MIKROELEKTRONIKA D.O.O, Batajnički drum 23, 11000 Belgrade, Serbia
VAT: SR105917343 Registration No. 20490918
Phone: + 381 11 78 57 600 Fax: + 381 11 63 09 644 E-mail: office@mikroe.com
www.mikroe.com

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.

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