DS3231

AT24C32 IIC Module Precision RTC NA041

• DS3231 AT24C32 IIC Precision RTC Real Time Clock Memory Module For Arduino - NA041
• 1 mm Size: 38 mm (length) mm * 22 mm (W) mm * 14 mm (height)
• Weight: 8 g
• Operating voltage: 3.3-5. 5 V
• Clock chip: high precision clock chip DS3231
• Accuracy 5 hours: range 0-40 °, accuracy 2ppm, the error was about 1 minute
• Calendar alarm clocks with two
• Programmable square waves
• Hours real time generator of seconds, minutes, hours, day, date, month and year dates and provide valid up to year 2100 leap year compensation.
• Chip Temperature sensor is supplied with an accuracy of ± 3 °
• Memory chips: AT24C32 (32 K capacity)
• IIC bus interface, maximum transmission speed 400 kHz (operating voltage 5 AT)
• Can be cascaded with another IIC device, 24C32 addresses can be shortened A0 / A1 / A2 change the default address is 0x57
• With a LIR2032 battery, to ensure the system after a power failure, moving hours any physical normal