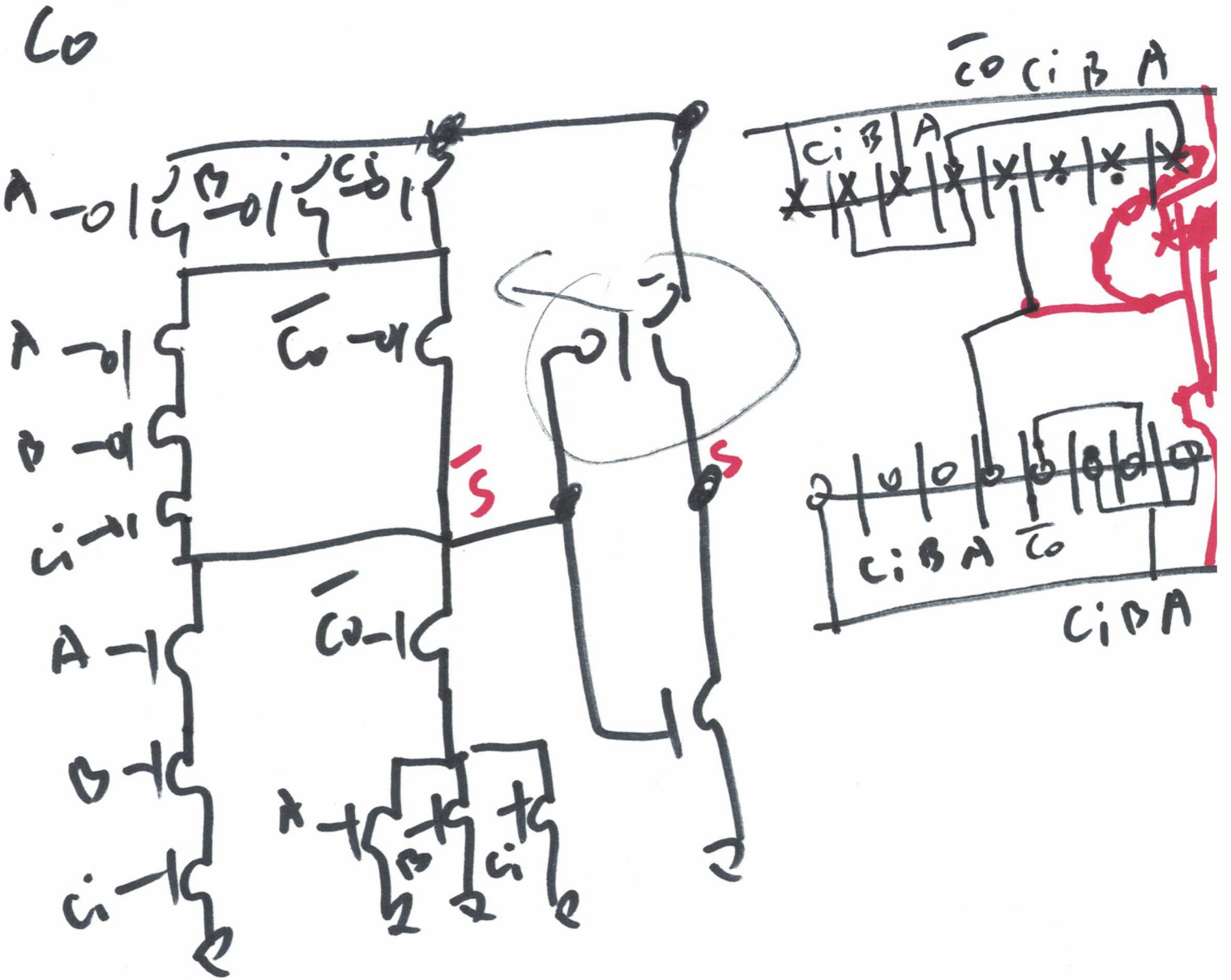
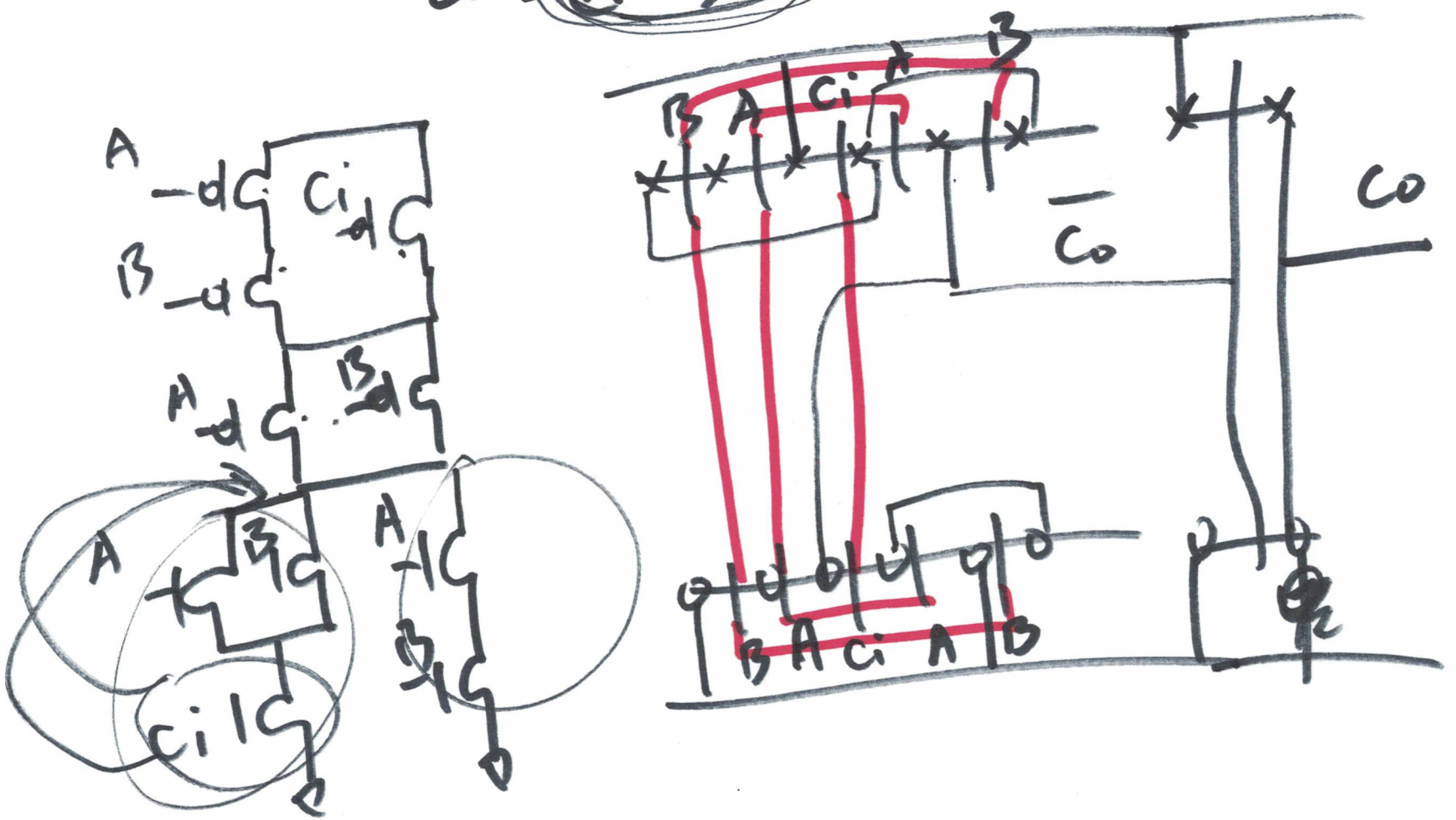
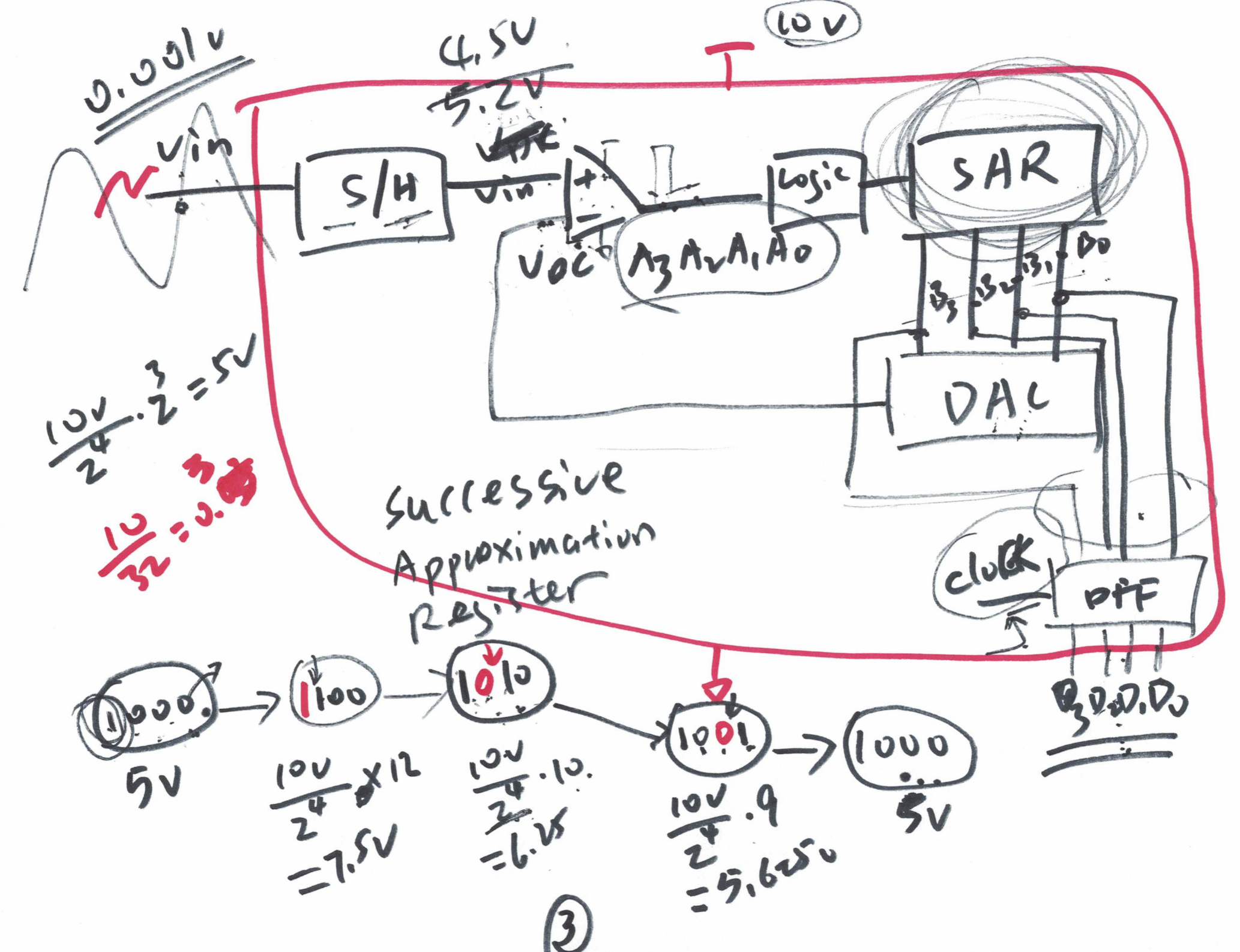

Co
A
B
Ci
$\overline{Co}$
$\overline{S}$
S
$\overline{Co}$ Ci B A
Ci B A
Ci B A $\overline{Co}$
Ci B A

$$C_o = (A+B)C_i + AB$$

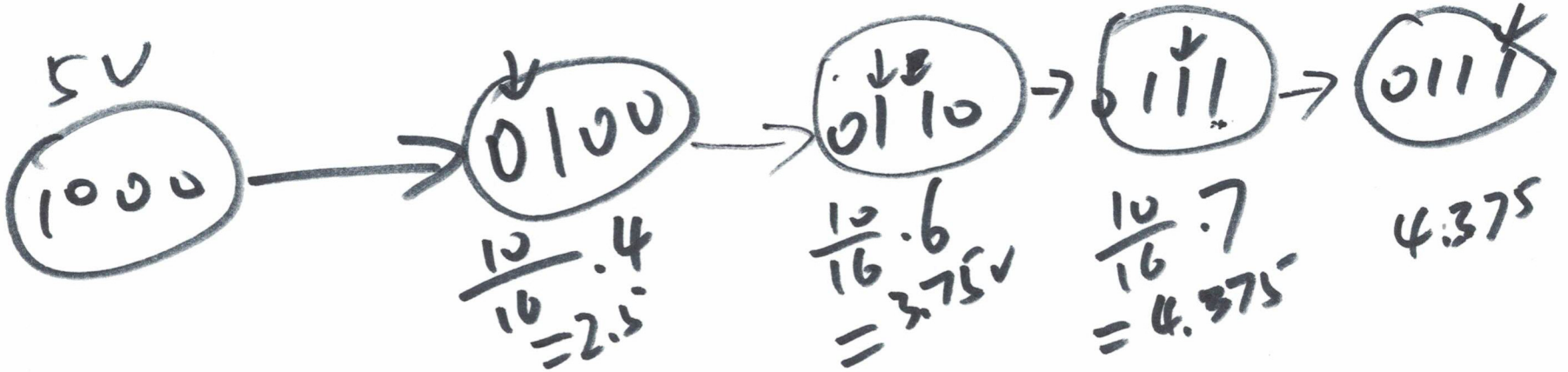




$\frac{10V}{2^4} \cdot 2^3 = 5V$

$\frac{10}{32} = 0.3$

$V_{in} = 4.5V$


5V
1000
0100
$\frac{10}{16} \cdot 4 = 2.5$
0110
$\frac{10}{16} \cdot 6 = 3.75V$
1111
$\frac{10}{16} \cdot 7 = 4.375$
0111
4.375