

<https://github.com/jwaeles/>

Jordan Waeles

Sheet: /

File: plan_b.sch

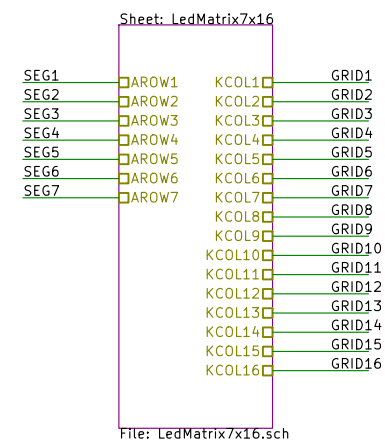
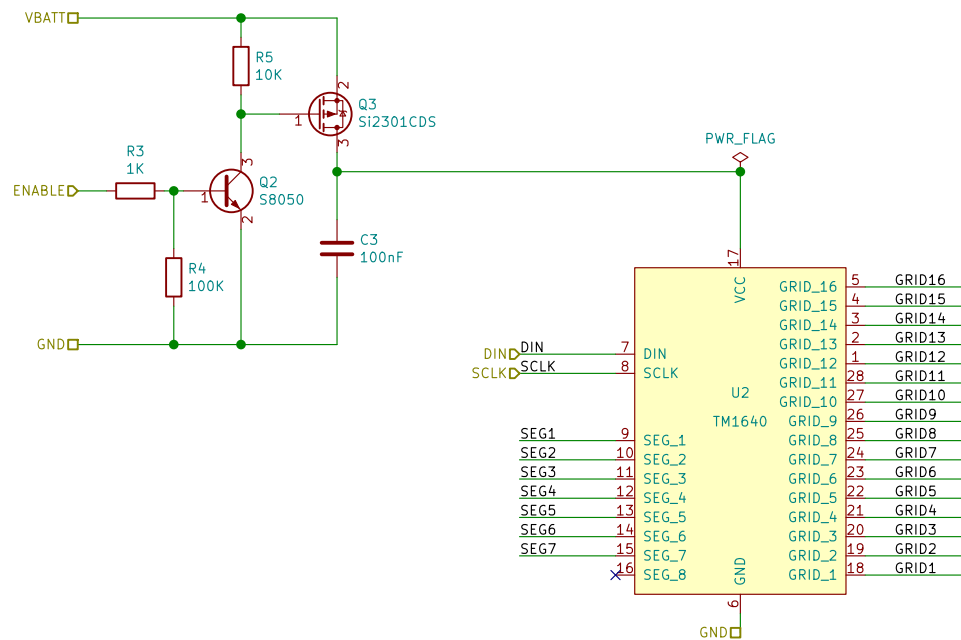
Title: Dynamic Xmas Gift Label

Size: A4 Date: 2019-12-04

KiCad E.D.A. kicad (5.1.4)-1

Rev: rev0

Id: 1/4



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Sheet: /TM1640/

File: TM1640.sch

Title: Dynamic Xmas Gift Label

Size: A4 Date: 2019-12-04

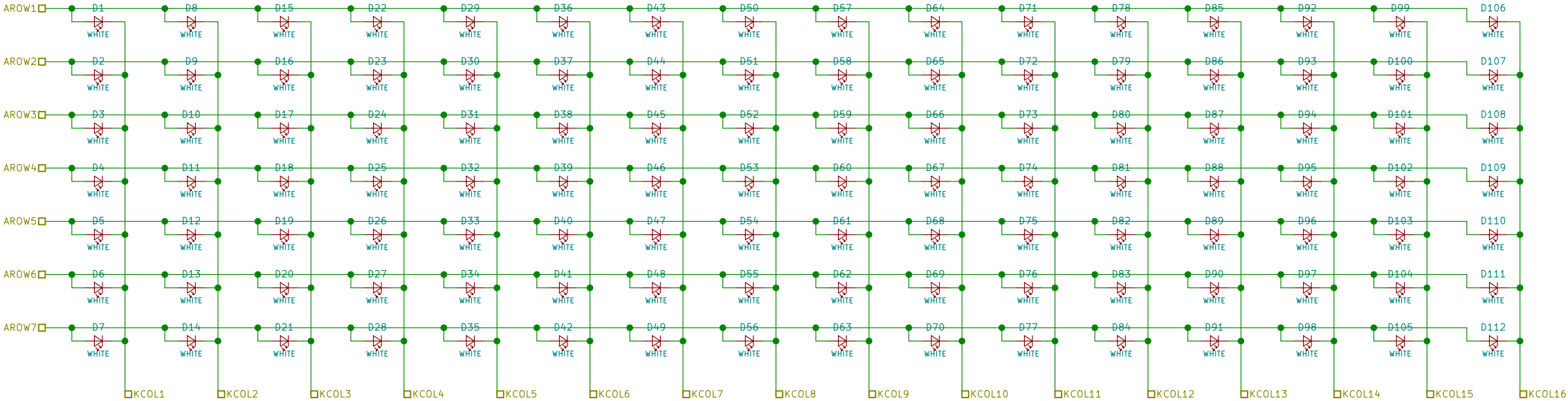
KiCad E.D.A. kicad (5.1.4)-1

Rev: rev0

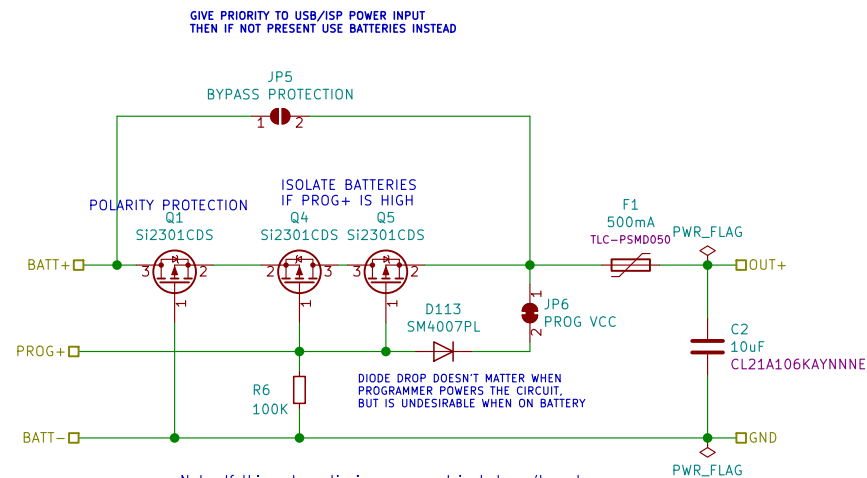
Id: 2/4

LED MATRIX

ANODES



CATHODES



Note: If this schematic is wrong and just doesn't work,
and you sent it to the fabhouse and don't have time to
run a new batch, you can remove the protection circuit
by bridging JP5 and cutting JP6.

In that case, only the batteries will power the circuit, ever,
and you need batteries connected even to program the
MCU.

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Sheet: /PowerInput/

File: PowerInput.sch

Title: Dynamic Xmas Gift Label

Size: A4 Date: 2019-12-04

KiCad E.D.A. kicad (5.1.4)-1

Rev: rev0

Id: 4/4