

DN65 ZXSC310 Solution for emergency light

Description

This solution is provided for an emergency light driving 8 white LEDs connected in series from a 4 cell input.

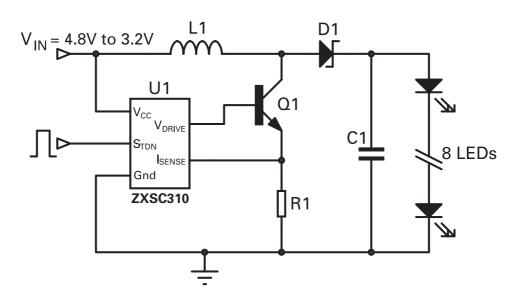
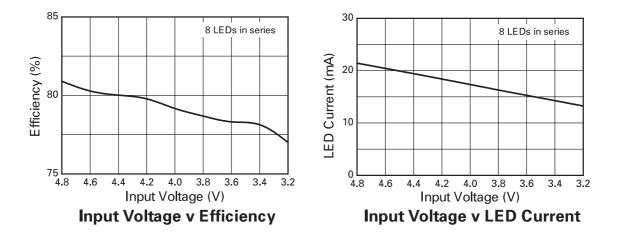


Figure 1 Schematic diagram





DN65

Reference	Part no.	Value	Manufacturer	Contact details
U1	ZXSC310E5	LED driver	Zetex	www.zetex.com
Q1	FMMT619	2A, Iow V _{CE(sat)}	Zetex	www.zetex.com
D1	ZHCS1000	1A, low V _F	Zetex	www.zetex.com
L1	LPO2506OB-683	68μH, 0.4A	Coilcraft	www.coilcraft.com
R1	Generic	82m Ω	Generic	NA
C1	Generic	2.2μF	Generic	NA
LED1	NSPW500BS	White LED	Nichia	www.nichia.com

Table 1Bill of matrials

Europe	Americas	Asia Pacific	Corporate Headquarters
Zetex GmbH	Zetex Inc	Zetex (Asia Ltd)	Zetex Semiconductors plc
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