



**Main display
Auto brightness**

**P3 is an inverted
open collector out**

Alarm control

**Alarm stop
Touch switch**

**Do not connect the
same time with
USB**

**3.3V is output from
the ESP12E module**

**Buzzer unit
Salvage from
a chip alarm clock**

Sheet: /	File: MatrixClock.sch
Title: NTP synchronized alarm clock.	
Size: A4	Date:
KiCad E.D.A. kicad (5.0.1) - 3	Id: 1/1