Subject: Re: 6EJ7/EF184
Posted by PakProtector on Mon, 14 Feb 2005 01:33:27 GMT
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I read through M-J's cascode stuff today. gm1*R_load is close enough. If I can realize +10 mA/V, a 30k load resistor will get me a gain of ~250. Now we're talking...output z of 30k leaves a 300k RIAA to play with. that's possible.Look at a E180F with gm of 50 mA/V and we can get output z down by a quarter and still keep stage gain in the mid-200's. If it can be done quiet enough, we're almost in std output moving coil area with a follow-up E180F grounded cathode and CCS plate load.I'll call this the 'hand waving' stage....regards,Douglas