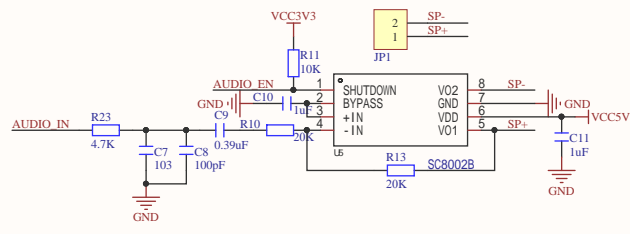
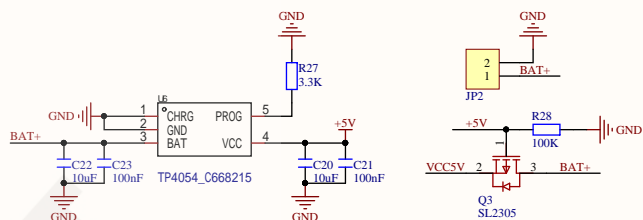


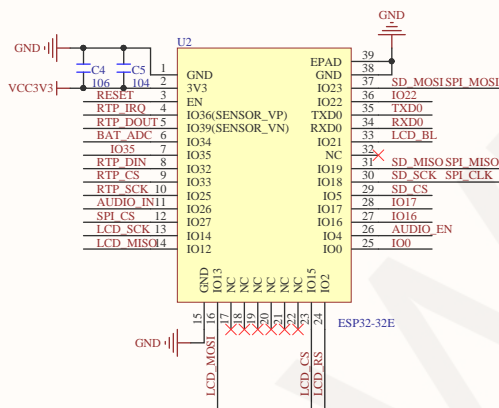
Type-C Interface circuit



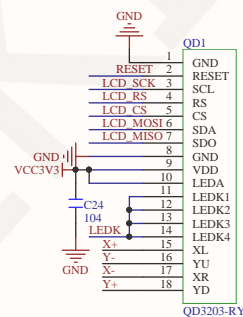
Audio power amplifier circuit



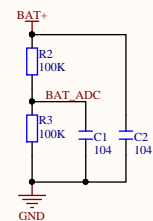
Battery charge and discharge management circuit



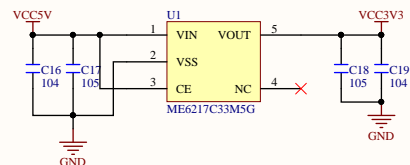
ESP32-32E Main control circuit



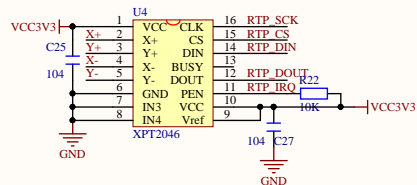
18P LCD panel wire welding interface



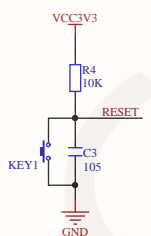
Battery level detection circuit



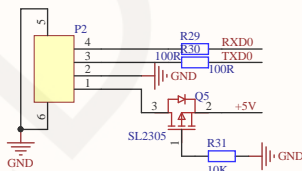
5V to 3.3V voltage regulator circuit



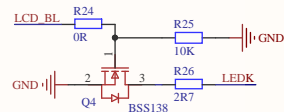
Resistive touch screen control circuit



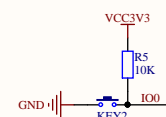
Key reset circuit



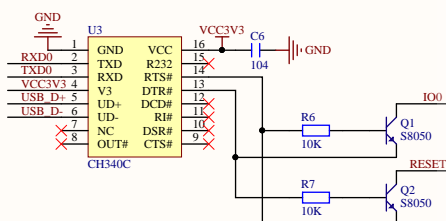
Serial port module interface circuit



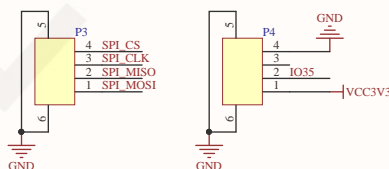
LCD screen backlight control circuit



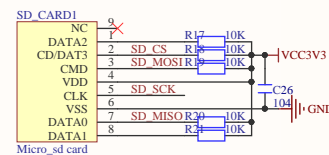
[Download key circuit](#)



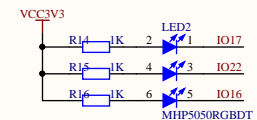
USB to serial port and one-click download circuit



Expanded IO and peripheral interface circuits



MicroSD card slot interface circuit



RGB three-color light control circuit
Common anode, low level lit LED light

| | | | | |
|--|---------|-----------|--|--|
| Title: 2.8-inch ESP32-32E display module Schematic | | | Altium Limited L3, 12a Rodborough Rd Frenchs Forest NSW Australia 2086 | |
| Size: A3 | Number: | Revision: | | |
| Date: | Time: | Sheet of | | |
| File: | | | | |