



PHOTO DIODE WITH TRANSIMPEDANCE AMPLIFIER

design goals: gain = 20000 V/A B>=33MHz

```
;ac dec 100 1k 100e6
.tran 0 200n 0 .1n
.lib opamp.sub
```

```
;step param C1 list 150f 200f 300f 500f
```

```
;step param C1 list 50f 100f 200f 300f 400f 500f
```

