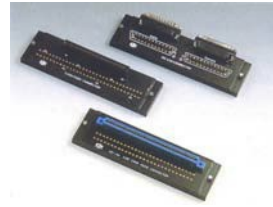




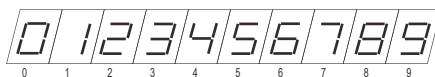
Reserve Fixed Holders
It's available for universal



Expansion Features
It can perform computer interface experiments by matching

Specifications

- Solderless breadboard : AD-222
Interconnected with 2712 tie points nickel plated contact, fits all components with DIP sizes and solid wire AWG #22-30 (0.3 ~ 0.8mm). It can be changed and replaced for different purposes and can be connected with demonstration panel.
Therefore, it is very convenient for both teachers and students.
- DC power supply :
 - Fixed DC output : +5V \pm 10%, 1A.
 - Fixed DC output : -5V \pm 10%, 300mA.
 - Variable DC output : 0V ~ +15V \pm 10%, 500mA.
 - Variable DC output : 0V ~ -15V \pm 10%, 500mA.
- Potentiometers :
 - Variable resistor VR1 = 1 K Ω (B)
 - Variable resistor VR2 = 100K Ω (B)
- Function generator
 - Frequency ranges : 0.1 Hz ~ 2 Hz
(6 ranges)
 - 1 Hz ~ 20 Hz
 - 10 Hz ~ 200 Hz
 - 100 Hz ~ 2 K Hz
 - 1K Hz ~ 20K Hz
 - 10K Hz ~ 200K Hz
 - Amplitude Sine wave output : 0 ~ 5Vpp \pm 10% variable
Triangle wave output : 0 ~ 5Vpp \pm 10% variable
Square wave output : 0 ~ 15Vpp \pm 10% variable
TTL mode output : +5V \pm 10%
- Universal counter
 - Frequency range : 1Hz ~ 99.999999 MHz ; 10Hz ~ 100.000000MHz
 - Period range TH & TL : 0.01 μ s ~ 999999.99 μ s ;
1 μ s ~ 99999999 μ s
 - Input signal : TTL or CMOS level or any level (Vmin \geq +2.3Vp \pm 10%)
 - Display : 8-digit 7-segment LED display
 - Counter switch : External / internal
- Eight bits data switches :
When toggle switch is set at "down" position, the output is LO level;
on the contrary, it will be HI level while setting at "up" position.
- Speaker :
2¼ inch diameter, 8 Ω / 0.5W to be used for load
- Four channel adaptor :
Both the two banana sockets' and two BNC jacks' point tips are changeable. They are suitable to connect ETS-7000A with peripherals.
- Two digits of segment LED display :
 - BCD based output display
 - Numerical designs and resultant displays



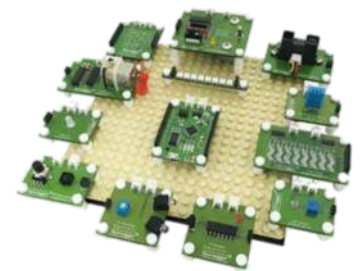
Segment Identification



- Two pulse switch (with 2 sets of output: A, \bar{A} , B, \bar{B}) :
2 pcs of push-buttons contain switches debouncer for eliminating the bounce caused by switch from "open" to "close" or from "close" to "open" position.
- 8 bits LED display:
Eight red LEDs separate input terminals, light up at "HI level" input, and turn off at "LO level" input.
- Universal connector fixed holder:
Reserving universal connector fixed holder on the panel to connect with various universal connectors :
Standard accessory :
UC-06 Centronic connector
Optional accessories :
 - UC-01 : Card edge connector 2.54mm 62pin
 - UC-02 : RS-232 connector 25pin D sub connector, male & female
 - UC-03 : Straight header connector 60pin
 - UC-04 : Card edge connector 3.96 mm 56pin
- Other standard accessories:
(1) Power cord (2) Pin : 6pcs (3) User manual
- Dimensions : 325 x 250 x 95mm (L x W x H)
- Weight : 4.3kg

Optional : NGT-602 faya-nugget Combo Pack

Exploring Arduino projects
with ETS-7000A



- Main controller : brickNano
- Modules :
 - Step Motor
 - IR Distance Sensor
 - Humidity & Temperature Sensor
 - Touch Slider
 - Light Sensor
 - IR Receiver
 - IR Transmitter
 - IR Pulse Sensor
 - RGB LED
 - DC Motor
 - Basic Logic Gates
 - Color Sticker

Accessories

Brick Pack / 21*21 Brick Plate / Brick Post Pack / Brick Cap Pack / Micro USB Cable / Power Wire Pack / Signal Wire Pack / Tutorial CD

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