MIKROELEKTRONIKA D.O.O, Batajnički drum 23, 11000 Belgrade, Serbia
VAT: SR105917343 Registration No. 20490918
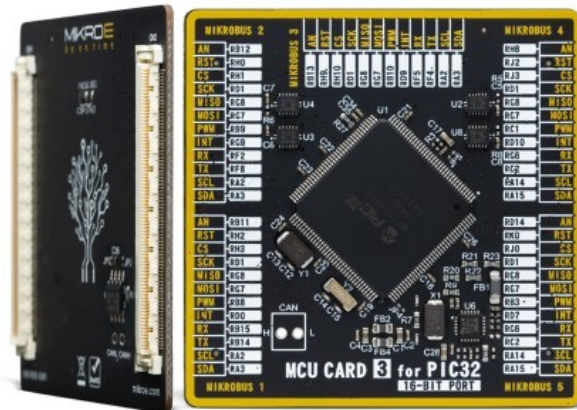Phone: + 381 11 78 57 600 Fax: + 381 11 63 09 644 E-mail: office@mikroe.com
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SiBRAIN for PIC32MZ1024EFE144

PID: MIKROE-4728

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™ line of product.

Specifications

Type	8th Generation
Architecture	PIC32 (32-bit)
MCU Memory (KB)	1024
Silicon Vendor	Microchip
Pin count	144
RAM (Bytes)	262144
Supply Voltage	3.3V

Downloads

PIC32MZ1024EFE144 datasheet

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).

[SiBRAIN for PIC32MZ1024EFE144 schematic](#)

[SiBRAIN Standard Specification](#)