

---

Subject: 5687's...

Posted by [PakProtector](#) on Thu, 03 Mar 2005 23:10:09 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hey-Hey!!!,The beauty of this topology is its adaptability to power stage valves.The front end should be a cascode diff amp. Two 5687's are a fine choice. They have low enough plate  $z$  to allow an  $E_{c2}$  of  $\sim 70V$ , and  $g_m$  for enough gain. Figure  $B+$  of  $\sim 300$ , and plate loads of 25-30k. Special voltage ref for  $E_{c2}$  to the common cathodes instead of the traditional ground. Building a voltage reference is no biggie. Just assume it is as I say for the time being....regards,Douglas

---