LAB-manuel 18

Regulated Tools.

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Battery / fores.

Hip Hop is cercuit unets two tes Itat can be used that be used to To stored total be changed by applying valying inputs. > Flip blop maintain that state indepinship until an input pulse called trigger. 2 When a trigger is beceived the plap thop outputs change state gerordpy to defined sules and romain in these is facervedo

A Hisp Hop Hop Hip RS dk HIP Hip Clock Synchromows onland change callel sectengular + 8egn 08 80 vac to High to magative tr 15

Methods) Thiggord mg triggening telggering. level + respond to change in input (E) held at a 9 rount be steady ligh or low. SR- HPP Tlop

of level triggering. ⇒ output at a tlep flop to the input changes when clock proputs heah (1) eiggerng o when clocks !

@ Edge targgerry => Flip blop which changes there
outputs only corresponding to
the (rising) or -ve (talling) edge of the clock input. Types of Edge taggering - ve edge triggering => Flip blop which allows gts estated out put to change in response inputs only at the instants.
correspondings to vising edge of alock. Positive spike of output will not respond to change in inputs at any ste instant of the time

triggering b ve edge which responds Hop clock (negative spokes elock To edge triggered Hip Hop input at the tr sample input at
or -ve edge and
ofs output accord according

Ditterence blo PLatches and *A latch and a Hip Blop is a gatest or clocking mechanism. * Latch Ps level-triggered and blip Hop Ps edge triggered Q(+)

Applications

+ convertors

+ frequency DAViders.

+ Shift hogisters.

+ Storage Registers.

+ Data storage

Conclusion

In today lab we loant about the Hop Hop Hop sond workers of the Hop Hop.