```c
void T32_INT1_IRQHandler(void){
    fflush(stdout);

    if(RTCFlag){
        displayData();
        ST7735_SetCursor(0, 0);
    }

    int duty = (int) ((normalizedADCRes-.80)*50);
    duty = 50;
    int dutyBuzz = 0;

    MAP_ADC14_toggleConversionTrigger();

    if(alarmState == 0){
        P2OUT &= ~(BIT0 | BIT2);
        P2OUT ^= BIT1;
    }

    if(alarmState == 1){

        P2OUT &= ~(BIT1 |BIT2);
        dutyBuzz = buzzCount*100;
        P2OUT ^= BIT(0);
        buzzCount++;
        if(buzzCount == 2) buzzCount = 0;
    }

    if(alarmState == 2){
        P2OUT &= ~(BIT1 |BIT2);
        P2OUT = BIT0;
        buzzCount++;
        dutyBuzz = buzzCount*25+50;
        if(buzzCount == 2) buzzCount = 0;
    }

    LED_PWM_SCREEN_BUZZER(duty,dutyBuzz);

    Timer32_clearInterruptFlag(TIMER32_0_BASE);
    Timer32_setCount(TIMER32_0_BASE,187500);
}
```