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PART S (FIG 8)
    Vov = 200mV, IREF= IMA, R. = 50052, VA=2.5V
  I eep = \frac{1}{2} \left( \frac{\psi}{2} \right)_2 \left( \frac{\psi}{\psi} \right) \left( \frac{\psi}{\psi} \right) \left( \psi_{s2} = \frac{200mV}{}
       (W) = 144.68
  Tw.=36.17 um, Lz=0.25um
    IREF = $\frac{1}{2} \left(\vartheta\) \(\left(\vartheta\)) \(\vartheta\) \(\vartheta\)
             \left(\frac{\omega}{L}\right) = 130.21
    W,= 32.55um, L,=0.25um
  IREE = \frac{1}{2} (\frac{1}{2}) 6 Vov (1+ \frac{1}{2006}) VDE6 = VG5 = VG1 = 500 mV
             (a) = 130.21
    W6=32.55 MM, L6=0.25 MM
             (w) = 3(2)
 W= 10.85 um, L= 0.25um
    1.01 ILEF = \( \frac{1}{2} \rightarrow \frac{1}{2} \ri
                                                                                                                                                                                                                                      Voss = V44 - Vasy = 200mV
                     (w) = 146.12
    W3=36.53um, L3=0.25um
1.01 IRF = & (w) 4 Va (1+ Vosa)
                                                                                                                                                                                                                                                    VDSH = VDO- (1.01 IERF) RL - VDS3 = 1.095
                          ( = 109.74
       ( Wh = 27.44 MM, Ly = 0.25 Jum
                  * ALL TRANSISTORS IN STRONG INV. & SATURATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                      EXCEPT
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FOR MS WHICH IS IN THE LINEAR REGION.