Subject: tiniest Pi speaker
Posted by BrianG on Thu, 11 Sep 2003 11:00:20 GMT
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Wayne,I would like to build some Pi speakers for my children's rooms. Is there a Pi design that is really small - say a six inch woofer version of the one Pi?thanks,Brian

Subject: Re: tiniest Pi speaker
Posted by Wayne Parham on Thu, 11 Sep 2003 11:36:47 GMT
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speaker in the 1980's, and it was one of the most popular models. So look for a JBL 2115, and if you can find a pair, they make a really sweet little speaker at only 0.6ft3. Last I heard, the only reconing kits available are 16 ohm versions with white cones. But that will do just fine.Another midwoofer that would probably make a great little speaker is the Seas W18EX001. There was a thread about making a PiAlign'ed speaker based on this driver, and the numbers look excellent for a tiny little box, just 0.3ft3.

Subject: Thanks (nt)
Posted by BrianG on Thu, 11 Sep 2003 22:11:50 GMT
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Subject: Another option (sat/bass system)
Posted by mollecon on Fri, 12 Sep 2003 10:03:46 GMT
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I recently fooled around a bit with Linearteams online speaker calculator & came up with this small satellite + bass system:Satellite: One Eminence Alpha 6 in 8 liters (~0.3 cu.ft.) closed box, Q 0.7, -3 dB at ~150 Hz. The obvious partner would prolly be a piezo.Bandpass woofer: One Alpha 8 in 20 liters (~0.7 cu.ft.) box, 8 liter front & 12 liter rear champer, resonance 95 Hz. - 3 dB points at aprox. 60 & 150 Hz.One had to be a little carefull with placing the bass-box, since it goes so high -

between the sats would probably be best. But placing it on the floor or hung up under the ceiling would be OK. I mean, it's a 'fun' system, not meant to be the cream of hifi - yet I bet it would kick the *ss of most cheap sat/'sub' systems...Well, just a thought.