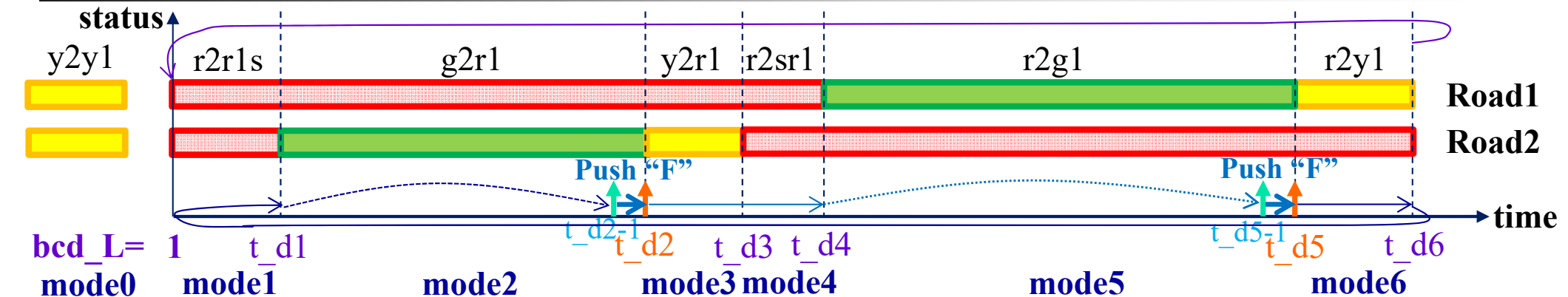


Holtek – Traffic Signal Controller



t_r2r1s = 5; //mode 1
t_g2r1 = 20; //mode 2 } 29 sec
t_y2r1 = 4; //mode 3
t_r2sr1 = 3; //mode 4 } 44 sec
t_r2g1 = 35; //mode 5
t_r2y1 = 6; //mode 6

Show waiting time for the red-signal status of the road

Road2 Road1
2 1
PC: 7 6 5 4 3 2 1 0
xgyr xgyr

每0.5秒T2就中斷一次，p5sec變數(起始值為0x00)
，於每次中斷，Bit0數值反轉(p5sec=p5sec^0x01)
，當p5sec=0，既為時間過了1秒。
於p5sec=0時，bcd_L累加1，依此方式，bcd_L由1
計數到t_d6，然後回到1持續循環計數。

VR0: 0-->manual control by pressing "F" to change direction; 1--> normal operation

Push "F" : jump to t_d2 or t_d5

- (1) jump from g2r1 through y2r1, r2sr1 and then to r2g1, or
- (2) jump from r2g1 through r2y1, r2r1s and then to g2r1

VR1: 0-->midnight standby / yellow flashing; 1--> normal operation

// Assignment: VR1 is replaced by eleclock, 00:00:00~00:01:59為閃雙黃燈時段。

