





decader\_5 to 32 الكراما CEIRD ING 7: decoder coni Estha Jacober INGO ings. decodes into out CI2 Lotus in Ca. 634 decoder in [0] ticks (0)

FOGE DETECTOR RIST MWA counter-out TRIANGLE - GEN RST YELL REG COUNTR RES

ALU CONTROL 5:0] { SLL AND = 0001 OR = 0010 XOR = 0011 BEN-199-SLL = 0101 SRL=0110 . SRA=0111 SRL-RESULT MUX ADD = 1.000 SUB = 1100 SRL SLT = 1101 B[N-1|5]= SUTU = 1111 SRA\_RESULT BW-15} ADDER RESULT MUX A00 (SUB CONTROLEZ

ALU KUM 161-[AM-13, BCN-17] 5611111 SLTV XW SLTU\_RESULT [N+1] CONTROL EST 200 ALU MOX MUX 1621 SRA\_RESULT (31'10, SLT\_RESULT) {31'60, SUTULRESULT} CONTROL OVERFLOW CONTROL (3) CONTROL [2] A:[N-1] B[N-1] A(N-1) ADDER RESULT ローい

## (KASSI)

