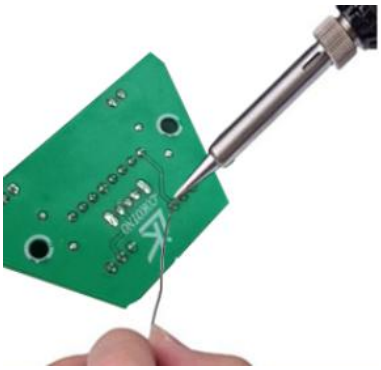
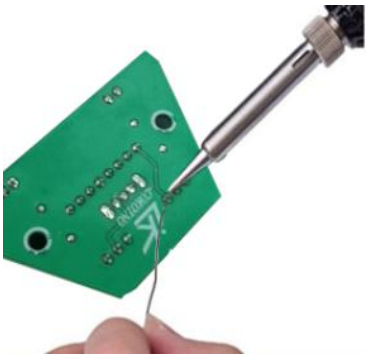
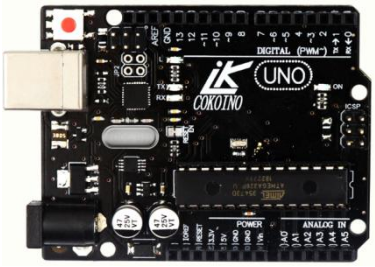
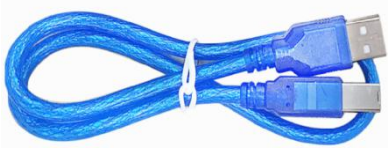
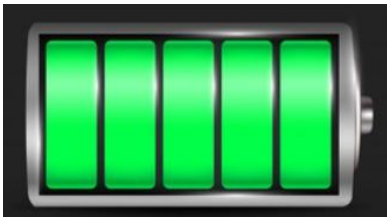
# Things you need to prepare:

| Picture | Name | Detail |
|---|---|---|
| | Tin wire |  |
| | Soldering iron |  |
| | Scissor | |
|  | Uno r3 main board or cokoino V1 main board | Control and power the Christmas tree |
|  | USB cable | Connect computer and uno board, power and transmit data |
|  | DC7-12V power supply | DC7-12V power supply compatible with DC power jack |