

# UniVersaKit

## Overview

The **UniVersaKit** is a complete and comprehensive evaluation system for Goal Semiconductor's VERSA mixed-signal and FLASH 8051-based microcontroller families.

The system also serves as a programming and development platform for custom applications.

**UVK's** features include ample onboard prototyping space, easy access to chip peripherals and I/O pins through the board's probe points.



## Features

- Probe points close to VERSA MIX and VERSA MCU devices
- Header footprints for direct access to device peripherals and I/O pins
- Ample prototyping area
- PLCC-44 socket for VERSA MCU device
- Onboard-soldered VMX1020-QAC14 device
- Dedicated access header for the VERSA-ICP
- 5 tact switches for manual reset/interrupt of the VERSA MIX and VERSA MCUs, plus 1 uncommitted tact switch
- Onboard RS-232 transceiver
- 2 DB9 serial port connectors
- Onboard 64K I<sup>2</sup>C EEPROM device
- Alphanumeric LCD footprint connected to VERSA MCU Port 1
- 8 uncommitted user LEDs
- Onboard buzzer and driver circuit
- 2 onboard voltage regulators: 5V and 3.3V
- 1 dedicated header supplying access to the VERSA MIX differential transceiver
- Separate access to the VERSA MIX current source

## Contents

- Development System Board
- 1 VRS1000-PAI40 with ISPV2 Firmware
- Getting started guide, required software and documentation on CD-ROM
- VERSA In-Circuit Programmer
- DB9 serial cable
- 6V wall-mount AC/DC adapter. Please specify 120VAC or 220VAC on your order