```
11 InitLEDs:
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26 ////-----//
27 PhaseDisplay:
29
30
31
32
33
34
35 //-----//
36 Phase0:
37
    mov r2,#0
38
    bl DisplayNum
39
    pop {r1,r2,r3,r4,lr}
40
    bx lr
41 //-----//
42 Phase1:
43
    ldr r1,=PATTERN
44
    ldr r2,[r1]
45
    bl DisplayNum
46
    pop {r1,r2,r3,r4,lr}
47
    bx lr
48
50
51 DisplayNum:
52
    push {r1,r2,r3}
53
    ldr r3,=GPIOB
54
    ldrh r1,[r3,#ODR]
55
    bic r1,#0x03C0
56
    lsl r2,#6
57
    orr r1,r2
```

1 2 3

4 5

6 7

8

9

63

Saturday, November 18, 2023, 5:22 PM