

Cizenito di patlecoure pen
ESD (Elecho static Dischage)
Consertibure ADC
SAR


$$
\begin{aligned}
& \operatorname{SAR}=0 \\
& \text { for }(i=\mu-1 ; i>0 ; i-) \\
& \{\operatorname{Sar}[i]=1 \\
& \text { if }[\text { analog }(\text { Sor })>\operatorname{Vin} \\
& \text { then sor }[i]=\phi
\end{aligned}
$$



ES.

$$
\begin{aligned}
& V_{\text {in }}=3 \mathrm{~V} \text { su } 2 \text { bet } \\
& \text { Slep ini }=\text { SAR }=\left[\begin{array}{ll}
0 & 0
\end{array}\right] \\
& \text { Hep 1: } S_{A R}=\left[\begin{array}{ll}
1 & 0
\end{array}\right] \rightarrow \operatorname{aralog}[S A R]=2 \longrightarrow \operatorname{aralay}(S A R)>V_{i N} \text { ? NO } \\
& S A R=\left[\begin{array}{lll}
1 & 0
\end{array}\right] \\
& \text { Sey 2: } \operatorname{SAR}=\left[\begin{array}{ll}
1 & 1
\end{array}\right] \rightarrow \text { araley }[S A R]=3 \rightarrow \text { aroluy }(S A R)=V_{1 N} \text { ? NO } \\
& S A R=[11]
\end{aligned}
$$

3 bet
$b_{2}, b_{1}$, $b_{0}$

$$
\begin{aligned}
& b_{2} \cdot 2^{2}+b_{1}+2^{1}+b_{0} \cdot 2^{0} \\
& 4 b_{2}+2 b_{1}+b_{0}
\end{aligned}
$$



