

```

.param Cfac=150 Csqin=10f
C1
{5f*Cfac}
in
R3
{Zchar}
C2
{Csqin}
Sq_In
in out
refin refout
R1
1
Sq_Amp
in out
refin refout
C5
100p
out
refout
C3
{1n}
refin
C4
{4.5f*Cfac}
refin
;noise V(out) in oct 100 100 5meg

```

