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Subject: fine and dandy...

Posted by [PakProtector](#) on Fri, 28 Oct 2005 23:29:54 GMT

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I sent Wayne an updated Merlin schematic, along with the TX coupled unity gain linestage. Hopefully, he'll be able to post them soon. I am waiting for my modified Peerless S265's to arrive from Heyboer. I figure some time soon....:) Still trying to find a matched pair of plate Iron for the new amp. I need 1k2-1k3 VCT at 300 mA or so, plus filter chokes. On the new Merlin schematic, I forgot the Zener clamps for the gate-source voltage protection. 18V Zeners. Cathode( the banded end ) to the gate, anode to the source of the IRF820. I also left out the CCS details. They can be brought forward from the original. I investigated some 500 mW types from Mouser. Wide variation in impedance, and leakage. I went for a low Z, low leakage type BZX55C18, when BZX79C18 was not available. Small diff between them, but a large diff from the 1N\*\*\*\* type. Lots less leakage, and impedance. It does pay to read the data sheets carefully. Anyway, lots of cool stuff to play with, and I am getting good sound. cheers, Douglas

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