
Subject: Re: National Semiconductor Amp Modules
Posted by [Wayne Parham](#) on Wed, 13 Apr 2005 17:35:35 GMT
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That's some serious capacitance. I'll bet the amp stays running for several minutes without AC power input. I don't know who might have felt the smp sounded better with less capacitance either, but maybe if they were using big 'ol electrolytics that were real lossy or something, maybe they didn't work so well. Sometimes, the real problem is rectifier switching artifacts anyway, and a few small value caps across the diodes work wonders for that. But as far as transient ability and ripple reduction are concerned, high capacitance energy storage is king.
