

## Electronic parts are connected using solder

## **The Soldering Process**

- Solder bonds metal together
- Usually copper wire and copper pads or terminals
- Metal must be hot enough to melt solder to make it "stick"
- Always heat the metals and let them melt the solder
- Simply melting the solder alone makes a poor "cold joint"

Soldering temperatures are over 700 degrees F!

- Be Careful
- Only touch the soldering iron insulated handle
- Never set the iron down anywhere but in its holder
- Wires will get hot. Hold them with a tool or not at all.



