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

VREG Click

PID: MIKROE-2443

VReg click is a digitally controlled DC Voltage regulator in mikroBUS™ form factor. The design is based on the well-known LM317-M circuit, with the addition of a 12-bit DAC, 12-bit ADC, and an Operational Amplifier. Two pairs of screw terminals serve as inputs and outputs.

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

Specifications

Type	Linear
Applications	Regulating linear power supplies for a wide variety of devices
On-board modules	LM317-M, MCP4921 12-bit DAC, MCP3204 12-bit ADC, ZXMP7A17K MOSFET, LMx58 Low-Power, Dual-Operational Amplifier
Key Features	Input Output screw terminals
Interface	SPI
Compatibility	mikroBUS
Click board size	L (57.15 x 25.4 mm)
Input Voltage	3.3V or 5V

Resources

Click board™ Catalog

Click Boards™

Downloads

VREG click example on Libstock

VREG click schematic

LM317M datasheet