

# RADIX - SEPIA



**SEPIA** is a PIC Microcontroller development platform that enables the avid hobbyist and professional user to build embedded applications. The PCB is designed to host both 28 and 40 PIN DIP Packages\*. Use your favourite or the latest from Microchip in the PIC16F | PIC18F families of devices.

\*Device choice at purchase determines configuration.

- Jumper selectable PSU 3v3 | 5v0
- USB-UART, self-powered
- Sockets for 28|40 PIN PICS
- Reset button.
- Power LED
- All IO tracked to headers.
- ICSP & MikroProg headers
- Choice of device

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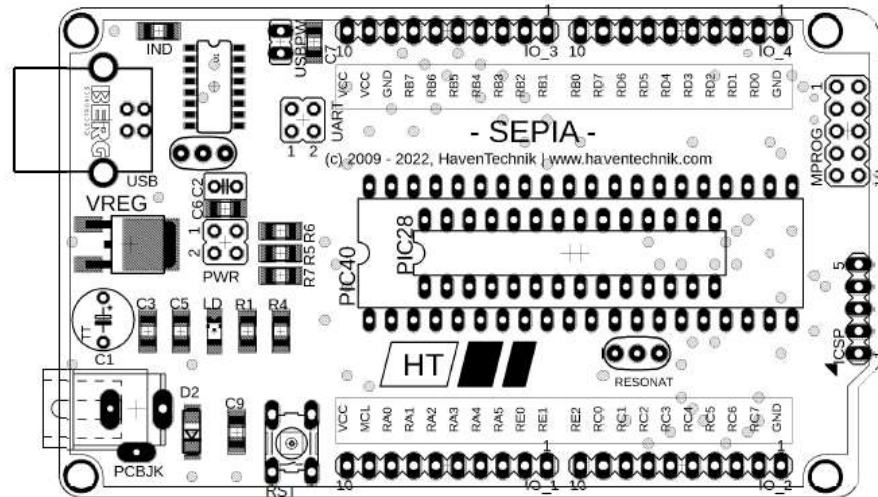
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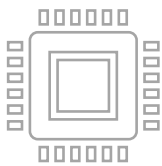


Specifications	SEPIA
DC Jack   USB Powered	YES
Oscillator	8 MHZ Resonator
Device Programming	ICSP   USART Bootloader
3v3   5V0	YES
Input Voltage	> 7Vdc   > 9 Vdc
Package	28 PIN   40 PIN DIP Packages for PIC18F Devices
LED   Reset Button	YES
Headers Ported	PORTs A, B, C tracked for 28 40 PIN Packages PORT D & E tracked for 40 PIN Packages
USB UART	CH340G



The PCB has an ergonomic layout, offering a balanced mix of features and expansion options. The PCB can be configured for many projects and applications.

#### Choice of Device:



##### **PIC16F**

PIC16F887, PIC16F877A, PIC16F1719\*

##### **PIC18F**

PIC18F45K22, PIC18F46K40, PIC18F4520\*

\*Sub members of the devices in the same family would still function, they are not listed for brevity. Please see the datasheet from Microchip for more details.



#### Product Support:

We offer comprehensive support for our products which includes full documentation, knowledge base articles on best practise and sample projects.



#### Training:

Either onsite or via video conferencing a training curriculum relevant to current system design trends and requirements is available.



#### Where to Buy?

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