

Geben Sie zu mindestens einer der Funktionstabelle die Funktion an. Überführen Sie dies anschließend in ein Schaltnetz.

A	$\mid S \mid$	D	F	f(A, S, D, F)	Q	W	$\mid E \mid$	R	f(Q, W, E, R)
0	0	0	0	1	0	0	0	0	0
0	0	0	1	1	0	0	0	1	0
0	0	1	0	1	0	0	1	0	1
0	0	1	1	1	0	0	1	1	0
0	1	0	0	1	0	1	0	0	0
0	1	0	1	1	0	1	0	1	1
0	1	1	0	1	0	1	1	0	1
0	1	1	1	1	0	1	1	1	1
1	0	0	0	0	1	0	0	0	0
1	0	0	1	0	1	0	0	1	0
1	0	1	0	0	1	0	1	0	0
1	0	1	1	0	1	0	1	1	0
1	1	0	0	1	1	1	0	0	0
1	1	0	1	1	1	1	0	1	1
1	1	1	0	1	1	1	1	0	1
1	1	1	1	1	1	1	1	1	0

G_H	~						
G_H	S	P	$\overline{G_F} + G_H$	S + P	$\overline{P} + G_H$	$\overline{G_F} + \overline{S} + \overline{P}$	$f(G_F, G_H, S, P)$
0	0	0	1	0	1	1	0
0	0	1	1	1	0	1	0
0	1	0	1	1	1	1	1
0	1	1	1	1	0	1	0
1	0	0	1	0	1	1	0
1	0	1	1	1	1	1	1
1	1	0	1	1	1	1	1
1	1	1	1	1	1	1	1
0	0	0	0	0	1	1	0
0	0	1	0	1	0	1	0
0	1	0	0	1	1	1	0
0	1	1	0	1	0	0	0
1	0	0	1	0	1	1	0
1	0	1	1	1	1	1	1
1	1	0	1	1	1	1	1
1	1	1	1	1	1	0	0
	0 0 0 1 1 1 1 0 0 0 0 1 1 1	0 0 0 1 0 1 1 0 1 1 1 1 0 0 0 1 1 0 1 0 1 0 1 0 1 1 1 0 1 1	0 0 1 0 1 0 0 1 1 1 0 0 1 1 1 1 1 1 0 0 0 0 0 1 0 1 1 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0	0 0 1 1 0 1 0 1 0 1 1 1 1 0 0 1 1 0 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 1 0 0 1 0 0 0 1 1 0 1 0 0 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 1 0 1	0 0 1 1 1 0 1 0 1 1 0 1 1 1 1 1 0 0 1 0 1 1 0 1 1 1 1 1 1 <td< td=""><td>0 0 1 1 0 0 1 0 1 1 1 0 1 1 1 1 1 1 0 0 1<!--</td--><td>0 0 1 1 1 0 1 0 1 0 1 1 1 1 0 1 1 1 1 1 1 1 0 0 1<!--</td--></td></td></td<>	0 0 1 1 0 0 1 0 1 1 1 0 1 1 1 1 1 1 0 0 1 </td <td>0 0 1 1 1 0 1 0 1 0 1 1 1 1 0 1 1 1 1 1 1 1 0 0 1<!--</td--></td>	0 0 1 1 1 0 1 0 1 0 1 1 1 1 0 1 1 1 1 1 1 1 0 0 1 </td