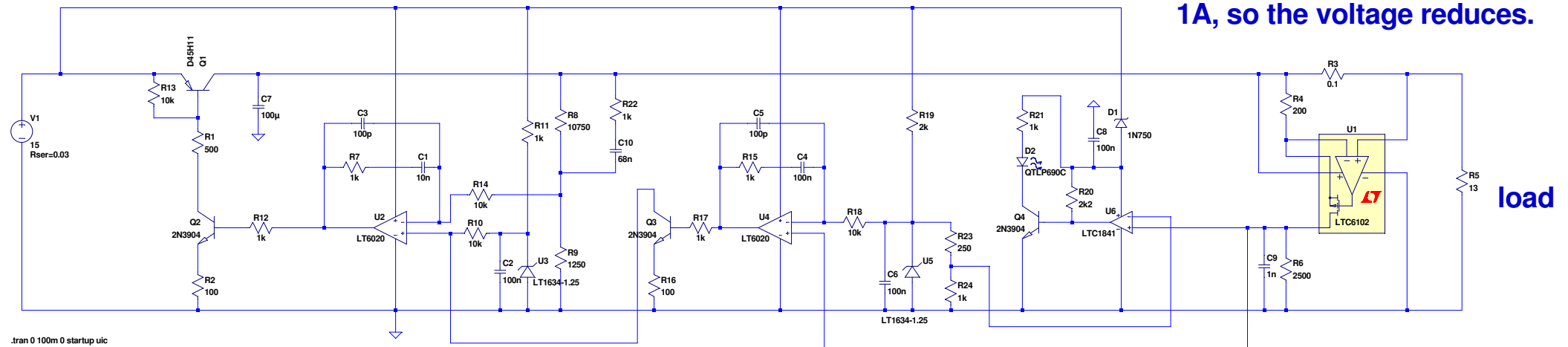


Linear regulator giving 12V output which is limited to 1A

vin=15v

LED comes on
when current goes
above 800mA

12V, but limited to 1A.
So as current increases above
1A, so the voltage reduces.



Error amplifier
regulates vout
to 12V

Error amplifier
which limits
output current to
1A (ie doesnt let it
go above 1A)