

DECODER KODU

```
module Dec4to16c (e,a,b,c,y);  
input e,a,b,c;  
output [15:0] y;  
wire e0,a0,b0,c0;  
not (e0,e);  
not (a0,a);  
not (b0,b);  
not (c0,c);  
and ( y[0],e0,a0,b0,c0);  
and ( y[1],e0,a0,b0,c);  
and ( y[2],e0,a0,b,c0);  
and ( y[3],e0,a0,b,c);  
and ( y[4],e0,a,b0,c0);  
and ( y[5],e0,a,b0,c);  
and ( y[6],e0,a,b,c0);  
and ( y[7],e0,a,b,c);  
and ( y[8],e,a0,b0,c0);  
and ( y[9],e,a0,b0,c);  
and ( y[10],e,a0,b,c0);  
and ( y[11],e,a0,b,c);  
and ( y[12],e,a,b0,c0);  
and ( y[13],e,a,b0,c);  
and ( y[14],e,a,b,c0);  
and ( y[15],e,a,b,c);  
endmodule
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Elif ERDEN

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3. ŞUBE

DECODER DOĞRULUK TABLOSU

[illegible]