

TITLE 'Aufzugsteuerung'

@dcset; "Don't-Care-Set: für max. Vereinfachung in der Funktionstabelle"

Declarations "Ein-und-Ausgänge"

a,b,c,d,e,f PIN 2,3,4,5,6,7;
 u,v,w,x,y,z PIN 14,15,16,17,18,19;

Truth_Table

```
( [a,b,c,d,e,f] -> [u,v,w,x,y,z] )
[0,0,0,0,0,0] -> [1,0,0,1,1,0];
[0,0,0,0,0,1] -> [0,0,1,0,0,0];
[0,0,0,0,1,0] -> [0,1,0,0,0,0];
[0,0,0,0,1,1] -> [.x.,.x.,.x.,.x.,.x.,.x.];
[0,0,0,1,0,0] -> [1,0,0,0,0,0];
[0,0,0,1,0,1] -> [.x.,.x.,.x.,.x.,.x.,.x.];
[0,0,0,1,1,0] -> [.x.,.x.,.x.,.x.,.x.,.x.];
[0,0,0,1,1,1] -> [.x.,.x.,.x.,.x.,.x.,.x.];
[0,0,1,0,0,0] -> [0,0,0,0,0,1];
[0,0,1,0,0,1] -> [0,0,1,0,0,0];
[0,0,1,0,1,0] -> [0,0,1,1,0,0];
[0,0,1,0,1,1] -> [.x.,.x.,.x.,.x.,.x.,.x.];
[0,0,1,1,0,0] -> [0,0,1,1,0,0];
[0,0,1,1,0,1] -> [.x.,.x.,.x.,.x.,.x.,.x.];
[0,0,1,1,1,0] -> [.x.,.x.,.x.,.x.,.x.,.x.];
[0,0,1,1,1,1] -> [.x.,.x.,.x.,.x.,.x.,.x.];
[0,1,0,0,0,0] -> [0,0,0,0,0,1];
[0,1,0,0,0,1] -> [0,1,0,1,1,0];
[0,1,0,0,1,0] -> [0,1,0,0,0,0];
[0,1,0,0,1,1] -> [.x.,.x.,.x.,.x.,.x.,.x.];
[0,1,0,1,0,0] -> [0,1,0,1,0,0];
[0,1,0,1,0,1] -> [.x.,.x.,.x.,.x.,.x.,.x.];
[0,1,0,1,1,0] -> [.x.,.x.,.x.,.x.,.x.,.x.];
[0,1,0,1,1,1] -> [.x.,.x.,.x.,.x.,.x.,.x.];
[0,1,1,0,0,0] -> [0,0,0,0,0,1];
[0,1,1,0,0,1] -> [0,1,0,1,1,0];
[0,1,1,0,1,0] -> [0,0,1,1,0,0];
[0,1,1,0,1,1] -> [.x.,.x.,.x.,.x.,.x.,.x.];
[0,1,1,1,0,0] -> [0,1,0,1,0,0];
[0,1,1,1,0,1] -> [.x.,.x.,.x.,.x.,.x.,.x.];
[0,1,1,1,1,0] -> [.x.,.x.,.x.,.x.,.x.,.x.];
[0,1,1,1,1,1] -> [.x.,.x.,.x.,.x.,.x.,.x.];
[1,0,0,0,0,0] -> [0,0,0,0,0,1];
[1,0,0,0,0,1] -> [1,0,0,1,1,0];
[1,0,0,0,1,0] -> [1,0,0,1,1,0];
[1,0,0,0,1,1] -> [.x.,.x.,.x.,.x.,.x.,.x.];
[1,0,0,1,0,0] -> [1,0,0,0,0,0];
[1,0,0,1,0,1] -> [.x.,.x.,.x.,.x.,.x.,.x.];
[1,0,0,1,1,0] -> [.x.,.x.,.x.,.x.,.x.,.x.];
[1,0,0,1,1,1] -> [.x.,.x.,.x.,.x.,.x.,.x.];
[1,0,1,0,0,0] -> [0,0,0,0,0,1];
[1,0,1,0,0,1] -> [1,0,0,1,1,0];
[1,0,1,0,1,0] -> [1,0,0,1,1,0];
[1,0,1,0,1,1] -> [.x.,.x.,.x.,.x.,.x.,.x.];
[1,0,1,1,0,0] -> [0,0,1,1,0,0];
[1,0,1,1,0,1] -> [.x.,.x.,.x.,.x.,.x.,.x.];
[1,0,1,1,1,0] -> [.x.,.x.,.x.,.x.,.x.,.x.];
[1,0,1,1,1,1] -> [.x.,.x.,.x.,.x.,.x.,.x.];
[1,1,0,0,0,0] -> [0,0,0,0,0,1];
[1,1,0,0,0,1] -> [0,1,0,1,1,0];
[1,1,0,0,1,0] -> [1,0,0,1,1,0];
[1,1,0,0,1,1] -> [.x.,.x.,.x.,.x.,.x.,.x.];
[1,1,0,1,0,0] -> [1,0,0,1,1,0];
[1,1,0,1,0,1] -> [.x.,.x.,.x.,.x.,.x.,.x.];
[1,1,0,1,1,0] -> [.x.,.x.,.x.,.x.,.x.,.x.];
[1,1,0,1,1,1] -> [.x.,.x.,.x.,.x.,.x.,.x.];
[1,1,1,0,0,0] -> [0,0,0,0,0,1];
[1,1,1,0,0,1] -> [0,1,0,1,1,0];
[1,1,1,0,1,0] -> [1,0,0,1,1,0];
[1,1,1,0,1,1] -> [.x.,.x.,.x.,.x.,.x.,.x.];
[1,1,1,1,0,0] -> [0,1,0,1,1,0];
[1,1,1,1,0,1] -> [.x.,.x.,.x.,.x.,.x.,.x.];
[1,1,1,1,1,0] -> [.x.,.x.,.x.,.x.,.x.,.x.];
[1,1,1,1,1,1] -> [.x.,.x.,.x.,.x.,.x.,.x.];
```

END