

State Name	Q1	Q0	
Red	0	0	- (your reset state, red lights on)
Green	0	1	- (the state to turn green lights on)
Blue	1	0	- (the state to turn blue lights on)

Current State	Q1	Q0	xmas	cool	Next State	Q1+	Q0+	r_en	g_en	b_en
Red	0	0	0	0	Green	0	1	1	0	0
Red	0	0	0	1	Green	0	1	1	0	0
Red	0	0	1	0	Green	0	1	1	0	0
Red	0	0	1	1	Green	0	1	1	0	0
Green	0	1	0	0	Blue	0	1	0	1	0
Green	0	1	0	1	Blue	0	1	0	1	0
Green	0	1	1	0	Red	0	0	0	1	0
Green	0	1	1	1	Blue	0	1	0	1	0
Blue	1	0	0	0	Red	0	0	0	0	1
Blue	1	0	0	1	Blue	0	1	0	0	1
Blue	1	0	1	0	Red	0	0	0	1	1
Blue	1	0	1	1	Blue	0	1	0	1	1
unused	1	1	0	0	x	x	x	x	x	x
unused	1	1	0	1	x	x	x	x	x	x
unused	1	1	1	0	x	x	x	x	x	x
unused	1	1	1	1	x	x	x	x	x	x