

Boost 4 click



PID: MIKROE-2757

Boost 4 click carries the [TPS61230A](#), a high efficiency fully integrated synchronous boost converter from Texas Instruments. The click is designed to run on a 3.3V power supply. Boost 4 click drives the target chip through the digi pot, which has SPI communication with the microcontroller on the system.

Mikroe produces entire development toolchains for all major microcontroller architectures.

Committed to excellency, we are dedicated to helping engineers bring the project development up to speed and achieve outstanding results.



ISO 27001: 2013 certification of informational security management system.
 ISO 14001: 2015 certification of environmental management system.
 OHSAS 18001: 2008 certification of occupational health and safety management system.



ISO 9001: 2015 certification of quality management system (QMS).

Specifications

Type	Boost
Applications	Battery powered products, battery backup units, etc.
On-board modules	TPS61230A, a high efficiency fully integrated synchronous boost converter from Texas Instruments
Key Features	Input Voltage Range: 2.5 V to 4.5 V, output Voltage Range: 2.5 V to 5.5 V
Interface	SPI
Compatibility	mikroBUS
Click board size	M (42.9 x 25.4 mm)
Input Voltage	3.3V

Resources

[mikroBUS™](#)

[Click board™ Catalog](#)

[Click Boards™](#)

Downloads

[Boost 4 click schematic](#)

[TPS61230A datasheet](#)

[Boost 4 click example on Libstock](#)

[Boost 4 click 2D and 3D files](#)

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