

How to make Sounds on your Picaxe 14M2 Microcontroller

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There are 3 ways to Code Sounds on your Picaxe Microcontroller, **Play** , **Sound** and by using the **Tune Wizard**.

eg 1—**play 2,0** uses one of the 4 Inbuilt tunes on the chip and plays Happy Birthday.

eg 2—**sound 2,(108,80)**

sound 2,(102,80) makes the Door Bell Sound.

eg 3— By using the **Tunes Wizard** you can access over 11,000 Tunes plus more. (See how below).

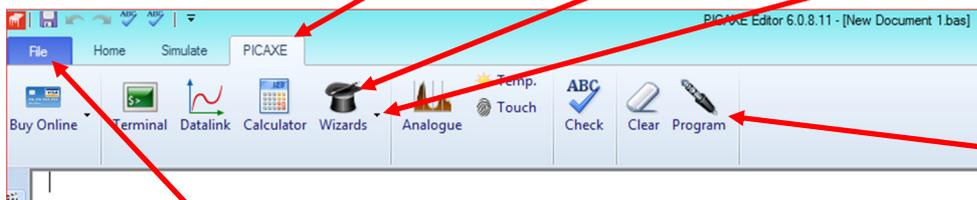
If you don't already have the 5 Tunes Folders on your computer, you can Google **→ Picaxe RTTTL Ringtones** and download ~11,000 Tunes for free, from 5 zip files in txt. format.

- Zip file of Mixed Tunes 1 (450 tunes)
- Zip file of Mixed Tunes 2 (375 tunes)
- Zip file of Mixed Tunes 3 (10,000 tunes)
- Zip file of TV Theme Tunes (50 tunes)
- Zip file of Christmas Tunes (70 tunes)

Then using the Picaxe Programming Editor, **Tune Wizard** you convert them into bas. format and download them to play on your Picaxe Microcontroller. Follow the quick and simple, Click steps below.

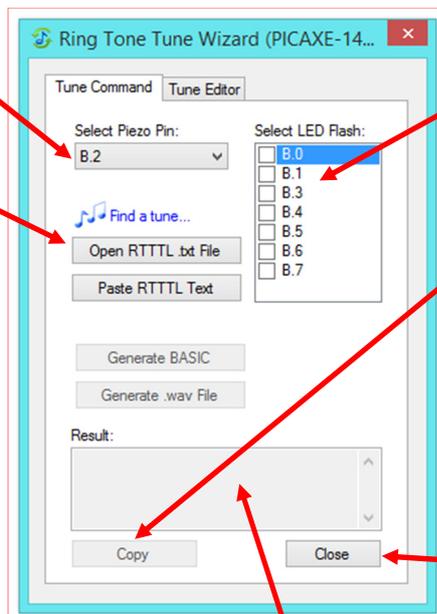
To convert downloaded txt zip files to play Tunes in Picaxe Programming Editor software.

1- Open Picaxe Programming Editor. 2— Select **PICAXE** tab. 3—Select **Wizards**. 4—Select **Tune Wizard**.



5— Dialogue box appears, change Piezo Pin to **B.2**

6— B.2 disappears to flash B.2 LED.



7 - Open RTTTL txt file.

8 - Select Downloads or from one of your 5 folders , choose one of the folders ie **rtttl 3**

9 - Then **select your Tune**. ie Adam's Family

12 - Select **Copy**.

13- Go to **FILE**, open **NEW BASIC** page.

14 - Type **Ctrl +V** to paste into page.

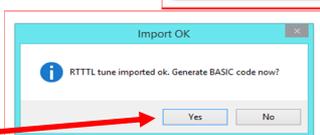
15 - Select **Program** on top of Program Editor, to download & play your Tune, B.2 LED will flash with Tune.

16- Add more Tunes Code to your page or highs to run other LED's.

17- **Close** dialogue box when finished.

Have fun Coding, playing Tunes and Flashing any additional LED's etc.

10 - Select **Yes**



(Basic Code will appear in result box)

11 - Select **No** (unless you want to save it & use simulate)

