

PIC32-RETROBSD



PIC32-RETROBSD is a small Open Source Hardware board with PIC32MX795F512H which is capable to run RetroBSD Unix-like system

PIC32-RETROBSD is PIC32-PINGUINO-MICRO board with assembled PIC32MX795F512H processor on it. Comes preloaded with a bootloader and RetroBSD kernel.

FEATURES

- PIC32MX795F512H, 80 Mhz microcontroller, 512KB Flash, 128KB RAM
- Comes loaded with a bootloader and RetroBSD kernel
- You can use own microSD card for the file system
- [UEXT connector](#) which allows many existing modules like RF, ZIGBEE, GSM, GPS to be connected
- Two LEDs
- One BUTTON
- RESET button
- Mini USB connector
- All PIC ports available on 0.1" connectors
- [miniICSP](#) connector 0.05" step. If you do not want to use RetroBSD and you want to program this board with a PIC-KIT3, you should use also a PIC-ICSP converter board, the same applies for Microchip programmers.

DOCUMENTS

- [PIC32-RETROBSD schematic](#)
- [PIC32-RETROBSD at RetroBSD's wiki](#)

HARDWARE

- [GitHub files](#)

SOFTWARE

- [Drivers \(MCP2221 Windows Driver\)](#)
- [Latest RetroBSD sources and binaries](#)
- [Default binaries that we load during production](#)

COMMUNITY

- [RetroBSD's web site](#)

FAQ

- What else do I need to boot the RetroBSD?
- You need to load the file system to a microSD card. The filesystem should be downloaded from RetroBSD's web-site. At our GitHub you can find older versions in case you need them.

Note that we sell a microSD card separately with the image from our GitHub. You can find it in the "Related Products" section below.