OKY3390

Product Name: DS1302 Real Time Clock RTC Module for Arduino

Product Module： OKY3390

Item Description: The DS1302 Trickle Charge Timekeeping Chip contains a real time clock/calendar and 31 bytes of static RAM. It communicates with a microprocessor via a simple serial interface. The real time clock/calendar provides seconds, minutes, hours, day, date, month, and year information. The end of the month date is automatically adjusted for months with less than 31 days, including corrections for leap year. The clock operates in either the 24–hour or 12–hour format with an AM/PM indicator.

Features:

Real time clock counts seconds, minutes hours, date of the month, month, day of the week, and year with leap year compensation valid up to 2100

31 x 8 RAM for scratchpad data storage

Serial I/O for minimum pin count

2.0–5.5V full operation

Uses less than 300 nA at 2.0V

Single–byte or multiple–byte (burst mode)data transfer for read or write of clock or RAM data

8–pin DIP or optional 8–pin SOICs for surface mount

Simple 3–wire interface

TTL–compatible (VCC = 5V)

Optional industrial temperature range:–40°C to +85°C

PCB is a single panel, size: 44mm * 23mm * 1.6mm

4 positioning holes with a diameter is:3.1mm

Module operating voltage is compatible with 3.3V / 5V

Operating temperature: 0 °C --- 70 °C

Package Includes:

1 x DS1302 Real Time Clock RTC Module