

Re: How would one use NPN transistors only?

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On Fri, 11 Jun 2004 06:58:05 GMT, Rick<rik_nntp@dsl.pipex.com> wrote:

>Jim Thompson <thegreatone@example.com> wrote:

>>

>> See "MC1554-AudioPowerAmp.pdf" on the S.E.D/Schematics Page of my
>> website.

>

>

>Don't see how this can work – the output stage's darlington has its
>base and emitter clamped to almost the same voltage by the two
>diodes connected to pin 8; it won't conduct.

>

I sure Jim will be dismayed to discover that hundreds of thousands of these chips were manufactured, and none of them ever worked!

John

ps – two questions:

1) was this the first occurrence of...

```
+-----+----v+
||
r|
|c
+----b
|e
||
+-ka+-----out
|
|
c
in--b
e
|
gnd
```

sci.electronics.design: Re: How would one use NPN transistors only?

2) Did Jim Thompson invent crossover distortion?