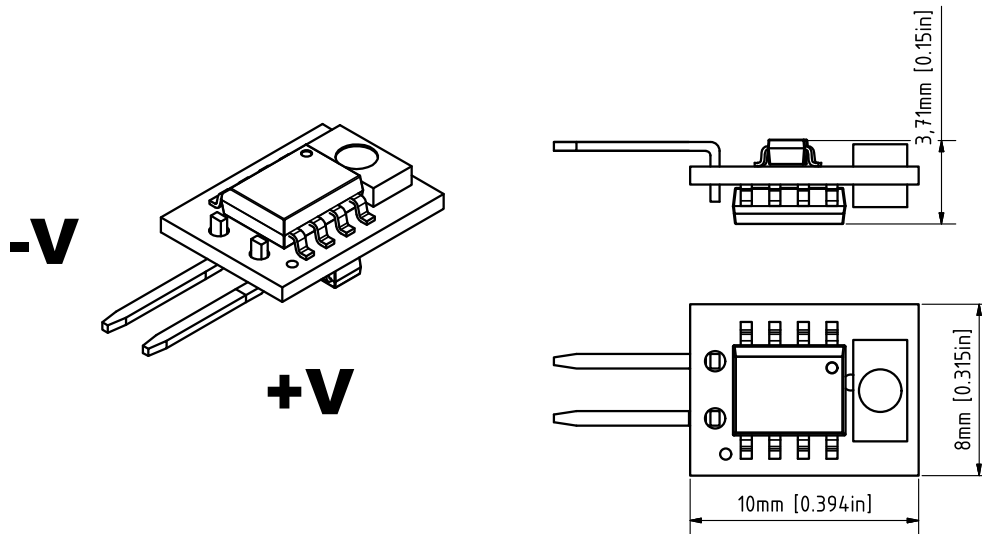


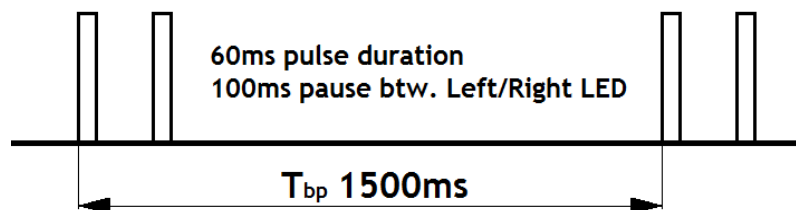
## A.) Dimensions & Pinout



## B.) Electrical Characteristics

Symbol	Definition	Min.	Max.	Units
$U_{in}$	Fixed Supply voltage	2.8	4.0	V
$\vartheta_a$	Operating temperature	-10	40	[°C]
$I_{in,av}$	Average Current Consumption <sup>A.)</sup>		20	[mA]
$I_{LED,M}$	Maximal LED drive current <sup>B.)</sup>		200	[mA]
$T_{op}$	Estimated Working Time <sup>A.)</sup>		>>60	[minutes]
$T_{blink}$	LED pulse duration		60	[ms]

A.) Depends on the selected Flash Frequency (can be modified) and the battery capacity, showed parameter is valid for basic Flash Program and supplied 3.7V 60mAh battery. Please recharge battery after 60minutes of operation for better lifetime performance.



B.) Maximal LED current depends on internal battery resistance and assembled power transistors. Defined number is valid for basic configuration.

## C.) Weight

Symbol	Definition	Max.	Units
$m_{SOT23}$	Transistors package weight	2x8	[mg]
$m_{S08}$	Microprocessor package weight	74.2	[mg]
$m_{LED}$	LED package weight	2x12	[mg]
$m_{JUMPER}$	Input connector weight	29.6	[mg]
$m_{PCB}$	PCB weight (0.6mm width, FR4 density 1.850g/cm <sup>3</sup> )	88	[mg]
$m_{BAT}$	Battery weight	1600	[mg]
$m_{TOT}$	TOTAL weight (Assembled PCB + Battery 3.7V 60mAh)	<2	[g]