

Is obtained from the DA Connection which is then Compared with Analy nottage (Mm) greater than the output muly Jupid witige (WW), than me of compareter goes too (a) and with court In Down Muche through Control light. Country up and of gupet is chereusing from the country starts Counter country it Down owelf (Reverse rude). gets Shown In fugure as Construers probables Signel + DIP Convertes OlP Magnethold is # Input & off warefanis for Courte type Alo Convertes On finel the Conversion that & Conversion Rate for a Successive approximate. Alo converter harry 2 MHz clock and a 5-bit linery hadder containing Reference soffers of 8% As. Conversale time (be) = n church Ants = 2 MAR = 2 106 = 2.5 418ed Conversion Reite = 1

ESOLUTION: It is destroyed as the wortage Input change for one but change in the output, for the n-but ADC the number of output souls are 2-1. Resolution = full scale gif full scale gif

No orf oil scale gif gm-1 20: 10-bit ADC having om I/P voltage Range of -10 and +10 V.

while is the desolution? & R 70?

Resolution = feel site 31P 10-(-10) 20 20

37-1 = 310-1 2023 Resolution = 19.5mv of Resolution ->> 1 .. for 4-buts, y. R= 1 = 1 x100 = 607 % De fine its Resolution And new, full scale of Photose of DA = 1.50 Resolution = Vof3 = 1.5 = 1.5 = 0.1 Resoluthin = 100 mV | Becare 100mV = 100 ×10° V | = 001 V So, An gib not type of ILSB, chapes the off by loom.