

Nx Jumper wires

1x SSD1306 OLED Module i2c 64x128 pixel

1x 10Kohm Thermistor (Beta=3380) with 1x 10Kohm Resistor

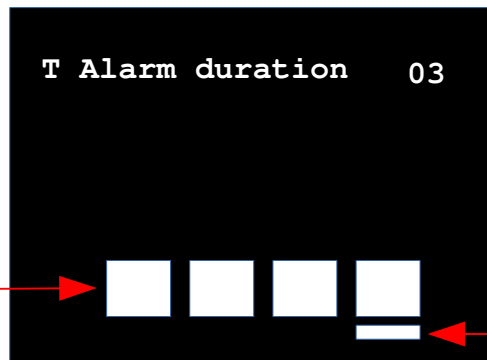
Source code: **p\_daco\_util\_buzzer**

Download from:

[https://github.com/teaksoon/p\\_daco/blob/main/2022\\_01\\_06\\_p\\_daco\\_source.zip](https://github.com/teaksoon/p_daco/blob/main/2022_01_06_p_daco_source.zip)

Upload PROGRAM, watch the OLED Screen

Menu Bitmap  
Icon

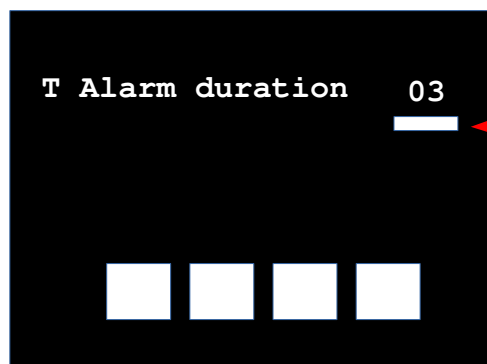


**ESC Button** - Move  
Navigation Bar to first  
MENU Icon

**LEFT/RIGHT/UP/DOWN Button**  
- Move Navigation Bar to  
show different functions  
Live Data

**ENTER Button** - Move into  
the function at the  
Navigation Bar Position,  
the **UTILITY Function**

Press ENTER, to enter the UTILITY Mode Function. Navigation Bar Disappear from Menu Icons and appears in the the UTILITY Mode Function below

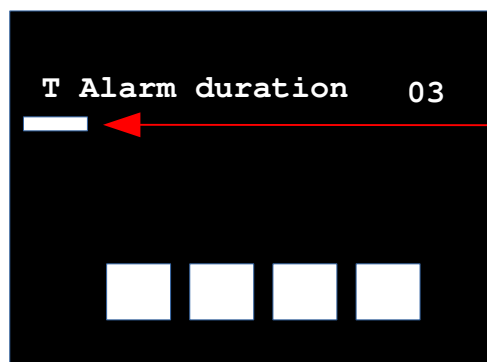


**ESC Button** - Return to  
MENU, abandon Editing

**LEFT/RIGHT Button** - Move  
Navigation Bar

**UP/DOWN Button** - Change  
the Alarm Duration Edit  
when Navigation Bar at  
Alarm Duration Edit  
position

**ENTER Button** - When  
Navigation Bar at Alarm  
Duration Edit position,  
Save Alarm Duration Edit  
and return to MENU



**ESC Button** - Return to  
MENU, abandon Editing

**LEFT/RIGHT Button** - Move  
Navigation Bar

**UP/DOWN Button** - Do  
nothing when Navigation  
Bar is at this position

**ENTER Button** - When  
Navigation Bar is at "T"  
position, Save the Alarm  
Duration Edit and Trigger  
the Alarm Buzzer, then  
move the Navigation Bar  
to Alarm Duration Edit

This is a base Navigation and Editing sequence/operations that we will be using for the other functions, CLOCK, ALARM TIME and THERMOMETER. We will make all of them use the "similar" operation, so it is easier for both PROGRAMMING and also the Users of this device