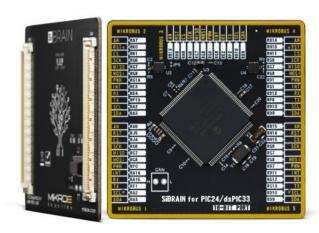


MIKROELEKTRONIKA D.O.O, Batajnički drum 23, 11000 Belgrade, Serbia VAT: SR105917343 Registration No. 20490918

Phone: + 381 1178 57 600 Fax: + 381 11 63 09 644 E-mail: office@mikroe.com

## SiBRAIN for dsPIC33EP512MU814



PID: MIKROE-4659

SiBRAIN is a standardized microcontroller add-on board, which allows very simple installation and replacement of the microcontroller unit (MCU) on a development board equipped with the SiBRAIN Card socket. By introducing the new SiBRAIN standard, we have ensured the absolute compatibility between the development board and any of the supported MCUs, regardless of their pin number and compatibility. SiBRAIN is equipped with two 168-pin mezzanine connectors, allowing it to support even MCUs with extremely high pin count. The clever design allows very simple usage, following the well-established plug & play concept of the Click board  $^{\text{\tiny TM}}$  line of product.

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.





health and safety management system.



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

## **Specifications**

Туре	8th Generation
Architecture	dsPIC/PIC24 (16-bit)
MCU Memory (KB)	512
Silicon Vendor	Microchip
Pin count	144
RAM (Bytes)	53248
Supply Voltage	3.3V

www.mikroe.com

## **Downloads**

dsPIC33EP512MU814 datasheet

SiBrain for dsPIC33EP512MU814 schematic





health and safety management system.