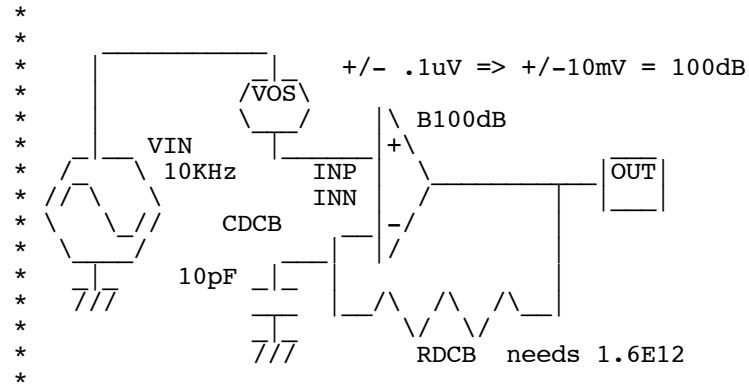


FM_Limiter_Circuit

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* www.idea2ic.com



```
.OPTIONS      GMIN = 1e-18
VIN           VIN    0    SIN( 0 .1u 10k) AC .1u
VOS           VIN    INP  DC    1m
B100dB       OUT    0    V = (V(INP) -V(INN))*100000
RDCB         OUT    INN  1.6e12
CDCB         INN    0    10p
```

```
.control
set pensize = 2
```

```
tran         1u    1m    0    1u
plot         v(vin)
plot         v(out)
ac           dec    30    1m    100k
plot         db(vin) db(out)
```

```
.endc
```

```
.end
```

=====**END_OF_SPICE**=====

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Taking AC voltages from the sub microvolt level to the millivolt level requires the ability to take around 100dB of AC gain.

