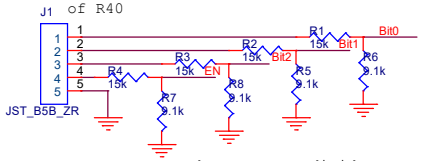
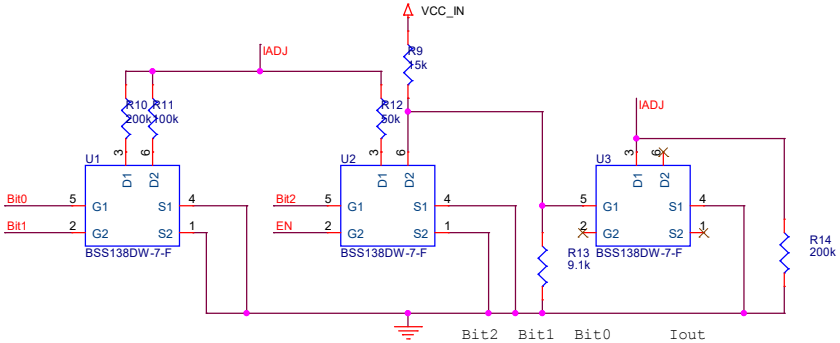
DN: This JST connecter will be connectet to a connecter which is located at the housing of R40



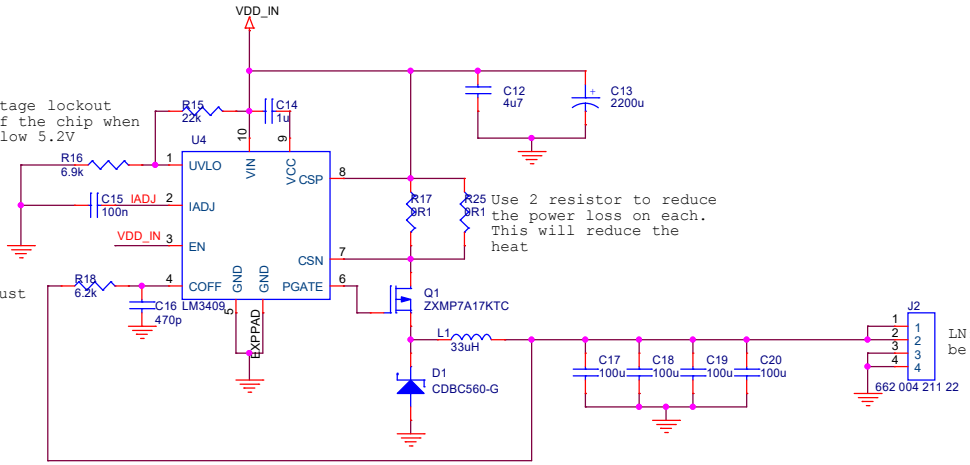

These votage divider are used to generate a max. voltage of 9V between Gate and Source. Because the max. Gate to Source Voltage is +/- 20V




| Bit2 | Bit1 | Bit0 | Iout |
|---|---|---|---|
| 0 | 0 | 0 | 4.00A |
| 0 | 0 | 1 | 2.00A |
| 0 | 1 | 0 | 1.33A |
| 0 | 1 | 1 | 1.00A |
| 1 | 0 | 0 | 0.80A |
| 1 | 0 | 1 | 0.66A |
| 1 | 1 | 0 | 0.57A |
| 1 | 1 | 1 | 0.50A |

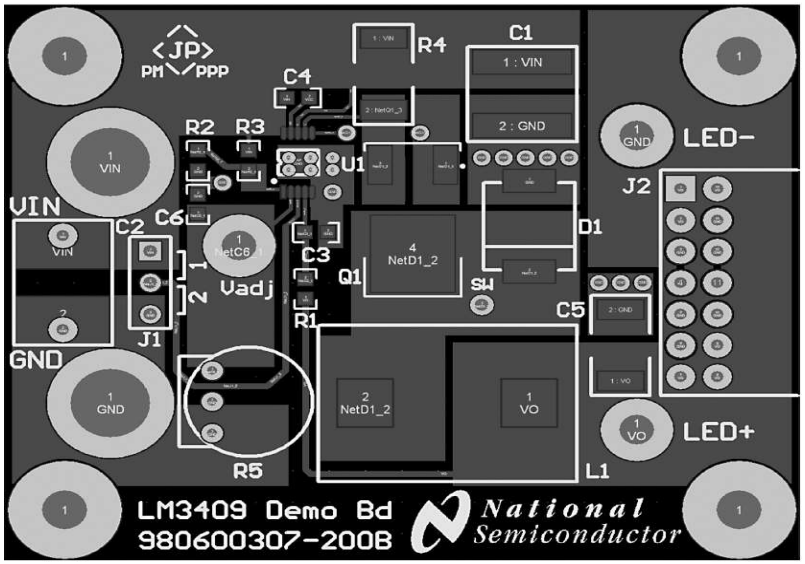
The undervoltage lockout will turn off the chip when VDD_IN is below 5.2V

DN: R18 and C16 adjust 1.38us Offtim




Use 2 resistor to reduce the power loss on each. This will reduce the heat

LN: A 100uF capacitor has to be placed direct on the LED




| | | |
|---|---|---|
| Page Name <page name> | | heliot |
| Title 01_LED-Driver-LM3409 | | Part Number HE1612216501_01 |
| Size A3 | created by bvn, December 21. 2016 | reviewed by ac, December 21. 2016 |
| Date: Wednesday, December 21, 2016 | Sheet 1 of 2 | |

D

C

B

A

otis

1

Rev
<RevCode>

2