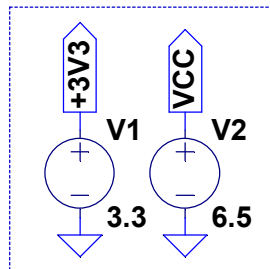
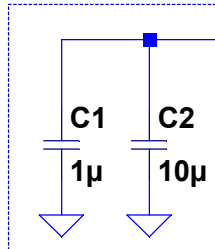


Discrete Si-BJT Totem Pole Gate Driver

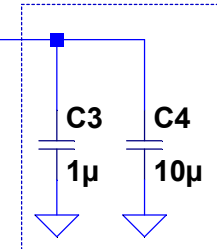
Supply Sources



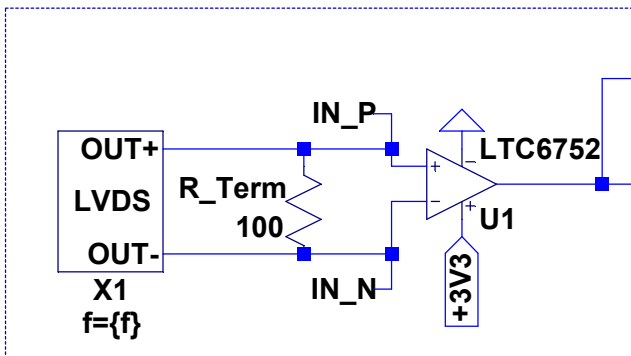
Decoupling Capacitors



Decoupling Capacitors



LVDS Signal Source and Comparator



Simulation Commands and Parameters

Analysis Command

```
.tran 0 {15*T} {13*T}
```

Input Signal Parameters

```
.param f=.28G T={1/F}
```

Totem Pole Parameters

```
.param Rb1=.8k Rc1=120 Re1=100 Rc2=25
```

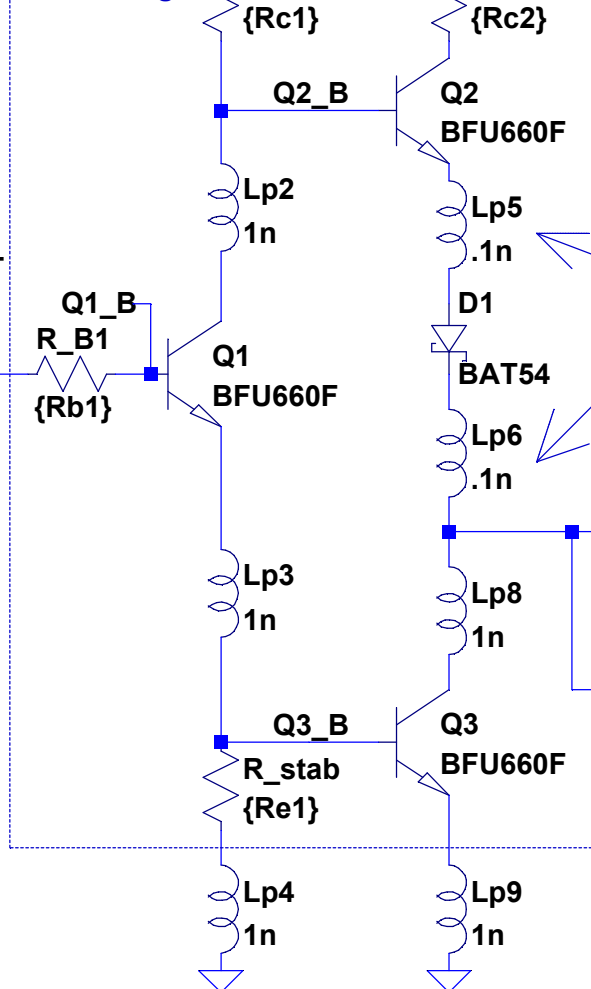
Load (Supply Switch Gate) Parameter

```
.param R_Gate=10 RGS=100k
```

BFU668 Bipolar Transistor Model Library

```
.include BFU668F_spice.lib
```

Totem-Pole Driver Stage



Most critical parasitic inductances

Supply Switch Gate

