

Blackdog's oven controller

<https://www.eevblog.com/forum/metrology/small-oven-controller-for-voltage-reference/?all;PHPSESSID=s4qqneiki7ie6jof3d2rn7obe4>

Adjust compensation values as needed

TH10 senses ambient temp.

Affix TH11 to case

Populate Q1 with either an N-channel MOSFET with GDS pinout (e.g. IRF610)  
or an NPN transistor with BEC pinout (e.g. MJE3055)

If Q1 is a MOSFET, populate R8 to convert the LM723 output current into a gate voltage.  
If Q1 is a BJT, R8 is not needed.

File: lm723-oven.sch  
Sheet: /  
Title:  
Size: USLetter Date: 5 jul 2018 Rev:  
KICad E.D.A. Id: 1/1

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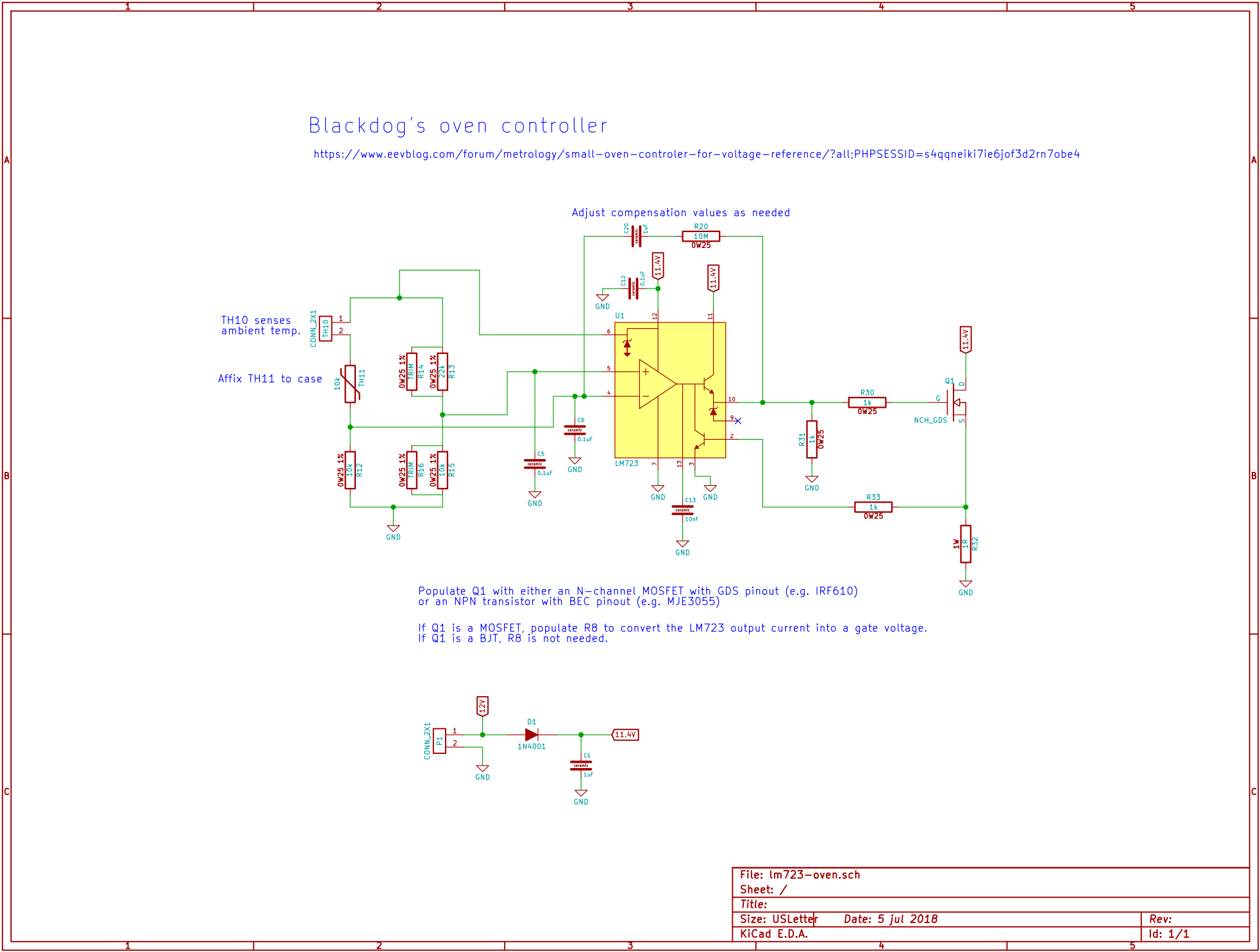
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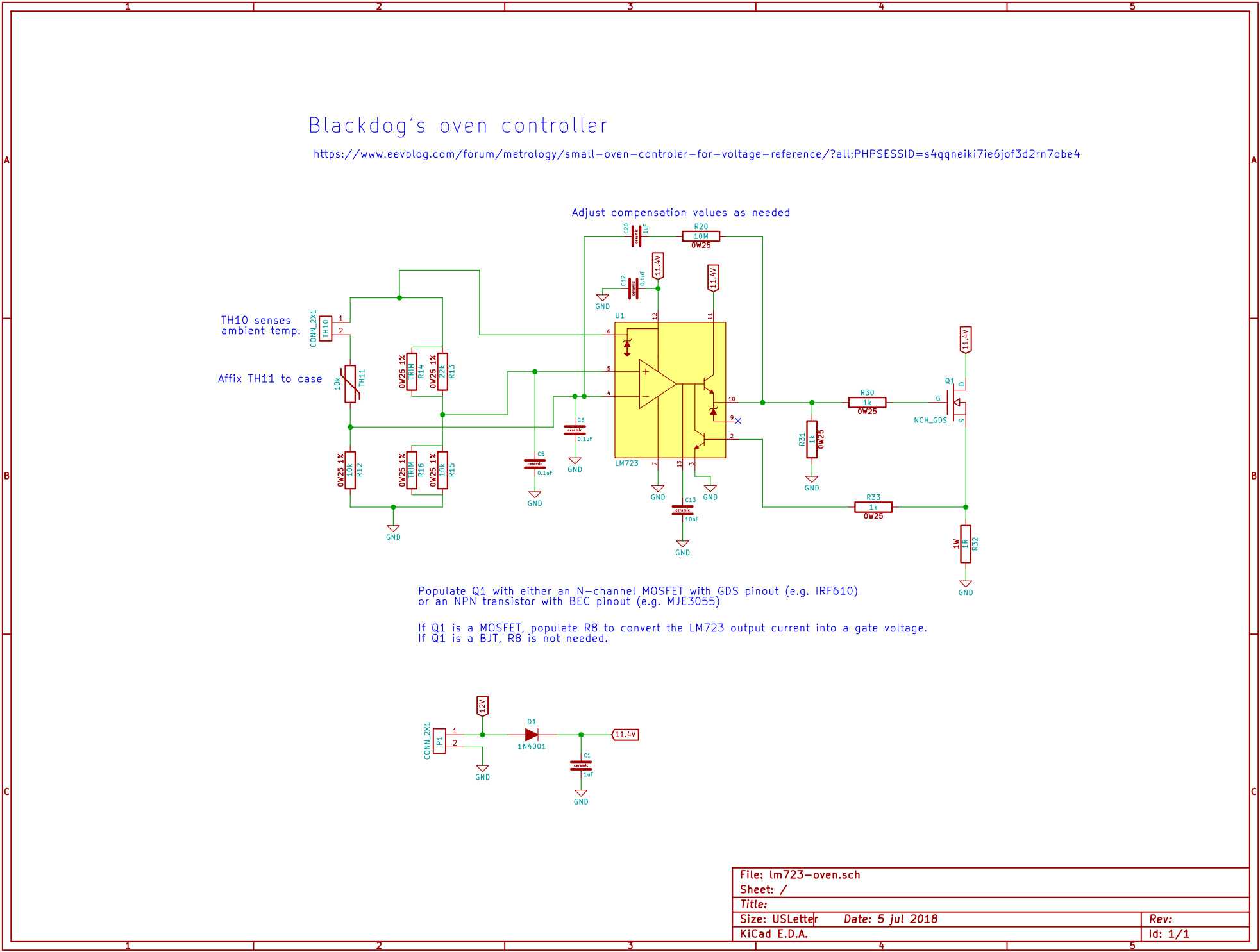
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