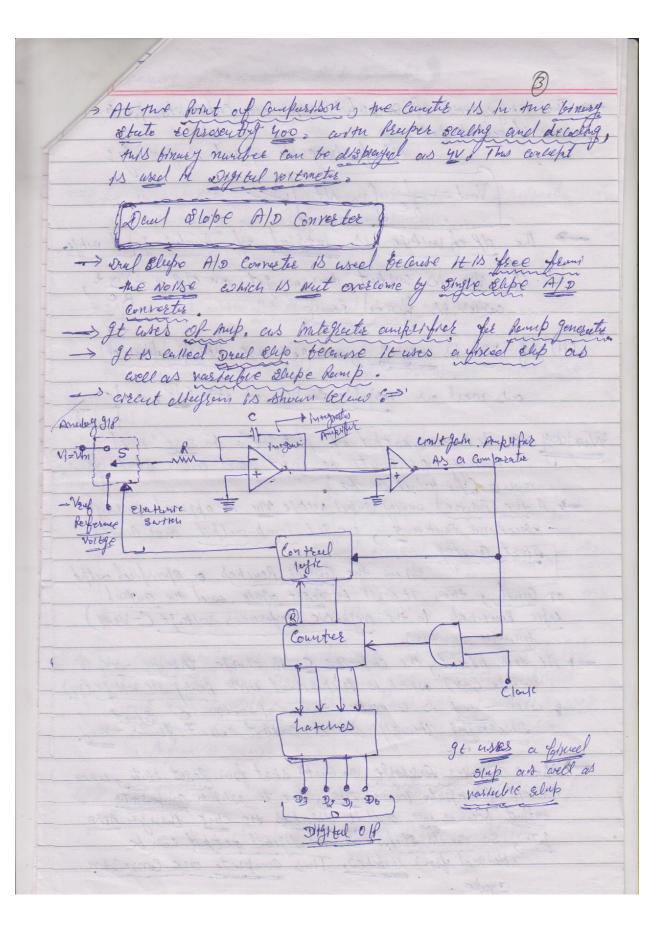


Jes Main Componentes are (D) famp Gensenters & Campisettes (Fi) Courter (D) AND gute (D) Control highe (D) hutche. -> The counter W Reset Invitally of OIP IS 0.000 (if Olf 115 zero volt (ov) So, the attend In put voltage V: 18 greater than the Respersive voltage (Ve) at this Built and gives a tugin of fermi comparatur. Comparenter enables the clock to the country and AND gute 115 used belowe if Compusation of good Low , then clock will be disabled and Courter stup. Because of any one IIP to the AND gette is goes how there coutful wall be how =) Let us evolume, that the slupe of the Ramp generate is IV/MS. Remip of whell mercuse antill equal the Analy Supert out mus fond -> The Remp 1s Reset and pul contracted is stored in the Latines by contral lagge het us Assume the smally voltage VI be 4v cut the point of Comparison. This seems pret lamp is also 4V and her for your sif the eleck frequery 15 100 km, 400 elk purses have been allowed to fast surery the gette. to Reach the Countre. too xto x4 xto = week



> The Integration of Amplifit uses a Capacita in the Jeselback putho Off of Intigution of sup is greenly? Voutz- Re Sundt 1 -> the off wituge 15 Integral of Ancelog grand voites (1). If My 1s and full, hun we get an off = -Vint, when is fixed Ramp (11) If My 1s varying , are get the Romb fisced as well as variable slape at its Off. Wer kly => het me output of metegrate be zero and properly me courte be Reset , and courte stall for Over (for 4-but Courted). A tre (Postere) analy grout voltage Vin is applied turingh Electronic Saiten 3., we get bump output and luncte Stort anthy whom the Courte Reaches a specificehouted or Court, than It will be Reset again and the centrul lafre switches to the regative Regescrees withing C-VER twenter Santines At this instent, the capacital & is charge through - ve Voltage (-V) which is freepasthuced with Anily 318 voltage (V) Discharging Unearly due to Constant Carrent flows - Very As the Capacitas Discharge, the Courter start four Reset state, whom the of Megatio Colomes zero due to which amparation output becomes how onel It disables the clock thrugh AND Jute, So counter steeps evel the digital output can be obtained from Lautches. This comprete one conversion cycle.

