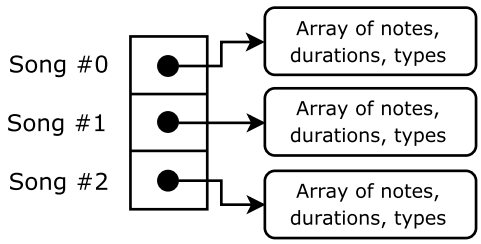
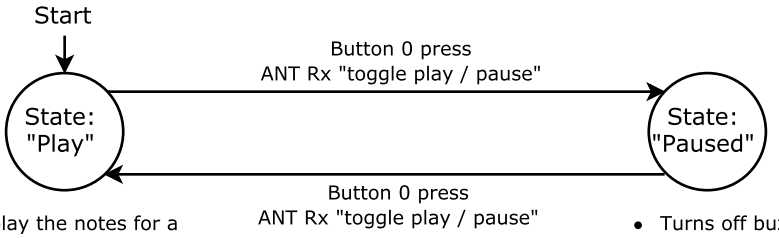
## "Music" Application

**Table of "songs" and note information**



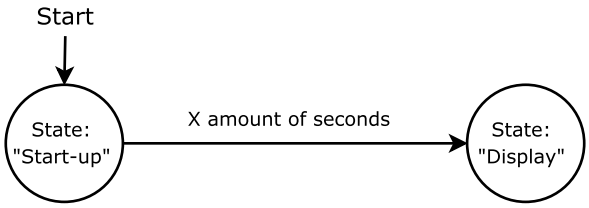

- Algorithm to play the notes for a song (buzzer advanced module)
- Button 1 & 2 changes songs
- ANT Rx "prev / next" also changes songs

- Turns off buzzers
- Waits for button 0 press, or ANT message (play, previous, or next song) to go back to "play" state

## "LCD Display" Application

Keep track of:

- Song title string
- ANT connection status
- Playing / paused status?



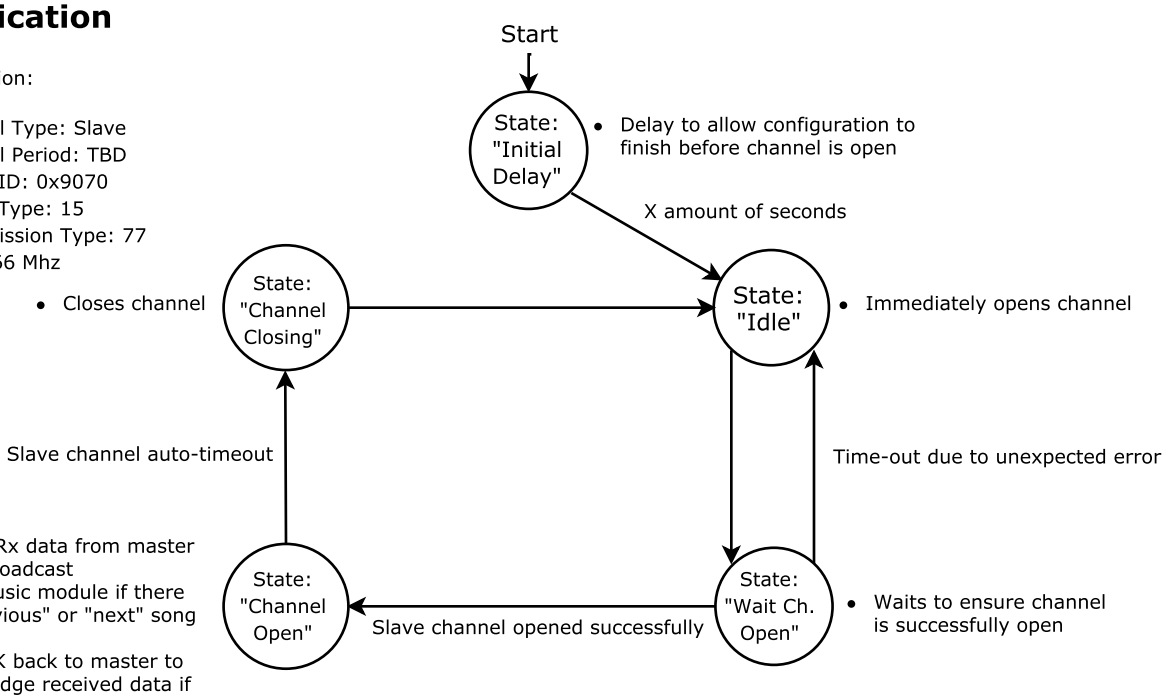

- Display project title
- Display author
- Display firmware version

- Display song title and other status information
- Poll for different status from other modules (e.g.: ANT connection)

## "ANT" Application

ANT Configuration:

- Channel Type: Slave
- Channel Period: TBD
- Device ID: 0x9070
- Device Type: 15
- Transmission Type: 77
- RF: 2466 Mhz




- Handles Rx data from master device broadcast
- Notify music module if there is a "previous" or "next" song message
- Send ACK back to master to acknowledge received data if needed