

# Re: very new to electronics. looking for starting place.

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**From:** L. Fiar (\_\_at\_\_.)

**Date:** 08/02/04

Date: Mon, 2 Aug 2004 22:00:47 +0100

"Scott Zechman" <szechman@JoiMail.com> wrote in message  
news:10gonb436fre8e4@corp.supernews.com...

>

> 1. I want to design some type of curcuit that is capable of storing a sound  
> bite on a some type of memory chip. about 20 seconds more or less. The  
> source could be through a line in type such as a computer sound card or a  
> mic. I think i would have a better quality with a line in type as there  
> would be no background noice associated with a mic. A spin off project  
> would be to be able to store multipule sound bytes on a larger chip or  
> chips and have them selectable with a switch. The chips would have to  
> be able to be erased to allow new sound bites to be recorded.

>

> 2. play back of the sound bite(s). I would like to incorporate this into  
> (now dont laugh)

Hahahaha.

> a CB radio.

Did you say, "CB radio"?

Hahahahahahaha.

Sorry, I couldn't resist.

But, seriously...

I have found a few more record and playback ICs:

ISD1016

Single chip voice record / playback.

16 seconds record / playback.

ISD1020

Single chip voice record / playback.

20 seconds record / playback.

And also these, which appear to require external memory...

HT8656.

sci.electronics.basics: Re: very new to electronics. looking for starting place.

16 seconds of record and playback.

Includes an output to control a circuit or a motor.

HT8658.

Upto 4.5 minutes of record and playback.

I am unsure if any of those are still available, but I have a sample circuit diagram for the HT8658. It was also available as a complete project. With the right circuit, you could also get it to automatically trigger at the end of transmission.

I do think that this may be rather large for a first project. Check out this site...

<http://www.citizensband.radiouk.com/>

There is a beep circuit there, which could either make a first project or give you the delay circuits to make your desired circuit into an end-of-transmission sound bite. The circuit described and mods suggested, so you can do a Frankenstein with it.

There is another beep circuit at Lou Franklin's site...

<http://www.cbcintl.com/images/rbeep.gif>

Again, maybe a project or ideas for a delay and switching circuit. Also, take a look over that site, some tech info is now free on the site or to download.

Another thing that may interest you, are the music and noise chips that could still be available. Sirens, alarms, animals, cars, jet sounds, well known songs... you name it.

Some are simple three pin ICs, TO92 style package. Really simple to make into CB noise toys or beeps. I do have a couple of diagrams for beeps using some of these ICs.

If you want real fun, get a PA speaker under the hood of your vehicle. Just imagine it, sat on a quiet street, animal sound toy at the ready, hiding behind the dash and waiting for the perfect victim to pass the front of the vehicle...

Mooo.

Beware of the cows:

<http://www.cravendale.com/tv/supermarket.mpg>

(4Mb Mpeg of TV advert – OT, but funny)

Regards.

LF.

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