
Subject: Re: National Semiconductor Amp Modules
Posted by [Chris R.](#) on Wed, 13 Apr 2005 16:18:44 GMT
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Wayne, About supply regulation on these chip amps... The one I built uses two 12K μ F (or maybe 15K μ F) caps very close to the chip itself. Using a scope, I can watch the PS droop. At the point the amp starts clipping, I'm getting only a small amount of droop. I could go measure it again if anyone cares. Adding a \sim 4A regulator would significantly complicate the design and make the project less attractive. One thing I noticed that was interesting was that in at least one of my HT receivers, the PS caps were about the same size I'm using for a single amp. The accountants got to that design. About the previous comment about bigger caps coloring the sound, I can't imagine how that would work. I can understand how undersized caps could cause problems, though. Chris
