Subject: Re: chips and tubes
Posted by hitsware on Thu, 09 Dec 2004 22:35:27 GMT
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>I know op-amps use sometimes 100db of Global Feedback. >But I was under the impression that GC's use some amount >of GF also. Is that incorrect?Correctomundo. The chips used for GC's are in fact op-amps.Perhaps more correctly 'power op-amps'. This is the sametopology used in 99% of solid state amps (only the circuitis all on 1 'chip'). As much gain as possible is developed,affording massive feedback for low distortion specs.In fact so much gain that feedback must be used to definea reasonable operating condition.Fine and dandy. Some of them sound great. For my tastes though,amps with little or no feedback (and here I mean 'global' or'active' feedback where the output is fed back (as opposed to'degenerative' that simply limits the gain of a device)) havea truly more groovy sound. WAY more dynamic and open .... mike