Keye Studio Smart Clock Kit

Module: KE0089 / 180…

Introduction

A clock is so commonly seen in daily life, but how magical it is if you can make your own clock! In keyestudio clock kit, microcontroller comes pre-programmmed, so no programming is required. This kit not only has basic functions, for example, it counts Minutes, Hours, Day, Date, ,Day of Week, Month, and Year, with alarm buzzer and hourly chime function; but also has been extended to new features ,like showing temperature, automatically adjusting display brightness. With reserving serial ports, you are able to reprogram to DIY your clock.

Features:

> Recommended Working Voltage: DC8--15V
>
> 24-hour clock modes
>
> Display Temperature Range: 0--100 ℃
>
> Automatically adjusting display brightness changing with ambient light
>
> Counts Minutes, Hours, Day, Date ,Day of Week, Month, and Year
>
> With alarm buzzer and hourly chime function
>
> When alarm clock rings, press adding button to shut up
>
> Based on Arduino UNO R3--can be programmed through Arduino IDE (with extensions)
>
> Automatic storage of alarm clock and hourly chime after power off
>
> Automatic storage memory (coin cell with enough power)after power off
>
> Calculating display: time display for 51s, temperature display 3s, date display 3s, day of week display 3s (K1 Functional Button, K2 Adding Button)

For insstructions see link:

> http://wiki.keyestudio.com/index.php/Ks0201_keyestudio_Smart_Clock_Kit