

First things first

Download Eagle from <http://www.cadsoftusa.com/download-eagle/?language=en>, run through some simple exercises/tutorials, and/or load up some eagle files from the components below to check them out.

Have a look at <http://www.seeedstudio.com/depot/fusion-pcb-service-p-835.html?cPath=185>

and get familiar with what is needed for using this service (I've only glanced at it) Would be awesome.

Components

Get individual parts from <http://australia.rs-online.com/> I think they do quick and free postage.

Robot platform I have is: <http://www.jaycar.com.au/productView.asp?ID=KR3130>

DTMF decoding schematics

<http://www.razorconcepts.net/dtmf.html>

ignoring the BCD-to-output stuff, i.e. just look at the stuff directly needed for MT8870

Motor control: (higher powered <http://www.sparkfun.com/products/9815>) or actually <http://www.sparkfun.com/products/9457> is much simpler and we don't need more than 1A motor operation.

Audio amplification: <http://www.sparkfun.com/products/11044>

All of these have **schematics and Eagle files** so it shouldn't be a hard to rejig them into a single setup.

