USB-MULTI

USB Multi-function(Analog I/O, Digital I/O) product

INTRODUCTION

It is a ROM Emulator of the economical price that used USB Interface. It download 1M Byte to 12Mbps Full Speed USB methods in approximately 1 second, and you can test quickly.

GENERAL DESCRIPTION

◆ Full Speed Device 12Mbps
◆ 8Mbit(1MByte) High Speed SRAM

APPLICATION

◆ Data acquisition
◆ Laboratory instrumentation
◆ Process control systems
◆ Factory automation

SOFTWARE

◉ **Operating System**
  ▪ Windows 2000 SP4/XP SP1 over
◉ **Recommended Software**
  ▪ API : Interface with Application through client DLL
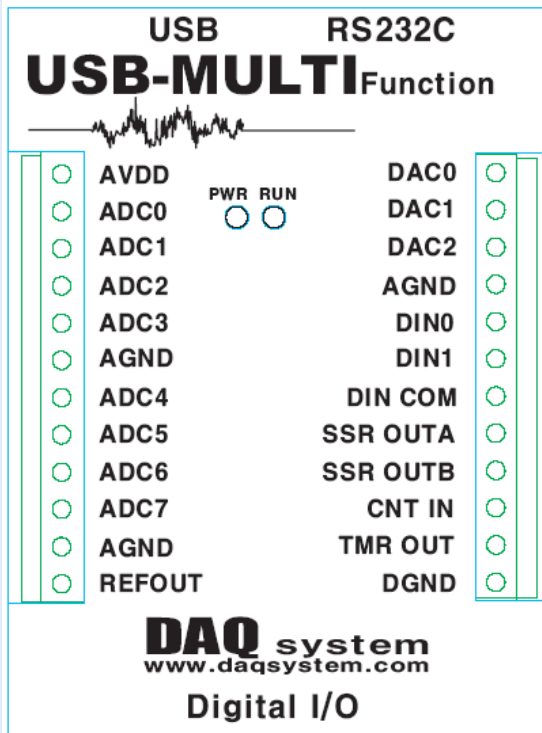
SPECIFICATION

◉ **Interface**
  ▪ USB Powered through USB-B Connector
  ▪ +5V Single Power Operation
  ▪ 24 point terminal for sensor connection
  ▪ D-sub 25pin female connector for 15 Digital I/O
  ▪ UART(Data bit 8, 1 start, 1 stop, No Parity , 38400bps) Tx/Rx
◉ **Function**
  ▪ One 16bit Timer / One 16bit Counter
  ▪ 8ch 12bit ADC / 3ch 12bit DAC
  ▪ One SSR output
  ▪ Two photo-coupler isolated Digital input
  ▪ 15 general purpose Digital I/O

PHYSICAL/ENVIRONMENTAL

▣ **Dimension**

  ▪ 99.2 x 73.4 mm

▣ **Board Feature**

▣ **Temperature**

  ▪ 0 to 60℃, Operating

  ▪ -20 to 80℃ Storage

▣ **Relative Humidity**

  ▪ 5 to 95%, Non-considering

▣ **Power Requirement**

  ▪ +5VDC(±5%) at Max. 250mA

BLOCK DIAGRAM

USB-MULTI