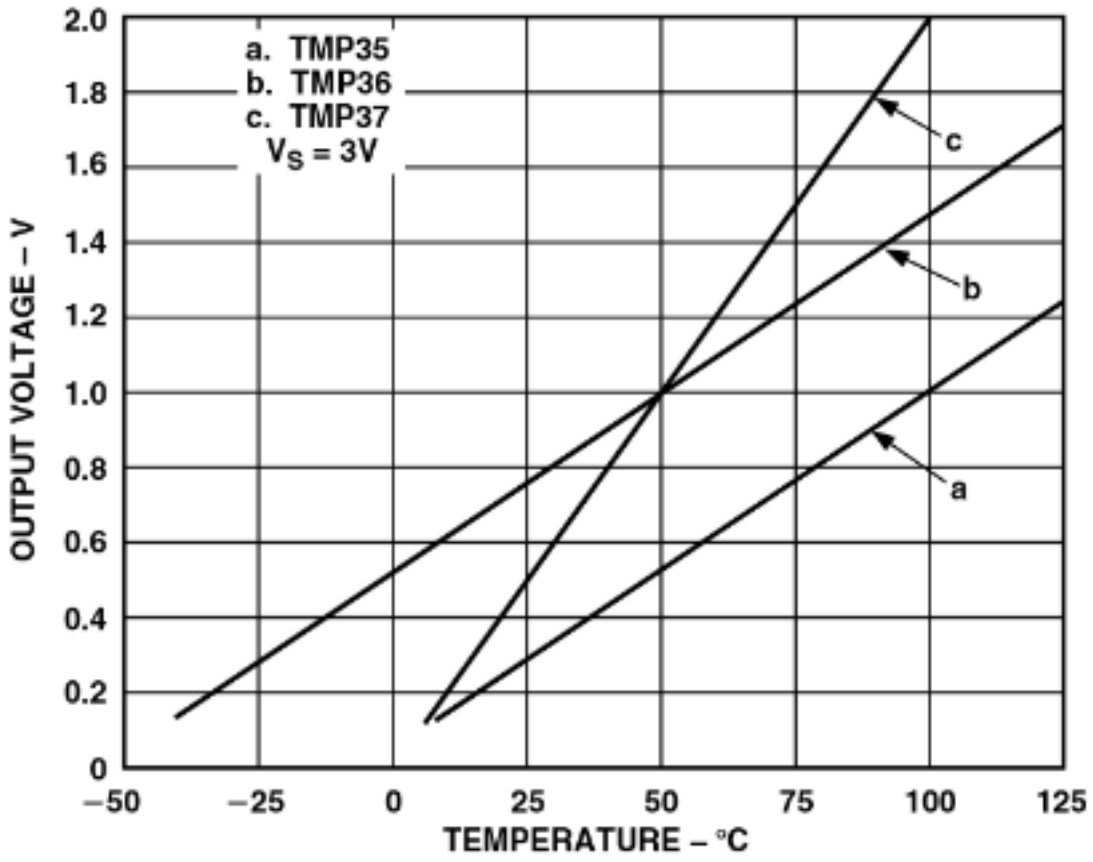
```
%[lowC, highC, offset, scale V/C, V @ 25C]
TMP35 = [10, 125, 0, .01, .25];
TMP36 = [-40, 125, 0.5, .01, .75];
TMP37 = [5, 100, 0, .02, .5];
%T = (V-offset)/scale
%range = .1 to 2V
%50 uA output. Short = 250 uA.
%[Vgs(off), Vgs(on)]
FQP = [1,2.5];
```



TPC 1. Output Voltage vs. Temperature

```
%TMP35:
off = (FQP(1)-TMP35(3))/TMP35(4)
```

```
off = 100
```

```
on = (FQP(2)-TMP35(3))/TMP35(4)
```

```
on = 250
```

```
%TMP36:
off = (FQP(1)-TMP36(3))/TMP36(4)
```

```
off = 50
```

```
on = (FQP(2)-TMP36(3))/TMP36(4)
```

```
on = 200
```

```
%TMP37:
off = (FQP(1)-TMP37(3))/TMP37(4)
```

```
off = 50
```

```
on = (FQP(2)-TMP37(3))/TMP37(4)
```

```
on = 125
```