



	S0	S1	P35	P75	P375	req	N0	N1	redL	orangeL	greenL	resetT
red	0	0	0	0	0	0	0	0	1	0	0	1
	0	0	0	0	0	1	0	0	1	0	0	1
	0	0	1	0	0	0	0	0	1	0	0	1
	0	0	1	0	0	1	0	1	0	1	0	0
orange	0	1	0	0	0	1	0	1	0	1	0	0
	0	1	0	1	0	0	1	0	0	0	1	0
	0	1	0	1	0	1	1	0	0	0	1	0
green	1	0	0	0	0	0	1	0	0	0	1	0
	1	0	0	0	1	0	0	0	1	0	0	1
	1	0	0	0	1	1	0	0	1	0	0	1

Gei kalani X (don't care)

$$N_0 = S_0'S_1P35'P75P375' + S_0S_1P35'P75'P375'$$

$$N_1 = S_0'S_1P35'P75'P375' + S_0S_1P35P75'P375'req$$

$$resetT \vee redL = S_0'S_1P35'P75'P375' + S_0'S_1P35P75'P375'req' + S_0S_1P35'P75'P375'$$

$$orangeL = S_0'S_1P35P75'P375'req + S_0S_1P35'P75'P375'$$

$$greenL = S_0'S_1P35'P75P375' + S_0S_1P35'P75'P375'$$

Abdullah Muhammet  
Yigir

191044035

*[Signature]*