Analog Signal Proussing Clan-Test-3 Bratzush Jaimoul 18EE 35014 Vrms = Vp-P 01 Vref = 50 V. Vo(RMS) = VasA = 5 275 × 5 225. 7449 SMP (inds) = 20 log (14-103) dR = 47.07 ds SCF (Net SC + Nort SC 8 8 C X 15 =

$$4.8 = L \times L \times \frac{1}{(\frac{1}{2}-1)}$$

$$4.8 = 9.83 \times 10^{3} \times 1 \times \frac{1 - (\frac{1}{2})^{8}}{\frac{1}{2}}$$

$$04: \qquad \frac{C}{16} = \frac{1}{4 + \frac{1}{2}e}.$$

$$\frac{1}{C} + \frac{1}{2e} = \frac{11}{C}$$

$$\frac{1}{2} = \frac{1}{2} = \frac{1}{2} = \frac{1}{2}$$

Went = Wat KVa Veont. 21×103= 20×103+ 6:9× Vent 4.103. b Viont = 65 V. = 0.1449 V. Q6. Vicas = Vref by my - by 10-3. = 12.287 N=13 -DNL can be codewlated using adjacent diff between livery.

VINTER X LR = 12 VINOO + VINET - VOIET Here, Voltage at & ve) Fermind for beth opags. Too Lots. (in terms of) Voet & kf = Week. volty at we = A ViNTVREE) - VEFF = RVIN-RVRT-F R+4. YPEEX > VEN => D. en. ? REYN-RYREF 30 >> 0. else, 1. be you or ever VINL 7, Pgs = 4 Mak

for $R_1 \Rightarrow k=3$. $R_2 = \frac{4R}{2}$ $R_3 = \frac{4R}{2}$

.42

2 miles - half in

- 1