Feature	Description	Photos
1). Longitudinal Waveform	When SW[7] is set, a moving longitudinal waveform is generated on the OLED screen by taking in audio signals as input and converting them to digital signals.  Intensity is displayed on the 7-segment display and LEDs light up accordingly.	ADECUTE NUMBER OF THE PARTY OF
2). Multi - Volume Bar	When SW[7] & SW[12] isset, a multi-volume bar with randomly changing colors is displayed.	
3). Audio - Emoji Display	When SW[7] & SW[13] isset, 3 types of emojis aredisplayed according to increasing audio intensity values.	

## 4). Button Reaction Game

- When SW[9] & SW[0] is set, the Reaction Test Game starts at default speed 0.4s.
- 3 random colors are flashed, and the appropriate pushbuttons are to be pressed in (speed\*7)s.
- Set SW[12:10] respectively for speeds 0.3s or 0.2s or 0.1s.
- 0.3s = EASY0.2s = MEDIUM0.1s = HARD
- Score at least 6/9 tries for a win.Score is displayed on ANO.

