

Table 1

STATE	RESET	S1	S2 S3	NEXT STATE	L1	L2 & L3
1	1	0	0	1	FLASH	FLASH
1	1	0	1	1	FLASH	FLASH
1	1	1	0	1	FLASH	FLASH
1	1	1	1	1	FLASH	FLASH
1	0	0	0	1	GREEN	RED
1	0	0	1	2	GREEN	RED
1	0	1	0	1	GREEN	RED
1	0	1	1	2	GREEN	RED
2	0	N/A	N/A	1	FLASH	FLASH
2	1	N/A	N/A	3	YELLOW	RED
3	0	N/A	N/A	1	FLASH	FLASH
3	1	N/A	N/A	4	RED	RED
4	1	0	0	1	FLASH	FLASH
4	1	0	1	1	FLASH	FLASH
4	1	1	0	1	FLASH	FLASH
4	1	1	1	1	FLASH	FLASH
4	0	0	0	1	RED	GREEN
4	0	0	1	2	RED	GREEN
4	0	1	0	1	RED	GREEN
4	0	1	1	2	RED	GREEN
5	0	N/A	N/A	1	FLASH	FLASH
5	1	N/A	N/A	6	RED	YELLOW
6	0	N/A	N/A	1	FLASH	FLASH
6	1	N/A	N/A	1	RED	RED