VLSI Design - Lecture 3 5th Ang 2022

Use the generic 0.25 μm CMOS model below for all your work unless otherwise specified. Assume $|2\phi_F| = 0.6 \ V$.

	$V_{T0}(V)$	γ ($V^{0.5}$)	$V_{DSAT}(V)$	$k'(A/V^2)$	$\lambda (V^{-1})$	$R_{eq} (k\Omega)@V_{DD}$
NMOS	0.43	0.4	0.63	115×10^{-6}	0.06	13
PMOS	-0.4	-0.4	-1	-30×10^{-6}	-0.1	31









