

Mini evaluation board for the AEM10941

Description

The AEM10941 mini evaluation board is a printed circuit board (PCB) featuring all needed components to put in operation the AEM10941 integrated circuit.

Please refer to the datasheet for all useful details about the AEM10941 (Document DS_AEM10941).

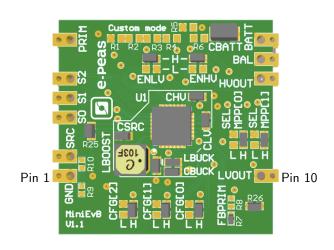
Resistors allow the user to change the configuration pins.

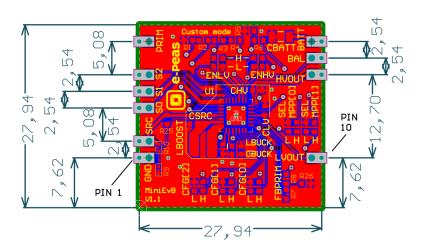
Device information

Part number	Dimensions
2EAEM10941C0011	27.94 mm × 27.94 mm

Layout information

Pitch between output vias $= 2.54 \, \text{mm}$ Output hole diameter $= 0.7 \, \text{mm}$





Pinout

PIN	NAME	FUNCTION	PIN	NAME	FUNCTION
1	GND	Ground connection.	6	PRIM	Connection to an optional primary battery.
2	SRC	Connection to the harvested energy source.	7	BATT	Connection to the storage element.
3	S0	Status[0]. Logic output.	8	BAL	Connection to the dual-cell supercapacitor.
4	S1	Status[1]. Logic output.	9	HVOUT	Output of the high-voltage LDO regulator.
5	S2	Status[2]. Logic output.	10	LVOUT	Output of the low-voltage LDO regulator.

Table 1: Pins description

Footprint, symbol and 3D Model available.

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