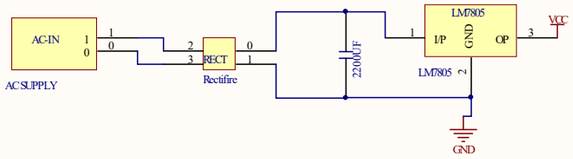
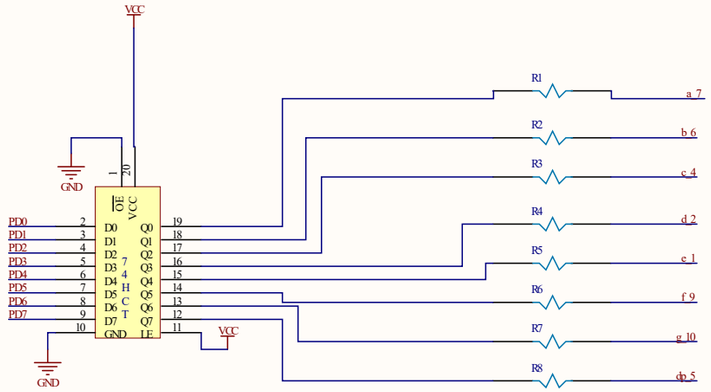
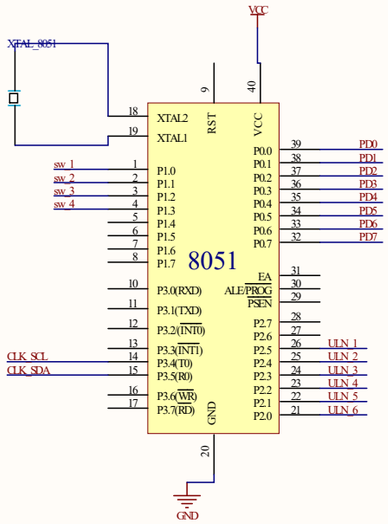
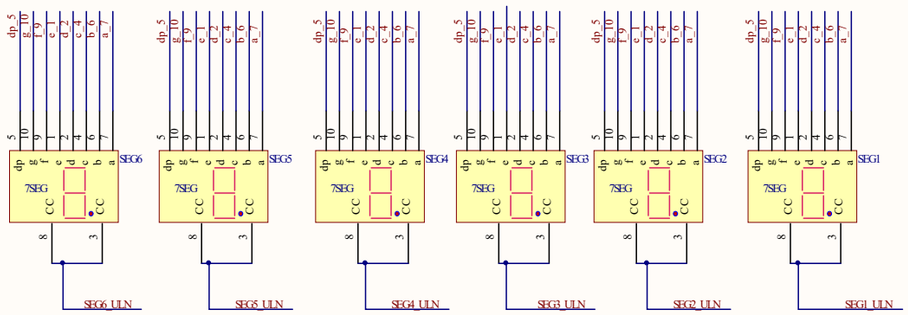
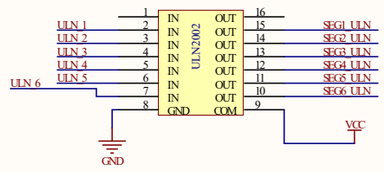
# Clock Circuite

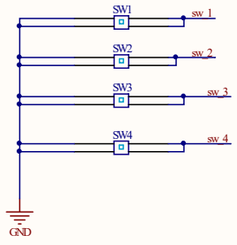


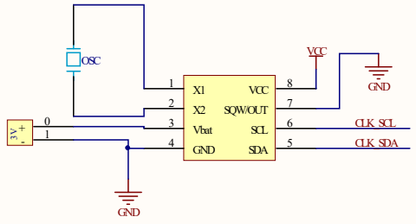



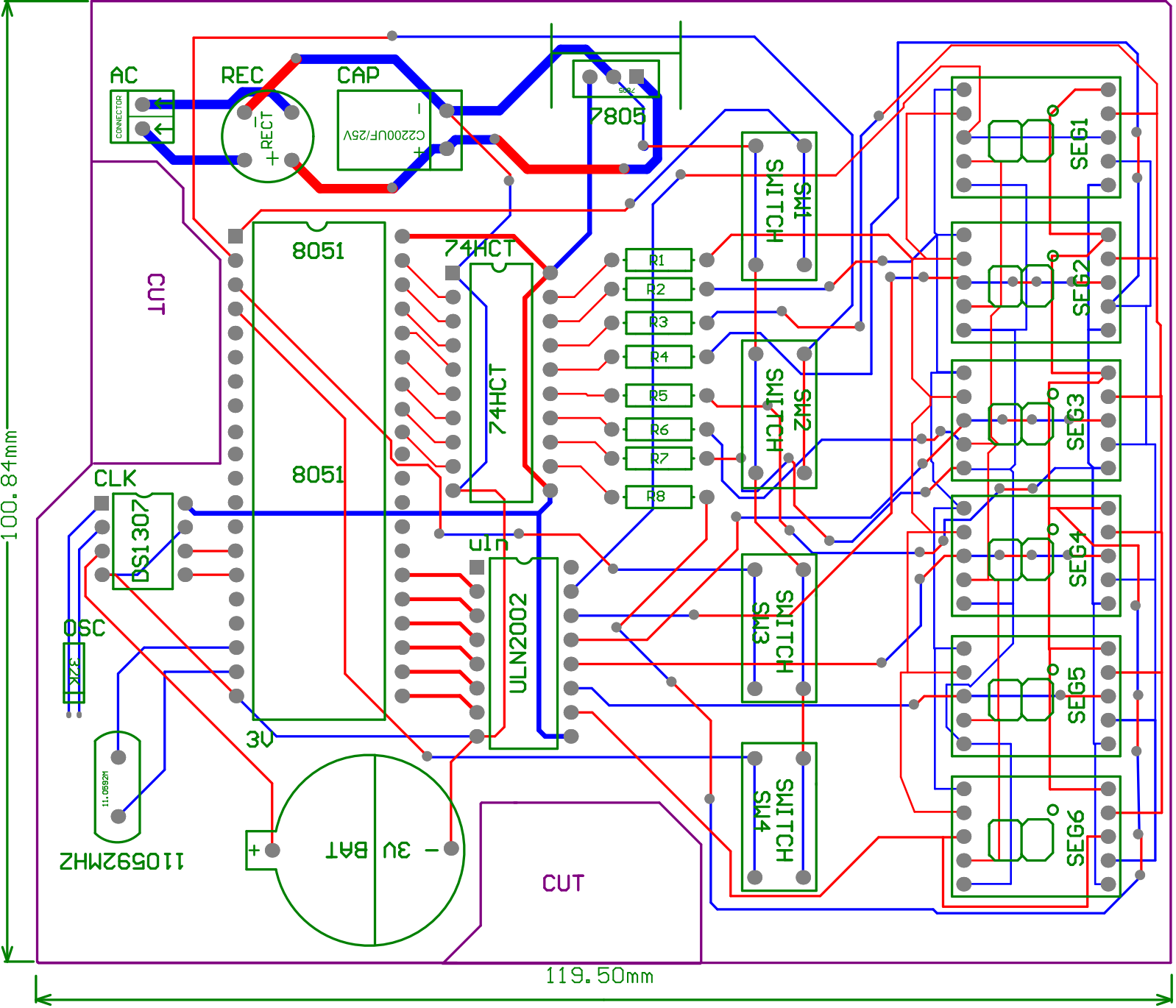




| | | |
|---|---|---|
| Title | | |
| Size: A3 | Number | Revision |
| Date: 4/14/2021 | Sheet of | |
| File: G:\Altium Begginar projects Projects\...\Sheet_clock_Drawing.SchDoc | | |


AC
REC
CAP
7805
CONNECTOR
RECT
C2200UF/25V
8051
74HCT
CUT
R1
R2
R3
R4
R5
R6
R7
R8
SWITCH
SW1
SW2
SW3
SW4
SEG1
SEG2
SEG3
SEG4
SEG5
SEG6
CLK
DS1307
OSC
3ZK
ULN2002
3V
11.0592M
11059ZMHZ
BAT
CUT
100.84mm
119.50mm

# Bill of Materials

<Parameter Title not found>

**Source Data From:** PCB_Project2.PrjPCB

**Project:** PCB_Project2.PrjPCB

**Variant:** None

Creation Date: 4/14/2021 6:06:38 PM

Print Date: 44300 44300.75474

| Footprint | Comment | LibRef | Designator | Description | Quantity |
|---|---|---|---|---|---|
| 3V BAT | Battery_3V | Battery_3V | 3V | | 1 |
| 74HCT | 74_HCT | 74_HCT | 74HCT | | 1 |
| L7805 | LM7805 | LM7805 | 7805 | | 1 |
| NUV_8051 | Microcontroller | 8051 | 8051 | | 1 |
| osc_12 | XTAL_8051 | XTAL_8051 | 110592MHZ | | 1 |
| CONNECTOR | AC SUPPLY | AC SUPPLY | AC | | 1 |
| CAP2200UF | CF2200UF | CF2200UF | CAP | | 1 |
| DS1307 | DS1307_RTC | DS1307_RTC | CLK | | 1 |
| OSC_32K | OSCILLATOR | OSCILLATOR | OSC | | 1 |
| RES | RES330 | RES330 | R1, R2, R3, R4, R5, R6, R7, R8 | | 8 |
| RECT | Rectifire | Rectifire | REC | | 1 |
| LED_Display | 7SEGMENT | 7-SEGMENTS | SEG1, SEG2, SEG3, SEG4, SEG5, SEG6 | | 6 |
| SWITCH | SWITCH | SWITCH | SW1, SW2, SW3, SW4 | | 4 |
| ULN2002 | ULN2002 | ULN2002 | uln | | 1 |
| | | | | | 29 |

**Approved**

**Notes**