



Weller ~\$100

Solder iron/station

- Finest tip possible
- 700° F



60% Tin 40% Lead

90+% Tin + Copper & Silver

Flux

- Removes oxidation on the metal surface
- Helps in the flow of solder



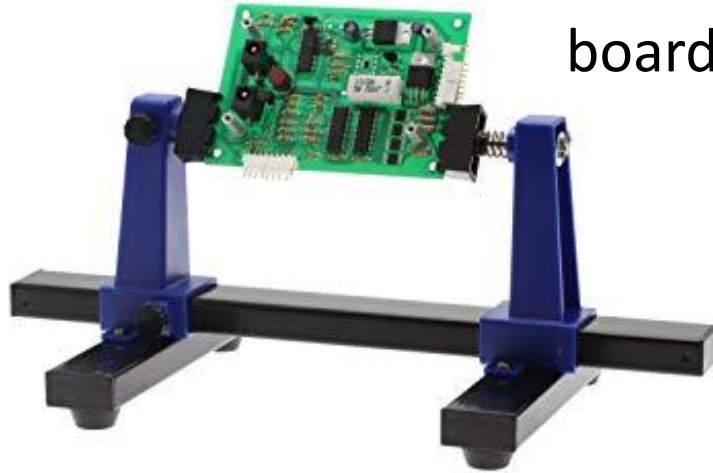
Solder wick - undoes mistakes

Basic Tools

“helping hands”



board holder



snips



tweezers

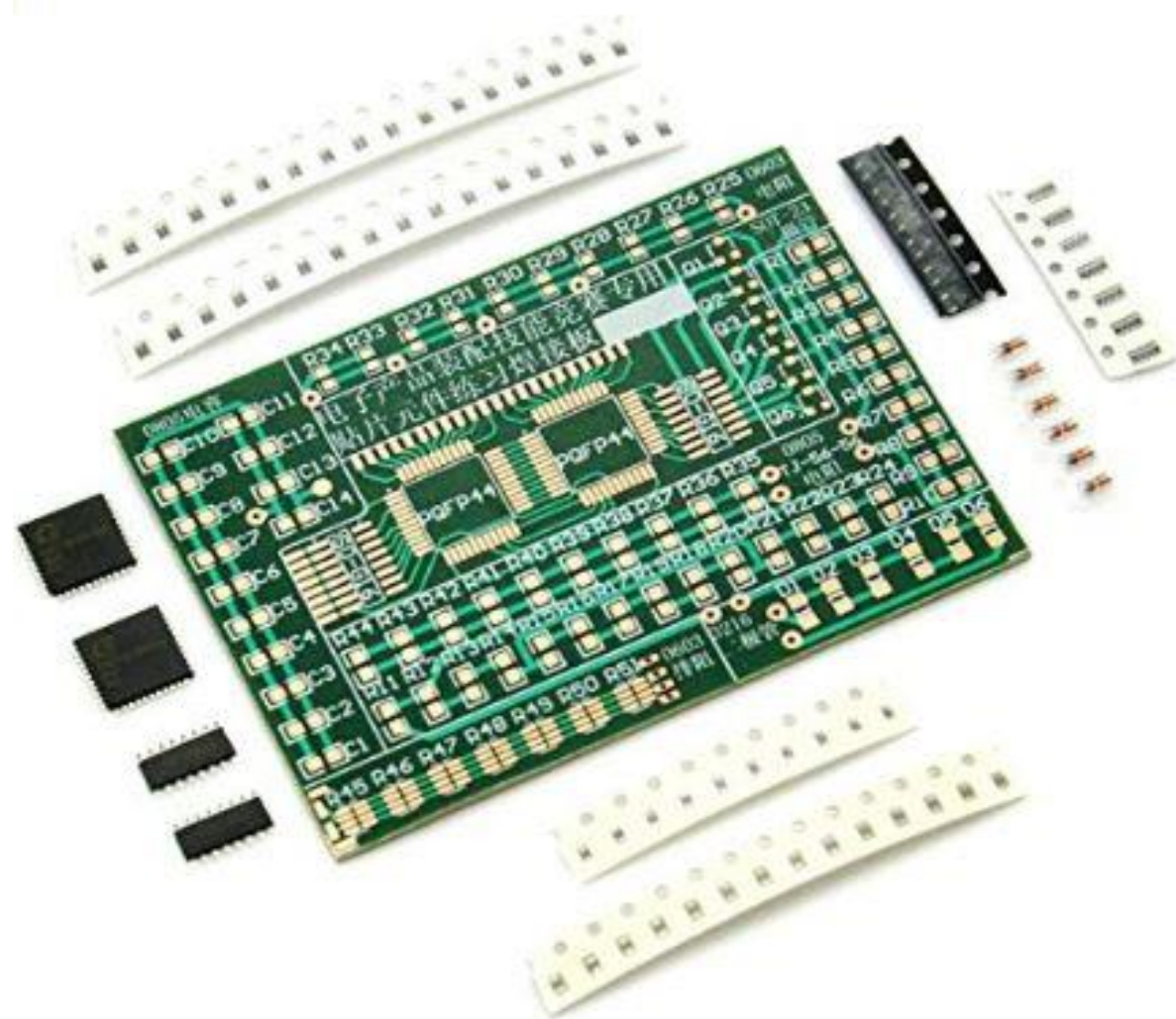


fine needle nose



wire stripper





Roll over image to zoom in

Gikfun Beginner DIY SMD/SMT Components Practice Board Soldering Skill Training Kit AE1173

by Gikfun

★★★★☆ 27 customer reviews

| 3 answered questions

Amazon's Choice for "soldering practice board"

Price: **\$8.68** ✓prime

 FREE One-Day Pickup. [Details](#)
& [FREE Returns](#)

Get \$70 off instantly: Pay **\$0.00** ~~\$8.68~~ upon
approval for the Amazon Prime Rewards Visa
Card. No annual fee.

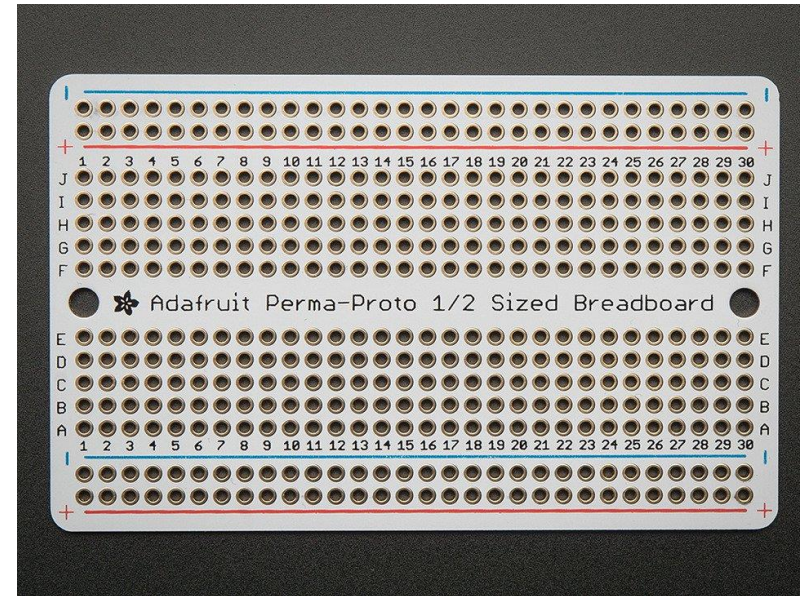
Color: **Original version**

- This is a perfect Soldering skills training materials for beginners
- Beginner DIY SMD/SMT Components Practice Board Soldering Skill Training Kit
- High quality PCB, has clearly marked the

Circuit Boards



prototyping boards



perf boards

DIY printed circuit boards: ExpressPCB.com

<u>Device</u>	<u>Current draw</u>
Feather + logger	30 mA
DS18B20 temp thermistor	1 mA 1.65 mA
pH	3.5 mA
Total:	36.2 mA

- Sample Interval: 15mins
- On-time: 5 seconds

- 36.2 mA for 20 seconds/hour
- 4.8 mA·hr per day
- 1200mA·hr / 4.8 mA·hr
- 248 days

Timer = 40nA → 0.1mA·hr

Other Resources

YSI



June 11
1:00pm (EDT)



July 9
1:00pm (EDT)



August 6
1:00pm (EDT)



September 10
1:00pm (EDT)

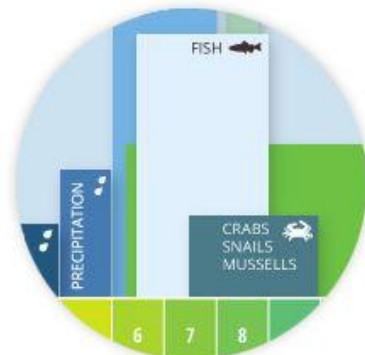


October 8
1:00pm (EDT)

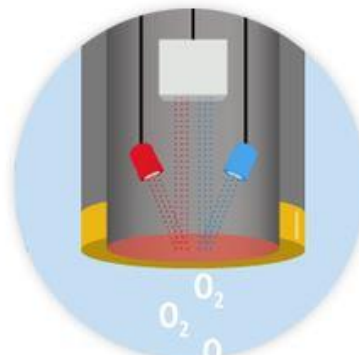


PRODUCTS ▾ RENTAL ▾ NEWS ▾ LEARNING CENTER ▾ FIELD STATION COMPANY ▾

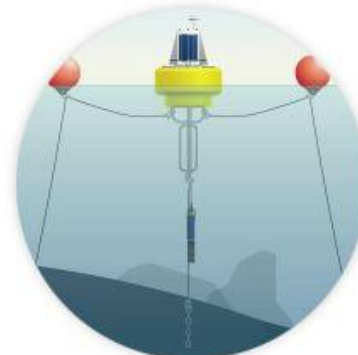
Search Learning Cente... 



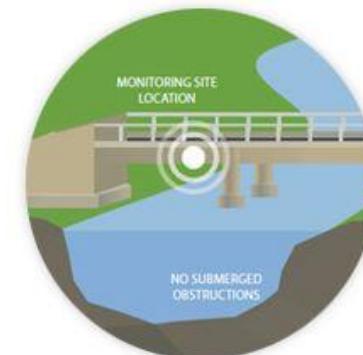
Parameters



Measurements



Equipment



Applications