```
aozaddr[o]
           al = addr[1]
           ad = addr [d]
          sub_68E:
                     rcall sub_87F ST rl8, rl9
                     rcall sub_20A / )620 / )720
                     mov r16, r30 /16= a0
                      rcall sub_20E
                                   r17 = al
                     mov r17, r30
                      rcall sub_212
                                    Y18=92
                     mov r18, r30
                     rcall sub_851 20-136, 130-00 >> 45
 extracts bit 7
                     andi r30, 4 r30: 0 x 4 & (a0) 75
                     mov r19, r30 /19= 0x4 & (40>75)
                     mov r30, r16 +302 a 0
                     rcall left_shift_sub_875 \(\cdot \right\) = 40 \(\alpha\leq \right\)
                     andi r30, -8 (30: (a0<<3) & F.8
                         r19, r30 r19= (0x4 @ (90775)) ((a0 2 23) & F8)
                          r30, r17 r30 = al
                     swap r30
                     andi r30, 0xF r30= a1 77 4
                     1sr r30 r30 = a1 77 5
                     lsr r30
                          r30 r30 = al 777
                     lsr
                                   (19=(0x42(a0775)) (a0<63) 29 5) (a177
                     andi r30, 1
19=4030 70 10 00 70 0 7.
                        r19, r30
                      sts unk_20018F, r19
                         r30, r16 130 - 60
                     mov
                     swap r30
                     andi r30, 0xF r30 = a0 77 4
                     lsr
                          r30
                                   20= a0 >> 6
                     Isr
                          r30
                                   130 = (00776) QOXI
(192 (00776) QOXI
                     rcall sub_856
                                     1302 01
```

```
1s1 r30 r30 2 a | \angle \angle |

and r30, \frac{FC}{-4} r30 = OXPC & (a | \angle \angle |)

or r19, r30 r14 = (OXFC & (a | \angle \angle |)) (60 776 & OXI)
                             sts unk_200190, r19
                                             130= 40 77 45
                             rcall sub_851
                                            136= 60 77 4 CX1; 19= (a0775) & 0x01
                             rcall sub_856
                             swap r30
                             andi r30, -0x10 r 30; 9 2 4
                             lsl r30
                                   r30
                             lsl
                             1s1 r30 r30 = 241227
andi r30, -0x80 r30 = 241227
or r19, r30 r19 = (41427) | (40775) & 20x01 |
                             mov r30, r18 (20 = a)
JX7C =
                                          130 = 92 77 1
                             andi r30, 0x7c r30 2 (a2771) & Ox7C
0111 1100
                                r19, r30 r19: (a1247) ((a0775) Dox1) (ad771) & 0x1C)
                             sts unk_200191, r19
                             mov r30, r18 /30 = 62
                             andi r30, -0x10 r30 = a2 22 4
                                   r30 1302 ad 4 < 5
                             andi r30, -0\times20 r30 = 0\times80 Q(a+2<5)
                             mov r19, r30 p19= 0x E0 & (a) 2 < 5)
                             mov r30, r18 r 30 = a 2
                             andi r30, 0x10 r_{30} - (a_{\lambda} < 24) = 3 \times 10
or r19, r30 r_{19} = (0 \times 10) = (a_{\lambda} < 24) = (a_{\lambda} < 24) = 0 \times 10
                                   unk_200192, r19
                             rcall sub 886
```

adiw r28, 4

ret

; End of function sub_68E