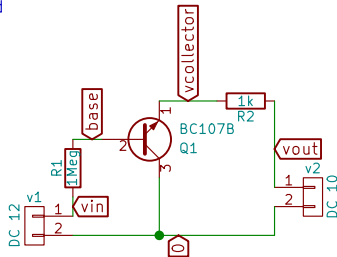


```
+PSPICE
.model BC107B NPN(Is=7.049f Xti=3 Eg=1.11 Vaf=59.59 Bf=381.7 Ise=59.74f
+      Ne=1.522 Ikf=3.289 Nk=.5 Xtb=1.5 Br=2.359 Isc=192.9p Nc=1.954
+      lkr=7.807 Rc=1.427 Cjc=5.38p Mjc=.329 Vjc=.6218 Fc=.5 Cje=11.5p
+      Mje=.2718 Vje=.5 Tr=10n Tf=438p Itf=5.716 Xtf=14.51 Vtf=10)
*      PHILIPS      pid=bc107b case=TO18
*      91-08-02 dsq

.dc V2 0 10 0.1 V1 1.5 3.5 0.5

*****
.control
run
plot v(vout,vcollector)/1k vs v(vcollector)
.endc
*****

.end
```



Drawn by: Karibe David
@muriukidavid
karibe.co.ke

KARIBE (K) LTD

Sheet: /
File: BJT_amplifier.sch

Title: BJT Transistor Characteristics

Size: User Date: 2018-04-24

KiCad E.D.A. kicad 5.1.4-e60b26684ubuntu18.04.1

Rev: 0.1.2

Id: 1/1