Time-saving embedded tools

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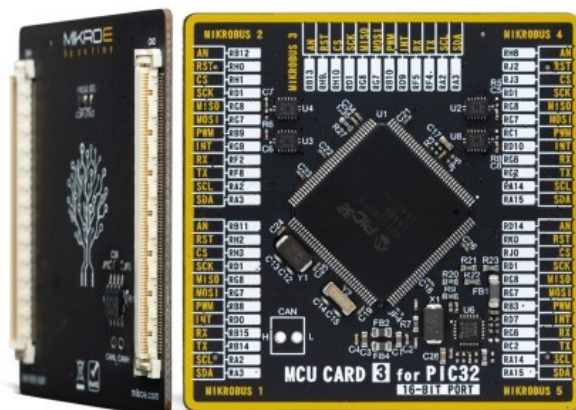www.mikroe.com

SiBRAIN for PIC32MZ1024EFK144

PID: MIKROE-4703

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

[PIC32MZ1024EFK144 datasheet](#)

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[SiBRAIN for PIC32MZ1024EFK144 schematic](#)

[SiBRAIN Standard Specification](#)