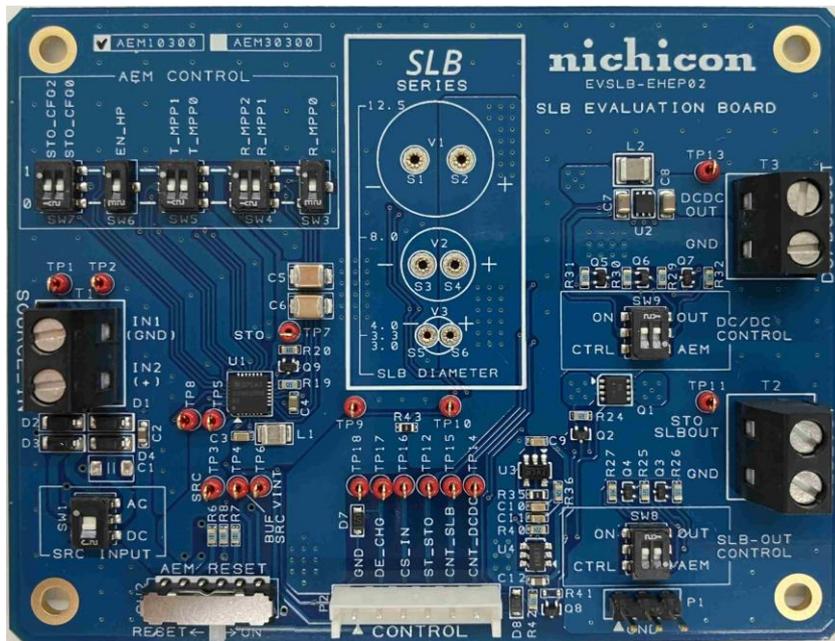
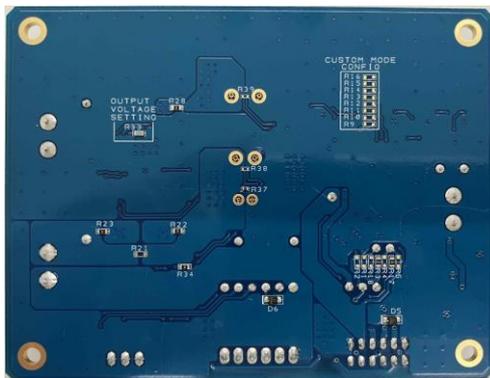


# SLB Series Energy Harvesting Evaluation Board

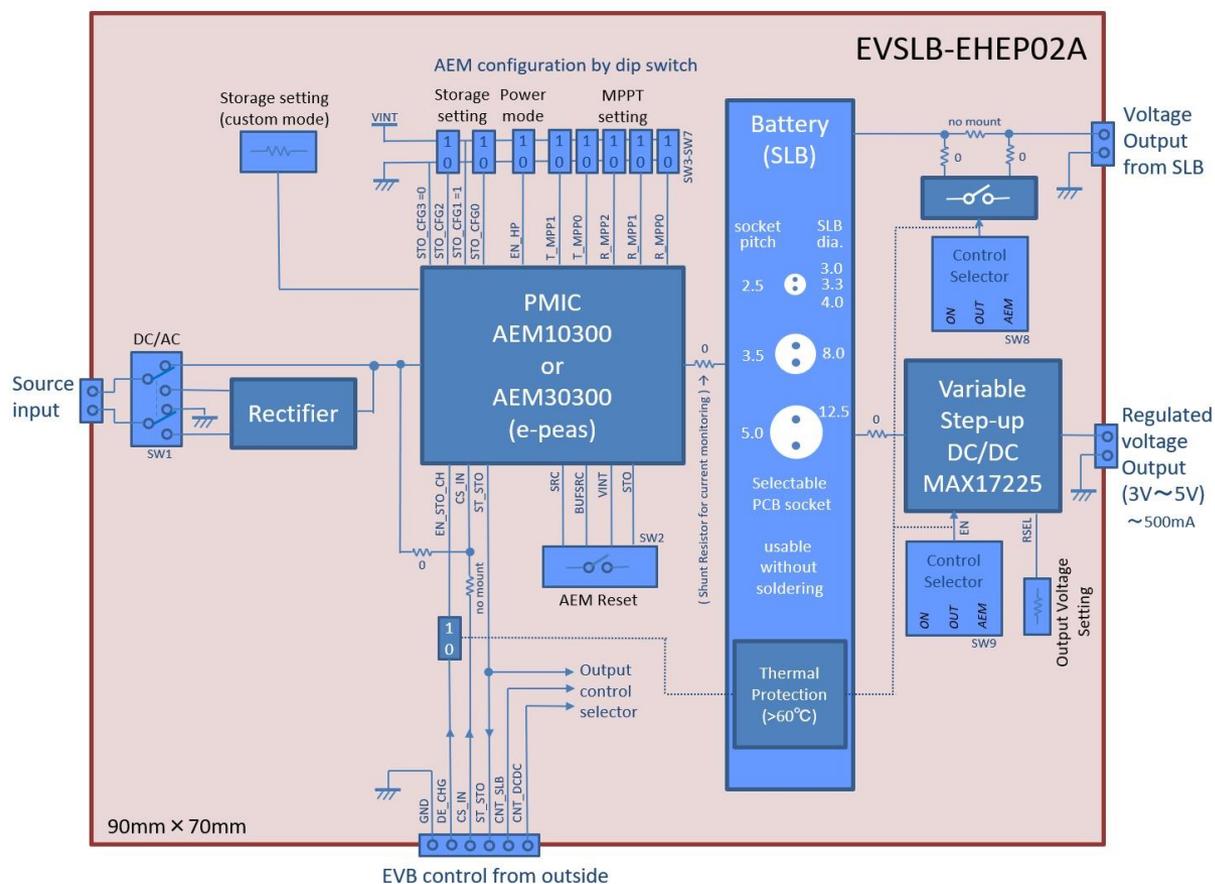


- Energy harvester connection terminal: 1 system  
DC/AC switchable, Input voltage range: DC: 4.5V or less, AC: +/- 4.5V peak or less
- Power supply output terminal: 2 lines  
(1) SLB DC output (2.8V to 1.8V)  
(2) DC/DC converter output (factory set voltage: 3.3V)  
Can be set in the range of 3.0V to 5.0V by replacing resistors
- Maximum power point tracking (MPPT) function (switchable)  
Operating voltage: 7-mode release voltage ratio preset + input impedance adjustment mode  
Sampling time/period: 4 preset modes
- SLB charge/discharge control threshold voltage setting (switch-type)  
2 preset modes + custom setting mode
- Output circuit enable setting (switch-type)  
4 modes (always on / PMIC control / external control / always off)
- One-touch connection/disconnection of SLB series is possible (no soldering required)
- Built-in charge/discharge stop circuit at high temperatures
- External control terminal
- Circuit configuration allows power consumption customization according to required function
- Test pin placement on main signal lines
- Product dimensions: 90mm x 70mm x 12mm



# SLB Series Energy Harvesting Evaluation Board

Power supply board to combine SLB series with various energy harvesters



## Evaluation Board Features

Solar (DC), vibration power generation (AC), etc. Input from various harvesters are possible

Supports power collection settings optimized for harvester characteristics

Compatible with all 5 types of SLB series

Supports 2 outputs (SLB direct / 3-5V)

High customizability