

$f_{sw} = 400\text{kHz}$
 $4\text{V} < V_{in} < 14\text{V}$
 $V_{out} = 15\text{V}$
 $I_{outMax} = 200\text{mA}$

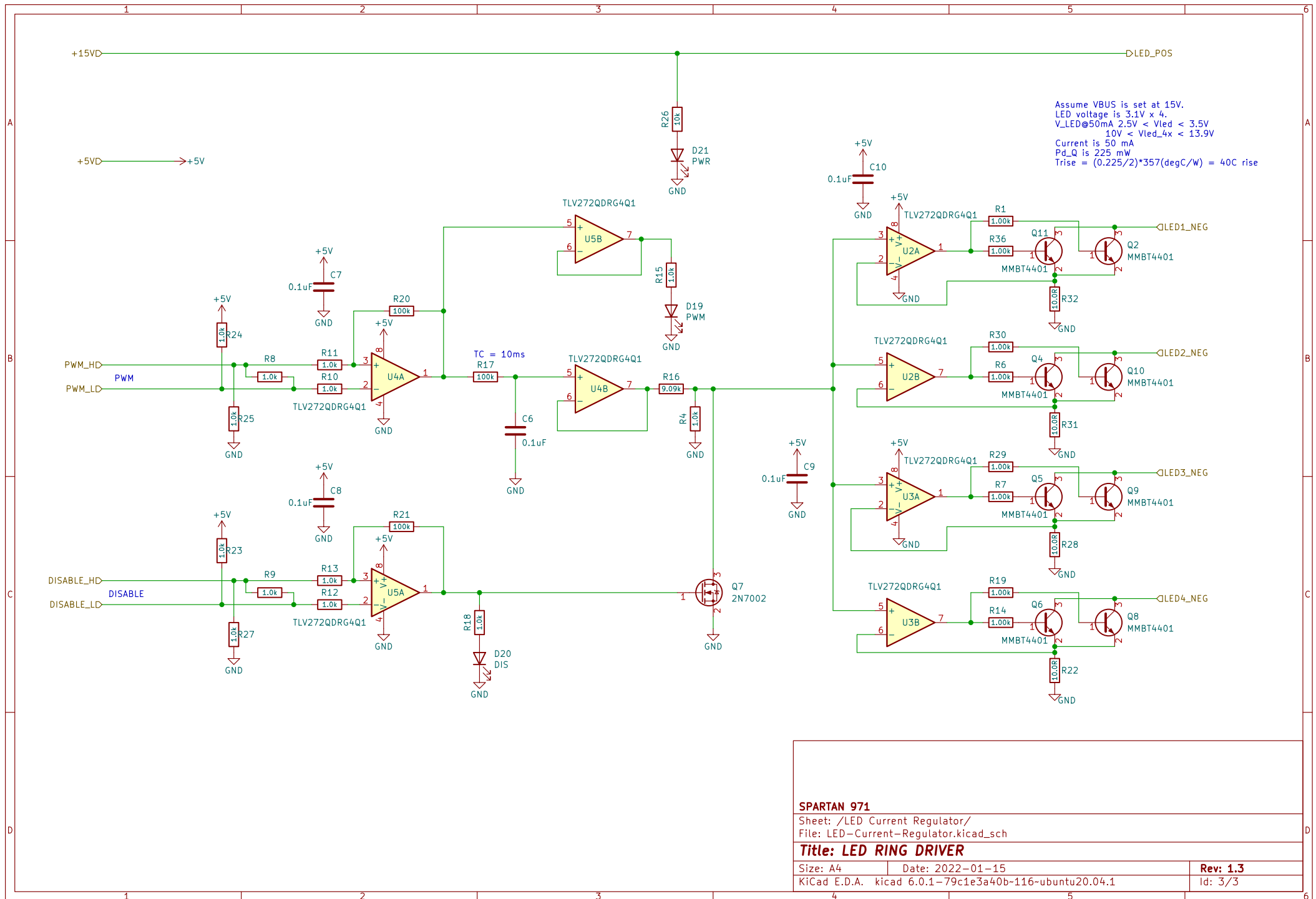
SPARTAN 971

Sheet: /Boost Converter/
 File: boost.kicad_sch

Title: LED RING DRIVER

Size: A4
 Date: 2022-01-15
 KiCad E.D.A. kicad 6.0.1-79c1e3a40b-116-ubuntu20.04.1

Rev: 1.3
 Id: 2/3



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Sheet: /LED Current Regulator/
 File: LED-Current-Regulator.kicad_sch

Title: LED RING DRIVER

Size: A4 Date: 2022-01-15
 KiCad E.D.A. kicad 6.0.1-79c1e3a40b-116-ubuntu20.04.1

Rev: 1.3
 Id: 3/3