

32 inverters

Select[3]

Select[3]

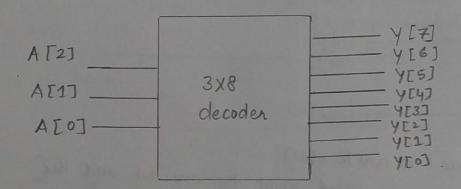
Shared

Shared = 1'bz.

Select[2:0]

	YET] YEO]
A	y
000	964] . YENGUYLOJ 00000001
001	00000010
010	00000100
011	00001000
100	00010000
101	00100000
110	01000000
111	10000000

3 into 8 olecoder



always@(*)
begin
casex(2A,B,C3)

3 61xx: H=F&G;

3 601x: H=FIG;

3'b001: H=F'G;

default: H=D&E;

endcase

end

neg [7:0] A; neg parity; always @ (*) begin parity = 1'b1; for (int i=0; i<=7; i++) if (A[i] == 1) parity = ~ parity; // Can also be farity = parity ^ A[i]; end 3. 000 001 010 E 011 Eneg 100 101 110 0 clock