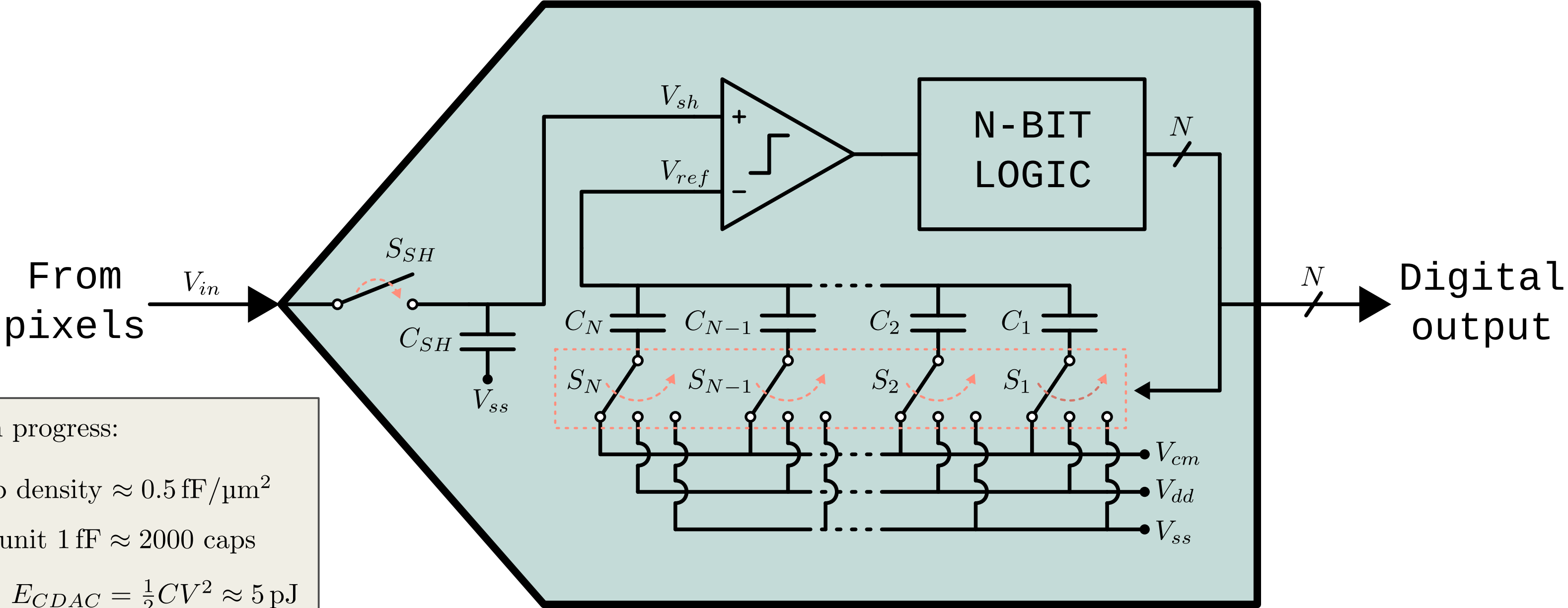


SAR ADC



Work in progress:

MOM cap density $\approx 0.5 \text{ fF}/\mu\text{m}^2$

@ unit $1 \text{ fF} \approx 2000 \text{ caps}$

$$E_{CDAC} = \frac{1}{2}CV^2 \approx 5 \text{ pJ}$$

Non binary-weighting