

USB-IK02

USB-EK01 Memory Extension Module



INTRODUCTION

It is the board which it was developed so as to be able to supplement USB-EK01(Digital I/O, SRAM, Flash). Specially, It can be implement various H/W interface using EPLD.

GENERAL DESCRIPTION

- ◆ Functional expansion USB-EK01 (Memory, I/O etc.)
- ◆ Exchangeable H/W(memory location) by CPLD Programming(Memory location)
- ◆ CPLD XC95144XL, 144 Macro cell, Max 117 User I/O
- ◆ High speed SRAM 8Mbit
- ◆ 8 LED indicator
- ◆ 3 Tact switch user input
- ◆ One external transistor totem-pole output for MCU-reset
- ◆ Can be use for ROM emulator

APPLICATION

- ◆ USB ROM Emulator
- ◆ RAM extension for USB-EK01
- ◆ ROM extension for USB-EK01
- ◆ I/O extension for USB-EK01

SPECIFICATION

Interface

- USB Powered through USB-EK01 Connector
- +3.3V Single Power Operation

Function

- Interface for 8/16 bit ROM
- Totem-pole Output

SOFTWARE

Operating System

- Windows 2000/XP

Recommended Software

- API : Not Applicable