

large offset at the speaker.

high Early voltage.

-2.7406312mV  $V_{out}$

[http://www.zen22142.zen.co.uk/Theory/re\\_model.htm](http://www.zen22142.zen.co.uk/Theory/re_model.htm)

$r_{re}=26\Omega$   
 $r_{re}=26/9.7 \approx 2.68\Omega$   
 $R_{re}=10\Omega$

-2.7406312mV  $V_{out}$

.step param k3 0 1 0.1

.param RpotM=10k

.param k3 0.498

