



inter-stare lip flop ! CLK J &m S & Sn Sn Sn K &m R &m & &m 1. Morter is connected ining JK Reip Zwp where as Slave is constructed using 2. Haster connected with clock whereas starre is connected with inverted dock. 3. When master is Enabled [Aunctional] then slave is disabled when stance is enabled then marker is disabled. Starre copies the hon of marker A. Harton, slave outputs never change at the same time. 5. St in wond to store only our bit of data. · Group of Flipflops are called as Regristors. · n-bit Register consists of a Ripflops and una to store n-bit data. PIPO ont Data
Fin SISO SIPO PONT PISO * SISO configuration has * SIPO con Pronly * PIPO our Tonly * PISO confronty Only - L - input L - output 4-1/p 4-0/p 4-1/p 1 - unput A. output * For SISO conliguration for storing = (n) CP for storing = 1 (P Ar Horing 2 L CP for storing = (n) CP for refriving = (n-1)(1 For subsiving = OCP for rubriving = OCP for natricing = (n-1) CP Total CP = 1 Total eP= n Total my Co= n notal my of clark pulse = (u-i) A nighter in which shifting of data in possible in one or both direction in colled on Shift negister. * Shift Registers & Typrof Shift Reg & 3 de ft shift Reg (5) Paralled Shift in 1) Right Shift Reg 17/4/4/ 4-4-4 · > - > - > 6 Panallel Shift out 3 Rotate Right Shift Right (2) Rotate Lift Shift Reg 14.4.4.4 > > > +> +> +> +> +



