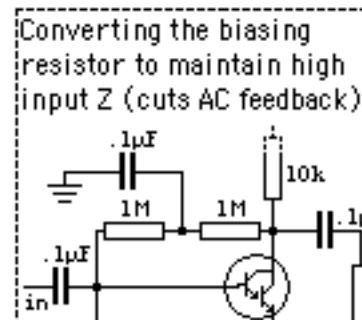
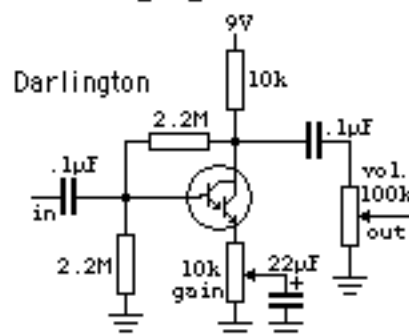
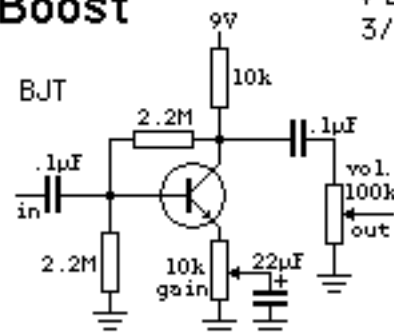
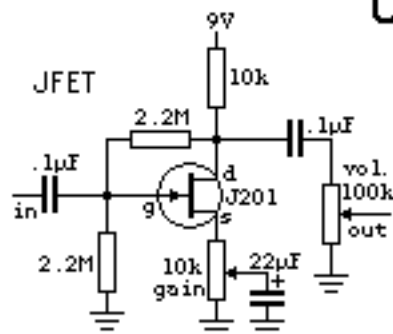


Utility Boost

v 2.2
3/03



Simple booster/preamp for electric guitar or anything. J201 version is fairly clean even at max gain, high input Z, breaks up nicely. BJT version has lower input Z, more gain, breaks up more harshly (MPSA18, 2N3904, NTE103 tested). Darlington version is like BJT, high gain, breaks up harshly, but with higher input Z. Each circuit draws less than $500\mu\text{A}$. Same circuit works with J201, MPSA18, 2N3904, NTE103, MPSA13, MPSA14.