

For my user's name Sanjeen the ASCII sum in ohms is 516 ohms.

So, this resistance is taken as 516 ohms only near Vref.

Characterization Table

S. No	VDD (V)	Temp (°C)	Vref (V)	Line Reg. (mV/V)	Startup Time (ns)
1	0.8	27	213 mV	266.2	5.49 ns
2	0.9	27	234 mV	260	6.12 ns
3	1.0	27	256 mV	256	6.40 ns
4	1.0	-40	271 mV	271	62 ns
5	1.0	125	236 mV	236	0.516 ns

At 0.8, Temp = 27 -

```
71      2.600000e+01    2.133702e-01
72      2.700000e+01    2.131481e-01
73      2.800000e+01    2.129263e-01
```

At 0.9, Temp= 27 -

```
1      2.600000e+01    2.343748e-01
2      2.700000e+01    2.343496e-01
3      2.800000e+01    2.341247e-01
```

At 1, Temp = 27 -

```
71      2.600000e+01    2.562751e-01
72      2.700000e+01    2.560458e-01
73      2.800000e+01    2.558169e-01
```

At 1, Temp = -40 -

```
Index  temp-sweep    vref
-----
0      -4.50000e+01    2.732067e-01
1      -4.40000e+01    2.729648e-01
2      -4.30000e+01    2.727215e-01
3      -4.20000e+01    2.724784e-01
4      -4.10000e+01    2.722352e-01
5      -4.00000e+01    2.719921e-01
```

At 1, Temp = 125 -

```
169    1.240000e+02    2.360821e-01
170    1.250000e+02    2.365257e-01
ngspice 2 ->
```